

LISTA PUBBLICAZIONI

- Baviera, M. E., Garaci, F., Placidi, F., Romigi, A., Floris, R., & Bozzao, A. (2001). Evaluation of patients with focal epilepsy in the intercritical phase with perfusion MR imaging and EEG . In *Rivista di Neuroradiologia* (Vol. 14, Issue SUPPL. 3, pp. 97–102).
<https://doi.org/10.1177/19714009010140s319>
- Gaudiello, F., Garaci, F., Floris, R., Fantozzi, L. M., & Bozzao, A. (2001). Evaluation of hemodynamic changes in patients with symptomatic unilateral internal carotid artery stenosis by MR perfusion imaging . In *Rivista di Neuroradiologia* (Vol. 14, Issue SUPPL. 3, pp. 133–138). <https://doi.org/10.1177/19714009010140s325>
- Bozzao, A., Floris, R., Pocek, M., Fasoli, F., Garaci, F. G., & Simonetti, G. (2001). Non invasive evaluation of epiaortic vessels: Keyhole MR angiography with contrast medium and spiral Computed Tomogra-phy angiography versus digital subtraction angiography . In *Radiologia Medica* (Vol. 101, Issues 1–2, pp. 48–53). <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035045423&partnerID=40&md5=df46ba996b2985895eb4ab460174affe>
- Guazzaroni, M., Turchio, P., Di Renzo, L., Coen Tirelli, G., Garaci, F., & Simonetti, G. (2001). Virtual laryngoscopy of neoplastic pharyngeal and laryngeal pathology . In *Radiologia Medica* (Vol. 101, Issue 4, pp. 265–269). <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035317234&partnerID=40&md5=fbe8a002d05ab8ef40a4a58973f8f821>
- Gandini, R., Ippoliti, A., Garaci, F. G., Lupattelli, T., Mancini, L., Pistolese, G. R., & Simonetti, G. (2002). Treatment of anastomotic iliac pseudoaneurysm . In *Radiologia Medica* (Vol. 103, Issue 3, pp. 274–278). <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036511794&partnerID=40&md5=2e47b552af69de5fff027ee2e1c22ba3>
- Cataldi, A., Miscia, S., Centurione, L., Rapino, M., Bosco, D., Grifone, G., Di Valerio, V., Garaci, F., & Rana, R. (2002). Role of nuclear PKC δ in mediating caspase-3-upregulation in Jurkat T leukemic cells exposed to ionizing radiation. In *Journal of Cellular Biochemistry* (Vol. 86, Issue 3, pp. 553–560). <https://doi.org/10.1002/jcb.10251>
- Miscia, S., Marchisio, M., Grilli, A., Di Valerio, V., Centurione, L., Sabatino, G., Garaci, F., Zauli, G., Bonvini, E., & Di Baldassarre, A. (2002). Tumor necrosis factor α (TNF- α) activates Jak1/Stat3-Stat5b signaling through TNFR-1 in human B cells. In *Cell Growth and Differentiation* (Vol. 13, Issue 1, pp. 13–18).
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036148801&partnerID=40&md5=9b7bcc4e858d4632e4c48771477694e0>
- Lupattelli, T., Garaci, F. G., Manenti, G., Belli, A. M., & Simonetti, G. (2003). Giant high-flow renal arteriovenous fistula treated by percutaneous embolization. In *Urology* (Vol. 61, Issue 4, p. 837). [https://doi.org/10.1016/S0090-4295\(02\)02438-X](https://doi.org/10.1016/S0090-4295(02)02438-X)
- Lupattelli, T., Garaci, F. G., Sandhu, C., Tisone, G., & Simonetti, G. (2003). Endovascular treatment of giant splenic aneurysm that developed after liver transplantation. In *Transplant International* (Vol. 16, Issue 10, pp. 756–760). <https://doi.org/10.1111/j.1432-2277.2003.tb00236.x>

Garaci, F. G., Floris, R., Manenti, G., Fantozzi, L. M., & Bozzao, A. (2003). Diffusion-weighted MR imaging in the evaluation of normal appearing white matter in patients with tuberous sclerosis. In *Rivista di Neuroradiologia* (Vol. 16, Issue 2, pp. 263–266).
<https://doi.org/10.1177/197140090301600205>

Cataldi, A., Centurione, L., Di Pietro, R., Rapino, M., Bosco, D., Grifone, G., Garaci, F., & Rana, R. (2003). Protein kinase C ζ nuclear translocation mediates the occurrence of radioresistance in friend erythroleukemia cells. In *Journal of Cellular Biochemistry* (Vol. 88, Issue 1, pp. 144–151). <https://doi.org/10.1002/jcb.10305>

Cataldi, A., Rapino, M., Centurione, L., Sabatini, N., Grifone, G., Garaci, F., & Rana, R. (2003). NF- κ B activation plays an antiapoptotic role in human leukemic K562 cells exposed to ionizing radiation. In *Journal of Cellular Biochemistry* (Vol. 89, Issue 5, pp. 956–963).
<https://doi.org/10.1002/jcb.10560>

Cataldi, A., Di Pietro, R., Centurione, L., Rapino, M., Santavenere, E., Garaci, F., Cocco, L., Giuliani-Piccoli, G., & Rana, R. (2003). Engagement of PI-3-kinase mediated protein kinase C zeta activation in protecting Friend cells from ionizing radiation-induced apoptosis. In *International journal of oncology* (Vol. 22, Issue 1, pp. 129–135).
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042077287&partnerID=40&md5=8f573f957b52f7711b2ba42e6ca4e5c4>

Garaci, F. G., Gandini, R., Romagnoli, A., Fasoli, F., Varrucciu, V., & Simonetti, G. (2003). Hepatic artery pseudoaneurysm in von Willebrand's disease. In *European Radiology* (Vol. 13, Issue 8, pp. 1913–1915). <https://doi.org/10.1007/s00330-002-1621-x>

Lupattelli, T., Garaci, F. G., Hopkins, C. E. O., & Simonetti, G. (2003). Covered stent deployment and follow-up of a case of internal carotid artery pseudoaneurysm. In *Cerebrovascular Diseases* (Vol. 16, Issue 1, pp. 98–101). <https://doi.org/10.1159/000070125>

Di Renzo, L., Tirelli, G. C., Garaci, F., Turchio, P., & Guazzaroni, M. (2003). Comparison of virtual and conventional endoscopy of nose and paranasal sinuses. In *Annals of Otology, Rhinology and Laryngology* (Vol. 112, Issue 2, pp. 139–142).
<https://doi.org/10.1177/000348940311200206>

Garaci, F. G., Floris, R., Bozzao, A., Manenti, G., Simonetti, A., Lupattelli, T., Curatolo, P., & Simonetti, G. (2004). Increased brain apparent diffusion coefficient in tuberous sclerosis. In *Radiology* (Vol. 232, Issue 2, pp. 461–465). <https://doi.org/10.1148/radiol.2322030198>

Di Pietro, R., Centurione, L., Sabatini, N., Bosco, D., Sancilio, S., Garaci, F., Rana, R., & Cataldi, A. (2004). Caspase-3 is dually regulated by apoptogenic factors mitochondrial release and by SAPK/JNK metabolic pathway in leukemic cells exposed to etoposide-ionizing radiation combined treatment. In *International Journal of Immunopathology and Pharmacology* (Vol. 17, Issue 2, pp. 181–190). <https://doi.org/10.1177/039463200401700210>

Castriota-Scanderbeg, A., Garaci, F. G., & Beluffi, G. (2005). Angel-shaped phalanges in brachydactyly C: A case report, and speculation on pathogenesis. In *Pediatric Radiology* (Vol. 35, Issue 5, pp. 535–538). <https://doi.org/10.1007/s00247-004-1362-x>

Sabatini, N., Di Giacomo, V., Rapino, M., Rana, R., Cataldi, A., & Garaci, G. (2005). Erratum: JNK/p53 mediated cell death response in K562 exposed to etoposide-ionizing radiation

combined treatment (Journal of Cellular Biochemistry (2005) 95, 3 (611-619)). In *Journal of Cellular Biochemistry* (Vol. 96, Issue 1, p. 220). <https://doi.org/10.1002/jcb.20595>

Lupattelli, T., Basile, A., Garaci, F. G., & Simonetti, G. (2005). Percutaneous uterine artery embolization for the treatment of symptomatic fibroids: Current status. In *European Journal of Radiology* (Vol. 54, Issue 1, pp. 136–147). <https://doi.org/10.1016/j.ejrad.2004.04.006>

Gaudiello, F., Garaci, F. G., Marziali, S., Ludovici, A., Brusa, L., Stanzione, P., Floris, R., & Simonetti, G. (2006). Evaluation of basal ganglia haemodynamic changes with perfusion-weighted magnetic resonance imaging in patients with Parkinson's disease . In *Radiologia Medica* (Vol. 111, Issue 2, pp. 284–290). <https://doi.org/10.1007/s11547-006-0028-1>

Bruno, E., Napolitano, B., Sciuto, F., Giordani, E., Garaci, F. G., Floris, R., Alessandrini, M., Di Girolamo, S., & Ottaviani, F. (2007). Variations of neck structures after suprarectal partial laryngectomy: A multislice computed tomography evaluation. In *ORL* (Vol. 69, Issue 5, pp. 265–270). <https://doi.org/10.1159/000103869>

Campione, E., Terrinoni, A., Orlandi, A., Codispoti, A., Melino, G., Bianchi, L., Mazzotta, A., Garaci, F. G., Ludovici, A., & Chimenti, S. (2007). Cerebral cavernomas in a family with multiple cutaneous and uterine leiomyomas associated with a new mutation in the fumarate hydratase gene [2]. In *Journal of Investigative Dermatology* (Vol. 127, Issue 9, pp. 2271–2273). <https://doi.org/10.1038/sj.jid.5700851>

Garaci, F. G., Colangelo, V., Ludovici, A., Gaudiello, F., Marziali, S., Centonze, D., Boffa, L., Simonetti, G., & Floris, R. (2007). A diffusion longitudinal MR imaging study in normal-appearing white matter in untreated relapsing-remitting multiple sclerosis. In *American Journal of Neuroradiology* (Vol. 28, Issue 3, pp. 475–478).
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947580425&partnerID=40&md5=69d0dfa3232397e1ef37e1473935267e>

Garaci, F. G., Cozzolino, V., Nucci, C., Gaudiello, F., Ludovici, A., Lupattelli, T., Floris, R., & Simonetti, G. (2008). Advances in neuroimaging of the visual pathways and their use in glaucoma. In *Progress in Brain Research* (Vol. 173, pp. 165–177).
[https://doi.org/10.1016/S0079-6123\(08\)01112-6](https://doi.org/10.1016/S0079-6123(08)01112-6)

Schillaci, O., Travascio, L., Bruni, C., Bazzocchi, G., Testa, A., Garaci, F. G., Melis, M., Floris, R., & Simonetti, G. (2008). Molecular imaging and magnetic resonance imaging in early diagnosis of alzheimer's disease. A literature review. In *Neuroradiology Journal* (Vol. 21, Issue 6, pp. 755–771). <https://doi.org/10.1177/197140090802100603>

Lupattelli, T., Garaci, F. G., Basile, A., Casini, A., Dalainas, I., Minnella, D. P., & Iezzi, R. (2008). Emergency stent grafting of type B aortic dissection: Technical considerations. In *Emergency Radiology* (Vol. 15, Issue 6, pp. 375–382). <https://doi.org/10.1007/s10140-008-0759-5>

Gaudiello, F., Colangelo, V., Bolacchi, F., Melis, M., Gandini, R., Garaci, F. G., Cozzolino, V., Floris, R., & Simonetti, G. (2008). Sixty-four-section CT cerebral perfusion evaluation in patients with carotid artery stenosis before and after stenting with a cerebral protection device. In *American Journal of Neuroradiology* (Vol. 29, Issue 5, pp. 919–923).
<https://doi.org/10.3174/ajnr.A0945>

Brancati, F., Garaci, F. G., Mingarelli, R., & Dallapiccola, B. (2008). Abnormal neuronal migration defect in the severe variant subtype of Adams-Oliver syndrome. In *American Journal of Medical Genetics, Part A* (Vol. 146, Issue 12, pp. 1622–1623).
<https://doi.org/10.1002/ajmg.a.32357>

Garaci, F. G., Grande, M., Villa, M., Mancino, S., Konda, D., Attinà, G. M., Galatà, G., & Simonetti, G. (2009). What is a reliable CT scan for diagnosing splenosis under emergency conditions? In *World Journal of Gastroenterology* (Vol. 15, Issue 29, pp. 3684–3686).
<https://doi.org/10.3748/wjg.15.3684>

Garaci, F. G., Bolacchi, F., Cerulli, A., Melis, M., Spanò, A., Cedrone, C., Floris, R., Simonetti, G., & Nucci, C. (2009). Optic nerve and optic radiation neurodegeneration in patients with glaucoma: In vivo analysis with 3-T diffusion-tensor MR imaging. In *Radiology* (Vol. 252, Issue 2, pp. 496–501). <https://doi.org/10.1148/radiol.2522081240>

Garaci, F. G., Bazzocchi, G., Velari, L., Gaudiello, F., Goldstein, A. L., Manenti, G., Floris, R., & Simonetti, G. (2009). Cryptogenic stroke in hanging: A case report. In *Neuroradiology Journal* (Vol. 22, Issue 4, pp. 386–390). <https://doi.org/10.1177/197140090902200404>

Pardini, M., Garaci, F. G., Bonzano, L., Roccatagliata, L., Palmieri, M. G., Pompili, E., Coniglione, F., Krueger, F., Ludovici, A., Floris, R., Benassi, F., & Emberti Gialloreto, L. (2009). White matter reduced streamline coherence in young men with autism and mental retardation. In *European Journal of Neurology* (Vol. 16, Issue 11, pp. 1185–1190).
<https://doi.org/10.1111/j.1468-1331.2009.02699.x>

Lupattelli, T., Garaci, F. G., Basile, A., Minnella, D. P., Casini, A., & Clerissi, J. (2009). Emergency stent grafting after unsuccessful surgical repair of a mycotic common femoral artery pseudoaneurysm in a drug abuser. In *CardioVascular and Interventional Radiology* (Vol. 32, Issue 2, pp. 347–351). <https://doi.org/10.1007/s00270-008-9401-x>

Lupattelli, T., Tannouri, F., Garaci, F. G., Papa, G., Pangos, M., Somalvico, F., Caravaggi, C., & Faglia, E. (2010). Efficacy and safety of antegrade common femoral artery access closure using the angio-seal device: Experience with 1889 interventions for critical limb ischemia in diabetic patients. In *Journal of Endovascular Therapy* (Vol. 17, Issue 3, pp. 366–375).
<https://doi.org/10.1583/09-2960.1>

Kornak, U., Brancati, F., Le Merrer, M., Lichtenbelt, K., Höhne, W., Tinschert, S., Garaci, F. G., Dallapiccola, B., & Nürnberg, P. (2010). Three novel mutations in the ANK membrane protein cause craniometaphyseal dysplasia with variable conductive hearing loss. In *American Journal of Medical Genetics, Part A* (Vol. 152, Issue 4, pp. 870–874).
<https://doi.org/10.1002/ajmg.a.33301>

Pisani, V., Stanzione, P., Meschini, A., Marziali, S., Garaci, F. G., Brancati, F., Nicoletti, A., Zappia, M., & Pisani, A. (2011). Putaminal, but not nigral alterations, characterize hemiparkinsonism-hemiatrophy syndrome: A case report. In *Movement Disorders* (Vol. 26, Issue 2, pp. 352–354). <https://doi.org/10.1002/mds.23357>

Centonze, D., Floris, R., Stefanini, M., Rossi, S., Fabiano, S., Castelli, M., Marziali, S., Spinelli, A., Motta, C., Garaci, F. G., Bernardi, G., & Simonetti, G. (2011). Proposed chronic cerebrospinal venous insufficiency criteria do not predict multiple sclerosis risk or severity. In *Annals of Neurology* (Vol. 70, Issue 1, pp. 52–59). <https://doi.org/10.1002/ana.22436>

Klopocki, E., Lohan, S., Brancati, F., Koll, R., Brehm, A., Seemann, P., Dathe, K., Stricker, S., Hecht, J., Bosse, K., Betz, R. C., Garaci, F. G., Dallapiccola, B., Jain, M., Muenke, M., Ng, V. C. W., Chan, W., Chan, D., & Mundlos, S. (2011). Copy-number variations involving the IHH locus are associated with syndactyly and craniosynostosis. In *American Journal of Human Genetics* (Vol. 88, Issue 1, pp. 70–75). <https://doi.org/10.1016/j.ajhg.2010.11.006>

Garaci, F. G., Marziali, S., Meschini, A., Fornari, M., Rossi, S., Melis, M., Fabiano, S., Stefanini, M., Simonetti, G., Centonze, D., & Floris, R. (2012). Brain hemodynamic changes associated with chronic cerebrospinal venous insufficiency are not specific to multiple sclerosis and do not increase its severity. In *Radiology* (Vol. 265, Issue 1, pp. 233–239). <https://doi.org/10.1148/radiol.12112245>

Floris, R., Centonze, D., Fabiano, S., Stefanini, M., Marziali, S., Giudice, C. D., Reale, C. A., Castelli, M., Garaci, F., Melis, M., Gandini, R., & Simonetti, G. (2012). Prevalence study of chronic cerebrospinal venous insufficiency in patients with multiple sclerosis: Preliminary data . In *Radiologia Medica* (Vol. 117, Issue 5, pp. 855–864). <https://doi.org/10.1007/s11547-011-0767-5>

Conte, A., Brancati, F., Garaci, F., Toschi, N., Bologna, M., Fabbrini, G., Falla, M., Dallapiccola, B., Bollero, P., Floris, R., & Berardelli, A. (2012). Kinematic and Diffusion Tensor Imaging Definition of Familial Marcus Gunn Jaw-Winking Synkinesis. In *PLoS ONE* (Vol. 7, Issue 12). <https://doi.org/10.1371/journal.pone.0051749>

Pardini, M., Elia, M., Garaci, F. G., Guida, S., Coniglione, F., Krueger, F., Benassi, F., & Emberti Gialloreti, L. (2012). Long-term cognitive and behavioral therapies, combined with augmentative communication, are related to uncinate fasciculus integrity in autism. In *Journal of Autism and Developmental Disorders* (Vol. 42, Issue 4, pp. 585–592). <https://doi.org/10.1007/s10803-011-1281-2>

Bolacchi, F., Garaci, F. G., Martucci, A., Meschini, A., Fornari, M., Marziali, S., Mancino, R., Squillaci, E., Floris, R., Cerulli, L., Simonetti, G., & Nucci, C. (2012). Differences between proximal versus distal intraorbital optic nerve diffusion tensor magnetic resonance imaging properties in glaucoma patients. In *Investigative Ophthalmology and Visual Science* (Vol. 53, Issue 7, pp. 4191–4196). <https://doi.org/10.1167/iovs.11-9345>

Nucci, C., Mancino, R., Martucci, A., Bolacchi, F., Manenti, G., Cedrone, C., Culasso, F., Floris, R., Cerulli, L., & Garaci, F. G. (2012). 3-T Diffusion tensor imaging of the optic nerve in subjects with glaucoma: Correlation with GDx-VCC, HRT-III and Stratus optical coherence tomography findings. In *British Journal of Ophthalmology* (Vol. 96, Issue 7, pp. 976–980). <https://doi.org/10.1136/bjophthalmol-2011-301280>

Nucci, C., Mancino, R., Martucci, A., Bolacchi, F., Manenti, G., Cedrone, C., Culasso, F., Floris, R., Cerulli, L., & Garaci, F. G. (2012). Comment on the role of 3T diffusion tensor imaging in glaucoma. In *British Journal of Ophthalmology* (Vol. 96, Issue 12, p. 1531). <https://doi.org/10.1136/bjophthalmol-2012-302472>

Teipel, S. J., Grothe, M., Lista, S., Toschi, N., Garaci, F. G., & Hampel, H. (2013). Relevance of Magnetic Resonance Imaging for Early Detection and Diagnosis of Alzheimer Disease. In *Medical Clinics of North America* (Vol. 97, Issue 3, pp. 399–424). <https://doi.org/10.1016/j.mcna.2012.12.013>

Lupattelli, T., Bellagamba, G., Righi, E., Di Donna, V., Flaishman, I., Fazioli, R., Garaci, F., & Onorati, P. (2013). Feasibility and safety of endovascular treatment for chronic cerebrospinal venous insufficiency in patients with multiple sclerosis. In *Journal of Vascular Surgery* (Vol. 58, Issue 6, pp. 1609–1618). <https://doi.org/10.1016/j.jvs.2013.05.108>

Moavero, R., Coniglio, A., Garaci, F., & Curatolo, P. (2013). Is mTOR inhibition a systemic treatment for tuberous sclerosis? In *Italian Journal of Pediatrics* (Vol. 39, Issue 1). <https://doi.org/10.1186/1824-7288-39-57>

Sarpa, M. G., Ferrazzoli, D., Massa, R., Garaci, F., Izzi, F., Romigi, A., Liguori, C., & Placidi, F. (2013). Paucisymptomatic Marchiafava-Bignami disease with relevant diffusion-weighted MRI lesions. In *International Journal of Neuroscience* (Vol. 123, Issue 10, pp. 738–740). <https://doi.org/10.3109/00207454.2013.795150>

Lista, S., Garaci, F. G., Toschi, N., & Hampel, H. (2013). Imaging epigenetics in Alzheimer's disease. In *Current Pharmaceutical Design* (Vol. 19, Issue 36, pp. 6393–6415). <https://doi.org/10.2174/13816128113199990370>

Nucci, C., Martucci, A., Cesareo, M., Mancino, R., Russo, R., Bagetta, G., Cerulli, L., & Garaci, F. G. (2013). Brain involvement in glaucoma: Advanced neuroimaging for understanding and monitoring a new target for therapy. In *Current Opinion in Pharmacology* (Vol. 13, Issue 1, pp. 128–133). <https://doi.org/10.1016/j.coph.2012.08.004>

Lo-Castro, A., Brancati, F., Digilio, M. C., Garaci, F. G., Bollero, P., Alfieri, P., & Curatolo, P. (2013). Neurobehavioral phenotype observed in KBG syndrome caused by ANKRD11 mutations. In *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics* (Vol. 162, Issue 1, pp. 17–23). <https://doi.org/10.1002/ajmg.b.32113>

Floris, R., Cozzolino, V., Meschini, A., Garaci, F., Konda, D., Marziali, S., Sallustio, F., di Legge, S., Claroni, G., Fanucci, E., Simonetti, G., & Stanzione2, P. (2014). Efficacy of systemic thrombolysis within 4.5 h from stroke symptom onset: A single-centre clinical and diffusion-perfusion 3T MRI study. In *Radiologia Medica* (Vol. 119, Issue 10, pp. 767–774). <https://doi.org/10.1007/s11547-014-0394-z>

Garaci, F., Toschi, N., Lanzafame, S., Meschini, A., Bertini, E., Simonetti, G., Santorelli, F. M., Guerrisi, M., & Floris, R. (2014). Diffusion tensor imaging in SPG11- and SPG4-linked hereditary spastic paraparesis. In *International Journal of Neuroscience* (Vol. 124, Issue 4, pp. 261–270). <https://doi.org/10.3109/00207454.2013.836705>

Hampel, H., Lista, S., Teipel, S. J., Garaci, F., Nisticò, R., Blennow, K., Zetterberg, H., Bertram, L., Duyckaerts, C., Bakardjian, H., Drzezga, A., Colliot, O., Epelbaum, S., Broich, K., Lehéricy, S., Brice, A., Khachaturian, Z. S., Aisen, P. S., & Dubois, B. (2014). Perspective on future role of biological markers in clinical therapy trials of Alzheimer's disease: A long-range point of view beyond 2020. In *Biochemical Pharmacology* (Vol. 88, Issue 4, pp. 426–449). <https://doi.org/10.1016/j.bcp.2013.11.009>

Stefanini, M., Fabiano, S., Garaci, F., Marziali, S., Meschini, A., Cama, V., Fornari, M., Rossi, S., Centonze, D., Gandini, R., Simonetti, G., & Floris, R. (2014). Phlebographic study does not show differences between patients with MS and control subjects. In *American Journal of Neuroradiology* (Vol. 35, Issue 6, pp. 1174–1179). <https://doi.org/10.3174/ajnr.A3816>

Lista, S., Garaci, F. G., Ewers, M., Teipel, S., Zetterberg, H., Blennow, K., & Hampel, H. (2014). CSF A β 1-42 combined with neuroimaging biomarkers in the early detection, diagnosis and prediction of Alzheimer's disease. In *Alzheimer's and Dementia* (Vol. 10, Issue 3, pp. 381–392). <https://doi.org/10.1016/j.jalz.2013.04.506>

Lista, S., Khachaturian, Z. S., Rujescu, D., Garaci, F., Dubois, B., & Hampel, H. (2015). Application of systems theory in longitudinal studies on the origin and progression of Alzheimer's disease. In *Systems Biology of Alzheimer's Disease* (pp. 49–67). https://doi.org/10.1007/978-1-4939-2627-5_2

Nucci, C., Martucci, A., Cesareo, M., Garaci, F., Morrone, L. A., Russo, R., Corasaniti, M. T., Bagetta, G., & Mancino, R. (2015). Links among glaucoma, neurodegenerative, and vascular diseases of the central nervous system. In *Progress in Brain Research* (Vol. 221, pp. 49–65). <https://doi.org/10.1016/bs.pbr.2015.04.010>

Garaci, F., Altobelli, S., Toschi, N., Mancino, R., Nucci, C., Schillaci, O., & Floris, R. (2015). Brain imaging in glaucoma from clinical studies to clinical practice. In *Progress in Brain Research* (Vol. 221, pp. 159–175). <https://doi.org/10.1016/bs.pbr.2015.06.004>

Garaci, F., Toschi, N., Lanzafame, S., Marfia, G. A., Marziali, S., Meschini, A., Di Giuliano, F., Simonetti, G., Guerrisi, M., Massa, R., & Floris, R. (2015). Brain MR diffusion tensor imaging in Kennedy's disease. In *Neuroradiology Journal* (Vol. 28, Issue 2, pp. 126–132). <https://doi.org/10.1177/1971400915581740>

Garaci, F., Marsili, L., Riant, F., Marziali, S., Cécillon, M., Pasquarelli, R., Sangiuolo, F., Floris, R., Novelli, G., Tournier-Lasserve, E., & Brancati, F. (2015). Cerebral cavernous malformations associated to meningioma: High penetrance in a novel family mutated in the PDCD10 gene. In *Neuroradiology Journal* (Vol. 28, Issue 3, pp. 289–293). <https://doi.org/10.1177/1971400915591688>

Liguori, C., Garaci, F., Romigi, A., Mercuri, N. B., Marciani, M. G., & Placidi, F. (2015). Bilateral thalamic stroke due to nasal ephedrine and naphazoline use. In *Neurological Sciences* (Vol. 36, Issue 7, pp. 1285–1286). <https://doi.org/10.1007/s10072-014-2030-z>

Albanese, M., Placidi, F., Romigi, A., Schirinzi, T., Liguori, C., Marchi, A., Garaci, F., Floris, R., Mercuri, N. B., Marciani, M. G., & Izzi, F. (2015). Symptomatic nonconvulsive status epilepticus erroneously suggestive of sporadic Creutzfeldt-Jakob disease. In *Journal of the Neurological Sciences* (Vol. 348, Issues 1–2, pp. 274–276). <https://doi.org/10.1016/j.jns.2014.11.012>

Lista, S., Molinuevo, J. L., Cavedo, E., Rami, L., Amouyel, P., Teipel, S. J., Garaci, F., Toschi, N., Habert, M.-O., Blennow, K., Zetterberg, H., O'Bryant, S. E., Johnson, L., Galluzzi, S., Bokde, A. L. W., Broich, K., Herholz, K., Bakardjian, H., Dubois, B., ... Hampel, H. (2015). Evolving Evidence for the Value of Neuroimaging Methods and Biological Markers in Subjects Categorized with Subjective Cognitive Decline. In *Journal of Alzheimer's Disease* (Vol. 48, Issue S1, pp. S171–S191). <https://doi.org/10.3233/JAD-150202>

Marziali, S., Di Giuliano, F., Picchi, E., Natoli, S., Leonardis, C., Leonardis, F., Garaci, F., & Floris, R. (2016). Non-convulsive status epilepticus in a patient with carbon-monoxide poisoning treated with hyperbaric oxygen therapy. In *Neuroradiology Journal* (Vol. 29, Issue 6, pp. 431–435). <https://doi.org/10.1177/1971400916665379>

- Lanzafame, S., Giannelli, M., Garaci, F., Floris, R., Duggento, A., Guerrisi, M., & Toschi, N. (2016). Differences in Gaussian diffusion tensor imaging and non-Gaussian diffusion kurtosis imaging model-based estimates of diffusion tensor invariants in the human brain. In *Medical Physics* (Vol. 43, Issue 5, pp. 2464–2475). <https://doi.org/10.1118/1.4946819>
- Marziali, S., Garaci, F., Di Giuliano, F., Chiaravalloti, A., Schirinzi, T., Davoli, A., Bozzao, A., & Floris, R. (2016). Transient MR-angiography changes associated with morphological alterations in epileptic seizure: A short case series. In *Journal of the Neurological Sciences* (Vol. 360, pp. 25–29). <https://doi.org/10.1016/j.jns.2015.11.027>
- Da Ros, V., Meschini, A., Gandini, R., Del Giudice, C., Garaci, F., Stanzione, P., Rizzato, B., Diomedi, M., Simonetti, G., Floris, R., & Sallustio, F. (2016). Proposal for a Vascular Computed Tomography-Based Grading System in Posterior Circulation Stroke: A Single-Center Experience. In *Journal of Stroke and Cerebrovascular Diseases* (Vol. 25, Issue 2, pp. 368–377). <https://doi.org/10.1016/j.jstrokecerebrovasdis.2015.10.008>
- Baldacci, F., Lista, S., Garaci, F., Bonuccelli, U., Toschi, N., & Hampel, H. (2016). Biomarker-guided classification scheme of neurodegenerative diseases. In *Journal of Sport and Health Science* (Vol. 5, Issue 4, pp. 383–387). <https://doi.org/10.1016/j.jshs.2016.08.007>
- Pardini, M., Garaci, F. G., Zaborszky, L., Coniglione, F., Serafini, G., Siracusano, M., Benassi, F., & Gialloreto, L. E. (2016). Meynert's nucleus complex white matter abnormalities in autism spectrum disorders: An MRI study. In *Journal of Intellectual Disability - Diagnosis and Treatment* (Vol. 4, Issue 4, pp. 185–190). <https://doi.org/10.6000/2292-2598.2016.04.04.1>
- Andreoli, A., Garaci, F., Cafarelli, F. P., & Guglielmi, G. (2016). Body composition in clinical practice. In *European Journal of Radiology* (Vol. 85, Issue 8, pp. 1461–1468). <https://doi.org/10.1016/j.ejrad.2016.02.005>
- Nucci, C., Russo, R., Martucci, A., Giannini, C., Garaci, F., Floris, R., Bagetta, G., & Morrone, L. A. (2016). New strategies for neuroprotection in glaucoma, a disease that affects the central nervous system. In *European Journal of Pharmacology* (Vol. 787, pp. 119–126). <https://doi.org/10.1016/j.ejphar.2016.04.030>
- Guglielmi, V., Floris, R., D'Adamo, M., Garaci, F., Novelli, G., & Sbraccia, P. (2016). Massive obesity and hyperphagia in posterior bilateral periventricular heterotopias: Case report. In *BMC Medical Genetics* (Vol. 17, Issue 1). <https://doi.org/10.1186/s12881-016-0282-6>
- Whitman, M. C., Andrews, C., Chan, W. .-M., Tischfield, M. A., Stasheff, S. F., Brancati, F., Ortiz-Gonzalez, X., Nuovo, S., Garaci, F., Mackinnon, S. E., Hunter, D. G., Grant, P. E., & Engle, E. C. (2016). Two unique TUBB3 mutations cause both CFEOM3 and malformations of cortical development. In *American Journal of Medical Genetics, Part A* (Vol. 170, Issue 2, pp. 297–305). <https://doi.org/10.1002/ajmg.a.37362>
- Squillaci, E., Bolacchi, F., Scaggiante, J., Ricci, F., Pugliese, L., Bergamini, A., Garaci, F., & Floris, R. (2017). Inappropriateness of diagnostic imaging examinations in the inpatient setting: a case study research. In *Radiologia Medica* (Vol. 122, Issue 3, pp. 221–227). <https://doi.org/10.1007/s11547-016-0708-4>
- Marziali, S., Picchi, E., Di Giuliano, F., Altobelli, S., Mataluni, G., Marfia, G., Garaci, F., & Floris, R. (2017). Acute disseminated encephalomyelitis following *Campylobacter jejuni*

gastroenteritis: Case report and review of the literature. In *Neuroradiology Journal* (Vol. 30, Issue 1, pp. 65–70). <https://doi.org/10.1177/1971400916680123>

Lista, S., Toschi, N., Baldacci, F., Zetterberg, H., Blennow, K., Kilimann, I., Teipel, S. J., Cavedo, E., dos Santos, A. M., Epelbaum, S., Lamari, F., Dubois, B., Floris, R., Garaci, F., Hampel, H., & (APMI), A. P. M. I. (2017). Diagnostic accuracy of CSF neurofilament light chain protein in the biomarker-guided classification system for Alzheimer's disease. In *Neurochemistry International* (Vol. 108, pp. 355–360). <https://doi.org/10.1016/j.neuint.2017.05.010>

Lista, S., Garaci, F., Toschi, N., & Hampel, H. (2017). Early detection, prediction, and prognosis of Alzheimer's disease. In *Medical Ethics, Prediction, and Prognosis: Interdisciplinary Perspectives* (pp. 156–174). <https://doi.org/10.4324/9781315208084>

Lista, S., Toschi, N., Baldacci, F., Zetterberg, H., Blennow, K., Kilimann, I., Teipel, S. J., Cavedo, E., Dos Santos, A. M., Éphane Epelbaum, S., Lamari, F., Dubois, B., Nisticò, R., Floris, R., Garaci, F., & Hampel, H. (2017). Cerebrospinal fluid neurogranin as a biomarker of neurodegenerative diseases: A cross-sectional study. In *Journal of Alzheimer's Disease* (Vol. 59, Issue 4, pp. 1327–1334). <https://doi.org/10.3233/JAD-170368>

Baldacci, F., Toschi, N., Lista, S., Zetterberg, H., Blennow, K., Kilimann, I., Teipel, S., Cavedo, E., dos Santos, A. M., Epelbaum, S., Lamari, F., Dubois, B., Floris, R., Garaci, F., Bonuccelli, U., & Hampel, H. (2017). Two-level diagnostic classification using cerebrospinal fluid YKL-40 in Alzheimer's disease. In *Alzheimer's and Dementia* (Vol. 13, Issue 9, pp. 993–1003). <https://doi.org/10.1016/j.jalz.2017.01.021>

Di Giuliano, F., Albanese, M., Picchi, E., Mori, F., Buttari, F., Marfia, G. A., Garaci, F., Mercuri, N. B., Floris, R., Centonze, D., & Marziali, S. (2018). Abnormal cervical lymph nodes in multiple sclerosis: a preliminary ultrasound study. In *Radiologia Medica* (Vol. 123, Issue 3, pp. 202–208). <https://doi.org/10.1007/s11547-017-0829-4>

Martucci, A., Toschi, N., Cesareo, M., Giannini, C., Pocobelli, G., Garaci, F., Mancino, R., & Nucci, C. (2018). Spectral Domain Optical Coherence Tomography Assessment of Macular and Optic Nerve Alterations in Patients with Glaucoma and Correlation with Visual Field Index. In *Journal of Ophthalmology* (Vol. 2018). <https://doi.org/10.1155/2018/6581846>

Hampel, H., Toschi, N., Babiloni, C., Baldacci, F., Black, K. L., Bokde, A. L. W., Bun, R. S., Cacciola, F., Cavedo, E., Chiesa, P. A., Colliot, O., Coman, C.-M., Dubois, B., Duggento, A., Durriezman, S., Ferretti, M.-T., George, N., Genton, R., Habert, M.-O., ... Lista, S. (2018). Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. In *Journal of Alzheimer's Disease* (Vol. 64, Issue s1, pp. S47–S105). <https://doi.org/10.3233/JAD-179932>

Teipel, S. J., Cavedo, E., Hampel, H., Grothe, M. J., Aguilar, L. F., Babiloni, C., Baldacci, F., Benda, N., Black, K. L., Bokde, A. L. W., Bonuccelli, U., Broich, K., Bun, R. S., Cacciola, F., Castrillo, J., Ceravolo, R., chiesa, P. A., Colliot, O., Coman, C.-M., ... (APMI), A. P. M. I. (2018). Basal forebrain volume, but not hippocampal volume, is a predictor of global cognitive decline in patients with alzheimer's disease treated with cholinesterase inhibitors. In *Frontiers in Neurology* (Vol. 9, Issue AUG). <https://doi.org/10.3389/fneur.2018.00642>

Di Caprera, E., De Corato, L., Giuricin, V., Pensabene, M. C., Marfia, G., Melis, M., Garaci, F., & Floris, R. (2018). Cerebral venous thrombosis presenting like a subdural hemorrhage at

magnetic resonance imaging: An Italian case report. In *European Journal of Radiology Open* (Vol. 5, pp. 31–34). <https://doi.org/10.1016/j.ejro.2017.12.001>

Picchi, E., Di Giuliano, F., Ferrari, D., Pistolese, C. A., Garaci, F., & Floris, R. (2018). Pleural thymoma: Radiological and histological findings. In *European Journal of Radiology Open* (Vol. 5, pp. 147–152). <https://doi.org/10.1016/j.ejro.2018.08.003>

Hampel, H., Toschi, N., Baldacci, F., Zetterberg, H., Blennow, K., Kilimann, I., Teipel, S. J., Cavedo, E., Melo dos Santos, A., Epelbaum, S., Lamari, F., Genthon, R., Dubois, B., Floris, R., Garaci, F., Lista, S., & (APMI), A. P. M. I. (2018). Alzheimer's disease biomarker-guided diagnostic workflow using the added value of six combined cerebrospinal fluid candidates: A β 1–42, total-tau, phosphorylated-tau, NFL, neurogranin, and YKL-40. In *Alzheimer's and Dementia* (Vol. 14, Issue 4, pp. 492–501). <https://doi.org/10.1016/j.jalz.2017.11.015>

Cavedo, E., Chiesa, P. A., Houot, M., Ferretti, M. T., Grothe, M. J., Teipel, S. J., Lista, S., Habert, M.-O., Potier, M.-C., Dubois, B., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., Chiesa, P., Colliot, O., ... (APMI), A. P. M. I. (2018). Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. In *Alzheimer's and Dementia* (Vol. 14, Issue 9, pp. 1204–1215). <https://doi.org/10.1016/j.jalz.2018.05.014>

Vergallo, A., Bun, R.-S., Toschi, N., Baldacci, F., Zetterberg, H., Blennow, K., Cavedo, E., Lamari, F., Habert, M.-O., Dubois, B., Floris, R., Garaci, F., Lista, S., Hampel, H., Audrain, C., Auffret, A., Bakardjian, H., Batrancourt, B., Benakki, I., ... (APMI), A. P. M. I. (2018). Association of cerebrospinal fluid α -synuclein with total and phospho-tau181 protein concentrations and brain amyloid load in cognitively normal subjective memory complainers stratified by Alzheimer's disease biomarkers. In *Alzheimer's and Dementia* (Vol. 14, Issue 12, pp. 1623–1631). <https://doi.org/10.1016/j.jalz.2018.06.3053>

Garaci, F. G., Vasili, E., Bocchinfuso, F., Lacchè, A., & Floris, R. (2019). Post-traumatic superior mesenteric venous thrombosis with subsequent extension to the portal vein. In *Radiology Case Reports* (Vol. 14, Issue 2, pp. 151–155). <https://doi.org/10.1016/j.radcr.2018.10.014>

Di Giuliano, F., Picchi, E., Lacchè, A., Bozzi, A., Cavalieri, Y., Garaci, F., & Floris, R. (2019). Congenital kidney malformation: Computed tomography and scintigraphy findings of renal reversed rotation. In *Radiology Case Reports* (Vol. 14, Issue 6, pp. 678–682). <https://doi.org/10.1016/j.radcr.2019.03.004>

Garaci, F. G., Vasili, E., Bocchinfuso, F., Lacchè, A., Nardone, V., Di Donna, C., Spiritigliozi, L., & Floris, R. (2019). Paucisymptomatic pulmonary and right ear tuberculosis in young woman suffering from anorexia and bulimia nervosa. In *Radiology Case Reports* (Vol. 14, Issue 3, pp. 423–426). <https://doi.org/10.1016/j.radcr.2018.10.019>

Di Giuliano, F., Picchi, E., Scaggiante, J., Ferrante, P., Misciasci, T., Da Ros, V., Pistolese, C. A., Floris, R., & Garaci, F. (2019). Posterior reversible encephalopathy syndrome and Wernicke encephalopathy in patient with acute graft-versus-host disease. In *Radiology Case Reports* (Vol. 14, Issue 8, pp. 971–976). <https://doi.org/10.1016/j.radcr.2019.05.024>

Di Giuliano, F., Picchi, E., Sallustio, F., Ferrazzoli, V., Alemsegued, F., Greco, L., Minosse, S., Da Ros, V., Diomedi, M., Garaci, F., Marziali, S., & Floris, R. (2019). Accuracy of advanced CT imaging in prediction of functional outcome after endovascular treatment in patients with

large-vessel occlusion. In *Neuroradiology Journal* (Vol. 32, Issue 1, pp. 62–70).
<https://doi.org/10.1177/1971400918805710>

Toschi, N., Lista, S., Baldacci, F., Cavedo, E., Zetterberg, H., Blennow, K., Kilimann, I., Teipel, S. J., Melo dos Santos, A., Epelbaum, S., Lamari, F., Genton, R., Habert, M.-O., Dubois, B., Floris, R., Garaci, F., Vergallo, A., Hampel, H., Bakardjian, H., ... (APMI), A. P. M. I. (2019). Biomarker-guided clustering of Alzheimer's disease clinical syndromes. In *Neurobiology of Aging* (Vol. 83, pp. 42–53). <https://doi.org/10.1016/j.neurobiolaging.2019.08.032>

Garaci, F., Picchi, E., Di Giuliano, F., Lanzafame, S., Minosse, S., Manenti, G., Pistoiese, C. A., Sarmati, L., Teti, E., Andreoni, M., Floris, R., & Toschi, N. (2019). Cerebral Multishell Diffusion Imaging Parameters are Associated with Blood Biomarkers of Disease Severity in HIV Infection. In *Journal of Neuroimaging* (Vol. 29, Issue 6, pp. 771–778).
<https://doi.org/10.1111/jon.12655>

Minosse, S., Garaci, F., Martucci, A., Lanzafame, S., Giuliano, F. D., Picchi, E., Cesareo, M., Mancino, R., Guerrisi, M., Pistoiese, C. A., Floris, R., Nucci, C., & Toschi, N. (2019). Primary open angle glaucoma is associated with functional brain network reorganization. In *Frontiers in Neurology* (Vol. 10, Issue OCT). <https://doi.org/10.3389/fneur.2019.01134>

Greco, L., Chegai, F., Pensabene, M. C., De Corato, L., Pampana, E., Lenci, I., Garaci, F., Floris, R., & Melis, M. (2019). Early detection of hepatic encephalopathy after transjugular intrahepatic portosystemic shunt using multiparametric magnetic resonance with spectroscopy. In *European Journal of Radiology Open* (Vol. 6, pp. 350–357).
<https://doi.org/10.1016/j.ejro.2019.09.002>

Picchi, E., Di Giuliano, F., Marziali, S., Minosse, S., Ferrazzoli, V., Da Ros, V., Gaziev, J., Pistoiese, C. A., Floris, R., & Garaci, F. (2019). Radiological findings of Posterior Reversible Encephalopathy Syndrome in transplanted children previous affected by hemoglobinopathy: A neuroimaging retrospective analysis. In *European Journal of Radiology Open* (Vol. 6, pp. 144–151). <https://doi.org/10.1016/j.ejro.2019.03.001>

Hampel, H., Vergallo, A., Afshar, M., Akman-Anderson, L., Arenas, J., Benda, N., Batrla, R., Broich, K., Caraci, F., Cuello, A. C., Emanuele, E., Haberkamp, M., Kiddle, S. J., Lucía, A., Mapstone, M., Verdooner, S. R., Woodcock, J., Lista, S., Aguilar, L. F., ... (APMI), A. P. M. I. (2019). Blood-based systems biology biomarkers for next-generation clinical trials in Alzheimer's disease. In *Dialogues in Clinical Neuroscience* (Vol. 21, Issue 2, pp. 177–191).
<https://doi.org/10.31887/DCNS.2019.21.2/hhampel>

Mancino, R., Cesareo, M., Martucci, A., Carlo, E. D., Ciuffoletti, E., Giannini, C., Morrone, L. A., Nucci, C., & Garaci, F. (2019). Neurodegenerative process linking the eye and the brain. In *Current Medicinal Chemistry* (Vol. 26, Issue 20, pp. 3754–3763).
<https://doi.org/10.2174/0929867325666180307114332>

Sinibaldi, L., Parisi, V., Lanciotti, S., Fontana, P., Kuechler, A., Baujat, G., Torres, B., Koetting, J., Splendiani, A., Postorivo, D., Beygo, J., Garaci, F. G., Malan, V., Lüdecke, H.-J., Guida, V., Krumbiegel, M., Lonardo, F., Novelli, A., Albrecht, B., ... Bernardini, L. (2019). Delineation of MidXq28-duplication syndrome distal to MECP2 and proximal to RAB39B genes. In *Clinical Genetics* (Vol. 96, Issue 3, pp. 246–253). <https://doi.org/10.1111/cge.13565>

Chiesa, P. A., Cavedo, E., Vergallo, A., Lista, S., Potier, M.-C., Habert, M.-O., Dubois, B., Thiebaut de Schotten, M., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., Chiesa, P., Colliot, O., Dubois, M., Epelbaum, S., ... (APMI), A. P. M. I. (2019). Differential default mode network trajectories in asymptomatic individuals at risk for Alzheimer's disease. In *Alzheimer's and Dementia* (Vol. 15, Issue 7, pp. 940–950). <https://doi.org/10.1016/j.jalz.2019.03.006>

Vergallo, A., Houot, M., Cavedo, E., Lemercier, P., Vanmechelen, E., De Vos, A., Habert, M.-O., Potier, M.-C., Dubois, B., Lista, S., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., Chiesa, P., Colliot, O., ... (APMI), A. P. M. I. (2019). Brain A β load association and sexual dimorphism of plasma BACE1 concentrations in cognitively normal individuals at risk for AD. In *Alzheimer's and Dementia* (Vol. 15, Issue 10, pp. 1274–1285). <https://doi.org/10.1016/j.jalz.2019.07.001>

Vergallo, A., Mégret, L., Lista, S., Cavedo, E., Zetterberg, H., Blennow, K., Vanmechelen, E., De Vos, A., Habert, M.-O., Potier, M.-C., Dubois, B., Neri, C., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., ... (APMI), A. P. M. I. (2019). Plasma amyloid β 40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. In *Alzheimer's and Dementia* (Vol. 15, Issue 6, pp. 764–775). <https://doi.org/10.1016/j.jalz.2019.03.009>

Minosse, S., Garaci, F., Martucci, A., Lanzafame, S., Di Giuliano, F., Picchi, E., Cesareo, M., Mancino, R., Guerrisi, M., Floris, R., Nucci, C., & Toschi, N. (2019). *Disruption of brain network organization in primary open angle glaucoma* (pp. 4338–4341). <https://doi.org/10.1109/EMBC.2019.8857290>

Fraioli, M. F., Scalia, G., Garaci, F. G., Fraioli, C., Lunardi, P., & Umana, G. E. (2020). Letter to the Editor Regarding "Possible Prognostic Role of Magnetic Resonance Imaging Findings in Patients with Trigeminal Neuralgia and Multiple Sclerosis who Underwent Percutaneous Balloon Compression: Report of Our Series and Literature Review." In *World Neurosurgery* (Vol. 136, pp. 433–434). <https://doi.org/10.1016/j.wneu.2020.01.063>

Martucci, A., Cesareo, M., Toschi, N., Garaci, F., Bagetta, G., & Nucci, C. (2020). Brain networks reorganization and functional disability in glaucoma. In *Progress in Brain Research* (Vol. 257, pp. 65–76). <https://doi.org/10.1016/bs.pbr.2020.07.007>

Di Giuliano, F., Picchi, E., Muto, M., Calcagni, A., Ferrazzoli, V., Da Ros, V., Minosse, S., Chiaravalloti, A., Garaci, F., Floris, R., & Muto, M. (2020). Radiological imaging in multiple myeloma: review of the state-of-the-art. In *Neuroradiology* (Vol. 62, Issue 8, pp. 905–923). <https://doi.org/10.1007/s00234-020-02417-9>

Di Ciò, F., Garaci, F., Minosse, S., Passamonti, L., Martucci, A., Lanzafame, S., Di Giuliano, F., Picchi, E., Cesareo, M., Guerrisi, M. G., Floris, R., Nucci, C., & Toschi, N. (2020). Reorganization of the structural connectome in primary open angle Glaucoma. In *NeuroImage: Clinical* (Vol. 28). <https://doi.org/10.1016/j.nicl.2020.102419>

Vergallo, A., Lista, S., Lemercier, P., Chiesa, P. A., Zetterberg, H., Blennow, K., Potier, M.-C., Habert, M.-O., Baldacci, F., Cavedo, E., Caraci, F., Dubois, B., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., ... (APMI), A. P. M. I. (2020). Association of plasma YKL-40 with brain amyloid- β levels, memory performance, and

sex in subjective memory complainers. In *Neurobiology of Aging* (Vol. 96, pp. 22–32). <https://doi.org/10.1016/j.neurobiolaging.2020.07.009>

Di Giuliano, F., Minosse, S., Picchi, E., Marfia, G. A., Da Ros, V., Muto, M., Muto, M., Pistolese, C. A., Laghi, A., Garaci, F., & Floris, R. (2020). Comparison between synthetic and conventional magnetic resonance imaging in patients with multiple sclerosis and controls. In *Magnetic Resonance Materials in Physics, Biology and Medicine* (Vol. 33, Issue 4, pp. 549–557). <https://doi.org/10.1007/s10334-019-00804-9>

Garaci, F., Di Giuliano, F., Picchi, E., Da Ros, V., & Floris, R. (2020). Venous cerebral thrombosis in COVID-19 patient. In *Journal of the Neurological Sciences* (Vol. 414). <https://doi.org/10.1016/j.jns.2020.116871>

Nucci, C., Garaci, F., Altobelli, S., Di Ciò, F., Martucci, A., Aiello, F., Lanzafame, S., Di G Iuliano, F., Picchi, E., Minosse, S., Cesareo, M., Guerrisi, M. G., Floris, R., Passamonti, L., & Toschi, N. (2020). Diffusional kurtosis imaging of white matter degeneration in glaucoma. In *Journal of Clinical Medicine* (Vol. 9, Issue 10, pp. 1–13). <https://doi.org/10.3390/jcm9103122>

Umana, G. E., Scalia, G., Perrone, C., Garaci, F., Pagano, A., De Luna, A., Cicero, S., Visocchi, M., Nicoletti, G. F., Germanò, A., & Lunardi, P. (2020). Safety and efficacy of navigated trocarless pedicle screw placement: Technical note. In *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* (Vol. 21). <https://doi.org/10.1016/j.inat.2020.100771>

Pugliese, L., Paolo Sbordone, F., Grimaldi, F., Ricci, F., Tosto, F. D. I., Spiritigliozi, L., Donna, C. D. I., Presicce, M., Stasio, V. D. E., Benelli, L., D'Errico, F., Pasqualetto, M., Maria Legramante, J., Materazzo, M., Pellicciaro, M., Claudio Buonomo, O., Vanni, G., Rizza, S., Bellia, A., ... Chiocchi, M. (2020). Chest Computed Tomography Scoring in Patients with Novel Coronavirus-infected Pneumonia: Correlation with Clinical and Laboratory Features and Disease Outcome. In *In Vivo* (Vol. 34, Issue 6, pp. 3735–3746). <https://doi.org/10.21873/invivo.12223>

Hampel, H., Caraci, F., Cuello, A. C., Caruso, G., Nisticò, R., Corbo, M., Baldacci, F., Toschi, N., Garaci, F., Chiesa, P. A., Verdooner, S. R., Akman-Anderson, L., Hernández, F., Ávila, J., Emanuele, E., Valenzuela, P. L., Lucía, A., Watling, M., Imbimbo, B. P., ... (APMI), A. P. M. I. (2020). A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. In *Frontiers in Immunology* (Vol. 11). <https://doi.org/10.3389/fimmu.2020.00456>

Baldacci, F., Lista, S., Manca, M. L., Chiesa, P. A., Cavedo, E., Lemercier, P., Zetterberg, H., Blennow, K., Habert, M.-O., Potier, M. C., Dubois, B., Vergallo, A., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., ... group, the I. study. (2020). Age and sex impact plasma NFL and t-Tau trajectories in individuals with subjective memory complaints: a 3-year follow-up study. In *Alzheimer's Research and Therapy* (Vol. 12, Issue 1). <https://doi.org/10.1186/s13195-020-00704-4>

Hampel, H., Lista, S., Vanmechelen, E., Zetterberg, H., Giorgi, F. S., Galgani, A., Blennow, K., Caraci, F., Das, B., Yan, R., Vergallo, A., Aguilar, L. F., Akman-Anderson, L., Arenas, J., Ávila, J., Babiloni, C., Baldacci, F., Batrla, R., Benda, N., ... (APMI), for the A. P. M. I. (2020). β -Secretase1 biological markers for Alzheimer's disease: state-of-art of validation and qualification. In *Alzheimer's Research and Therapy* (Vol. 12, Issue 1). <https://doi.org/10.1186/s13195-020-00686-3>

Minosse, S., Garaci, F., Martino, F., Mauro, R. D., Melis, M., Giuliano, F. D., Picchi, E., Floris, R., Guerrisi, M., Girolamo, S. D., & Toschi, N. (2020). *Global and local reorganization of brain network connectivity in sudden sensorineural hearing loss* (Vols. 2020-July, pp. 1730–1733). <https://doi.org/10.1109/EMBC44109.2020.9175688>

Minosse, S., Picchi, E., Giuliano, F. D., Lanzafame, S., Manenti, G., Pistolese, C. A., Sarmati, L., Teti, E., Andreoni, M., Floris, R., Guerrisi, M., Garaci, F., & Toschi, N. (2020). *Disruption of brain network organization in patients with human immunodeficiency virus (HIV) infection* (Vols. 2020-July, pp. 1726–1729). <https://doi.org/10.1109/EMBC44109.2020.9176449>

Di Cio, F., Garaci, F., Minosse, S., Passamonti, L., Martucci, A., Lanzafame, S., Di Giuliano, F., Picchi, E., Mancino, R., Guerrisi, M., Nucci, C., Floris, R., & Toschi, N. (2020). *Disruption of structural brain networks in Primary Open Angle Glaucoma* (Vols. 2020-July, pp. 1705–1708). <https://doi.org/10.1109/EMBC44109.2020.9175417>

Vergallo, A., Lista, S., Zhao, Y., Lemercier, P., Teipel, S. J., Potier, M.-C., Habert, M.-O., Dubois, B., Lukiw, W. J., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., Cavedo, E., Chiesa, P., Colliot, O., ... (APMI), the A. P. M. I. (2021). MiRNA-15b and miRNA-125b are associated with regional A β -PET and FDG-PET uptake in cognitively normal individuals with subjective memory complaints. In *Translational Psychiatry* (Vol. 11, Issue 1). <https://doi.org/10.1038/s41398-020-01184-8>

Chiocchi, M., D'Errico, F., De Stasio, V., Di Tosto, F., Pugliese, L., Di Donna, C., Spiritigliozi, L., Benelli, L., Masala, S., Caterino, L., Vanni, G., Pasqualetto, M., Cerimele, C., Sbordone, F., Grimaldi, F., Cesareni, M., Luciano, A., Laudazi, M., Rellini, C., ... Garaci, F. (2021). Pseudoaneurysm of the aortic root following aortic valve endocarditis - a case with 2 rare life-threatening complications. In *Radiology Case Reports* (Vol. 16, Issue 12, pp. 3703–3707). <https://doi.org/10.1016/j.radcr.2021.08.066>

Chiocchi, M., Di Donna, C., Intorcia, A., Pugliese, L., De Stasio, V., Di Tosto, F., Spiritigliozi, L., D'Errico, F., Benelli, L., Pasqualetto, M., Cerimele, C., Cesareni, M., Grimaldi, F., Sbordone, F. P., Luciano, A., Laudazi, M., Rellini, C., Romeo, A., Vanni, G., ... Garaci, F. G. (2021). A rare case of a giant circumflex coronary artery aneurysm 10 years after bentall surgery. In *Radiology Case Reports* (Vol. 16, Issue 7, pp. 1749–1753). <https://doi.org/10.1016/j.radcr.2021.03.065>

Di Giuliano, F., Minosse, S., Picchi, E., Ferrazzoli, V., Da Ros, V., Muto, M., Pistolese, C. A., Garaci, F., & Floris, R. (2021). Qualitative and quantitative analysis of 3D T1 Silent imaging. In *Radiologia Medica* (Vol. 126, Issue 9, pp. 1207–1215). <https://doi.org/10.1007/s11547-021-01380-6>

Penner, G., Lecocq, S., Chopin, A., Vedoya, X., Lista, S., Vergallo, A., Cavedo, E., Lejeune, F.-X., Dubois, B., Hampel, H., Bakardjian, H., Benali, H., Bertin, H., Bonheur, J., Boukadida, L., Boukerrou, N., Chiesa, P. A., Colliot, O., Dubois, M., ... (APMI), A. P. M. I. (2021). Aptamarker prediction of brain amyloid- β status in cognitively normal individuals at risk for Alzheimer's disease. In *PLoS ONE* (Vol. 16, Issue 1 January). <https://doi.org/10.1371/journal.pone.0243902>

Minosse, S., Garaci, F., Martino, F., Di Mauro, R., Melis, M., Di Giuliano, F., Picchi, E., Guerrisi, M., Floris, R., Di Girolamo, S., & Toschi, N. (2021). Global and local brain connectivity

changes associated with sudden unilateral sensorineural hearing loss. In *NMR in Biomedicine* (Vol. 34, Issue 8). <https://doi.org/10.1002/nbm.4544>

Picchi, E., Ferrazzoli, V., Pizzicannella, G., Pucci, N., Pitocchi, F., Valente, F., Minosse, S., Izzi, F., Schirinzi, T., Bonomi, C., Aiello, C., Floris, R., Garaci, F., & Di Giuliano, F. (2021). Neuroimaging findings in leukoencephalopathy with calcifications and cysts: case report and review of the literature. In *Neurological Sciences* (Vol. 42, Issue 11, pp. 4471–4487). <https://doi.org/10.1007/s10072-021-05560-0>

Minosse, S., Picchi, E., Di Giuliano, F., Sarmati, L., Teti, E., Pistolese, C. A., Lanzafame, S., Di Ciò, F., Guerrisi, M., Andreoni, M., Floris, R., Toschi, N., & Garaci, F. (2021). Functional brain network reorganization in HIV infection. In *Journal of Neuroimaging* (Vol. 31, Issue 4, pp. 796–808). <https://doi.org/10.1111/jon.12861>

de Stasio, V., Cavallo, A. U., Spiritigliozi, L., Pugliese, L., Presicce, M., Donna, C. D., Tosto, F. D., Pasqualetto, M., D'Errico, F., Benelli, L., Sbordone, F. P., Grimaldi, F., Cerimele, C., Vanni, G., Romeo, F., Floris, R., Garaci, F., & Chiocchi, M. (2021). Relationship between septo-valvular angle and risk of pacemaker implantation after transcatheter aortic valve implantation: A preliminary study. In *Journal of Cardiovascular Medicine* (Vol. 22, Issue 9, pp. 716–722). <https://doi.org/10.2459/JCM.00000000000001181>

López-Ortiz, S., Pinto-Fraga, J., Valenzuela, P. L., Martín-Hernández, J., Seisdedos, M. M., García-López, O., Toschi, N., Di Giuliano, F., Garaci, F., Mercuri, N. B., Nisticò, R., Emanuele, E., Lista, S., Lucia, A., & Santos-Lozano, A. (2021). Physical exercise and alzheimer's disease: Effects on pathophysiological molecular pathways of the disease. In *International Journal of Molecular Sciences* (Vol. 22, Issue 6, pp. 1–29). <https://doi.org/10.3390/ijms22062897>

Da Ros, V., Picchi, E., Ferrazzoli, V., Schirinzi, T., Sabuzi, F., Grillo, P., Muto, M., Garaci, F., Muto, M., & Di Giuliano, F. (2021). Spinal vascular lesions: anatomy, imaging techniques and treatment. In *European Journal of Radiology Open* (Vol. 8). <https://doi.org/10.1016/j.ejro.2021.100369>

Marciano, F., Venutolo, G., Ingenito, C. M., Verbeni, A., Terracciano, C., Plunk, E., Garaci, F., Cavallo, A., & Fasano, A. (2021). Artificial intelligence: The “trait d’union” in different analysis approaches of autism spectrum disorder studies. In *Current Medicinal Chemistry* (Vol. 28, Issue 32, pp. 6591–6618). <https://doi.org/10.2174/092986732866210203205221>

Cavallo, A. U., Troisi, J., Forcina, M., Mari, P.-V., Forte, V., Sperandio, M., Pagano, S., Cavallo, P., Floris, R., & Garaci, F. (2021). Texture analysis in the evaluation of covid-19 pneumonia in chest x-ray images: A proof of concept study. In *Current Medical Imaging* (Vol. 17, Issue 9, pp. 1094–1102). <https://doi.org/10.2174/1573405617999210112195450>

Gurnari, C., Breccia, M., Di Giuliano, F., Scalzulli, E., Divona, M., Piciocchi, A., Cicconi, L., De Bellis, E., Venditti, A., Del Principe, M. I., Arcese, W., Lo-Coco, F., Garaci, F., & Voso, M. T. (2021). Early intracranial haemorrhages in acute promyelocytic leukaemia: analysis of neuroradiological and clinico-biological parameters. In *British Journal of Haematology* (Vol. 193, Issue 1, pp. 129–132). <https://doi.org/10.1111/bjh.17018>

Hampel, H., Nisticò, R., Seyfried, N. T., Levey, A. I., Modeste, E., Lemercier, P., Baldacci, F., Toschi, N., Garaci, F., Perry, G., Emanuele, E., Valenzuela, P. L., Lucia, A., Urbani, A., Sancesario, G. M., Mapstone, M., Corbo, M., Vergallo, A., Lista, S., & (APMI), for the A. P.

M. I. (2021). Omics sciences for systems biology in Alzheimer's disease: State-of-the-art of the evidence. In *Ageing Research Reviews* (Vol. 69). <https://doi.org/10.1016/j.arr.2021.101346>

Di Cio, F., Minosse, S., Picchi, E., Di Giuliano, F., Sarmati, L., Teti, E., Andreoni, M., Floris, R., Guerrisi, M., Garaci, F., & Toschi, N. (2021). *Whole-brain white matter network reorganization in HIV* (pp. 3830–3833). <https://doi.org/10.1109/EMBC46164.2021.9629503>

Minosse, S., Picchi, E., Giuliano, F. D., Di Cio, F., Pistoiese, C. A., Sarmati, L., Teti, E., Andreoni, M., Floris, R., Guerrisi, M., Garaci, F., & Toschi, N. (2021). *Compartmental models for diffusion weighted MRI reveal widespread brain changes in HIV-infected patients* (pp. 3834–3837). <https://doi.org/10.1109/EMBC46164.2021.9629510>

Giuliano, F. D., Perretta, T., Pitocchi, F., Pucci, N., Serio, M. L., Caliandro, A., Picchi, E., Ferrazzoli, V., Pistoiese, C. A., Garaci, F., & Floris, R. (2022). Coexistence of primary central nervous system lymphoma and primary breast lymphoma: Clinical presentation, imaging features, and treatment management. In *Radiology Case Reports* (Vol. 17, Issue 7, pp. 2470–2476). <https://doi.org/10.1016/j.radcr.2022.04.005>

Cavallo, A. U., Di Donna, C., Troisi, J., Cerimele, C., Cesareni, M., Chiocchi, M., Floris, R., & Garaci, F. (2022). Radiomics analysis of short tau inversion recovery images in cardiac magnetic resonance for the prediction of late gadolinium enhancement in patients with acute myocarditis. In *Magnetic Resonance Imaging* (Vol. 94, pp. 168–173). <https://doi.org/10.1016/j.mri.2022.09.004>

Chiocchi, M., Pugliese, L., D'Errico, F., Di Tosto, F., Cerimele, C., Pasqualetto, M., De Stasio, V., Presicce, M., Spiritigliozi, L., Di Donna, C., Benelli, L., Sbordone, F. P., Grimaldi, F., Cammalleri, V., De Vico, P., Muscoli, S., Romeo, A., Vanni, G., Romeo, F., ... Di Luozzo, M. (2022). Transcatheter aortic valve implantation in patients with unruptured aortic root pseudoaneurysm: An observational study. In *Journal of Cardiovascular Medicine* (Vol. 23, Issue 3, pp. 185–190). <https://doi.org/10.2459/JCM.0000000000001253>

Pugliese, L., Ricci, F., Luciano, A., De Stasio, V., Presicce, M., Spiritigliozi, L., Di Tosto, F., Di Donna, C., D'Errico, F., Benelli, L., Pasqualetto, M., Grimaldi, F., Mecchia, D., Sbordone, P., Cesareni, M., Cerimele, C., Cerocchi, M., Laudazi, M., Leomanni, P., ... Chiocchi, M. (2022). Role of computed tomography in transcatheter replacement of “other valves”: a comprehensive review of preprocedural imaging. In *Journal of Cardiovascular Medicine* (Vol. 23, Issue 9, pp. 575–588). <https://doi.org/10.2459/JCM.0000000000001362>

Di Giuliano, F., Picchi, E., Pucci, N., Minosse, S., Ferrazzoli, V., Pizzicannella, G., Angeloni, C., Nasso, D., Chiaravalloti, A., Garaci, F., & Floris, R. (2022). Comparison between diffusion-weighted magnetic resonance and positron-emission tomography in the evaluation of treated lymphomas with mediastinal involvement. In *Egyptian Journal of Radiology and Nuclear Medicine* (Vol. 53, Issue 1). <https://doi.org/10.1186/s43055-022-00825-w>

Cavallo, A. U., Troisi, J., Muscogiuri, E., Cavallo, P., Rajagopalan, S., Citro, R., Bossone, E., McVeigh, N., Forte, V., Di Donna, C., Giannini, F., Floris, R., Garaci, F., & Sperandio, M. (2022). Cardiac Computed Tomography Radiomics-Based Approach for the Detection of Left Ventricular Remodeling in Patients with Arterial Hypertension. In *Diagnostics* (Vol. 12, Issue 2). <https://doi.org/10.3390/diagnostics12020322>

Martucci, A., Picchi, E., Di Giuliano, F., Pocobelli, G., Mancino, R., Toschi, N., Russo, R., Floris, R., Garaci, F., & Nucci, C. (2022). Imaging biomarkers for Alzheimer's disease and glaucoma: Current and future practices. In *Current Opinion in Pharmacology* (Vol. 62, pp. 137–144). <https://doi.org/10.1016/j.coph.2021.12.003>

Sakr, F. A., Grothe, M. J., Cavedo, E., Jelistratova, I., Habert, M.-O., Dyrba, M., Gonzalez-Escamilla, G., Bertin, H., Locatelli, M., Lehericy, S., Teipel, S., Dubois, B., Hampel, H., Bakardjian, H., Benali, H., Bonheur, J., Boukadida, L., Boukerrou, N., Chiesa, P., ... group, for the I. study. (2022). Correction: Applicability of in vivo staging of regional amyloid burden in a cognitively normal cohort with subjective memory complaints: the INSIGHT-preAD study (Alzheimer's Research & Therapy, (2019), 11, 1, (15), 10.1186/s13195-019-0466-3). In *Alzheimer's Research and Therapy* (Vol. 14, Issue 1). <https://doi.org/10.1186/s13195-022-01025-4>

Chiocchi, M., Laudazi, M., Leomanni, P., Giudice, L., Madonna, M., Garaci, F., & Floris, R. (2023). A rare case of symptomatic vascular ring. In *Radiology Case Reports* (Vol. 18, Issue 3, pp. 957–962). <https://doi.org/10.1016/j.radcr.2022.11.040>

Luciano, A., Luigi, S., Mancuso, L., Vito, D. O., De Stasio, V., Pugliese, L., Donna, C. D., Garaci, F., Floris, R., & Chiocchi, M. (2023). Incidental findings of acute myocardial infarction detected during ECG-gated and nongated thoracic CTA: A report of four cases. In *Radiology Case Reports* (Vol. 18, Issue 8, pp. 2567–2573). <https://doi.org/10.1016/j.radcr.2023.04.026>

Chiocchi, M., Luciano, A., De Stasio, V., Pugliese, L., Picchi, E., Di Donna, C., Volpe, M., Pitaro, M., Garaci, F., & Floris, R. (2023). Cardiac lipoma of the interventricular septum presenting with chest pain. In *Radiology Case Reports* (Vol. 18, Issue 5, pp. 1886–1889). <https://doi.org/10.1016/j.radcr.2023.02.003>

D'Errico, F., Laudazi, M., Pitaro, M., Pietropaolo, A., Paoloantonio, P., Garaci, F., Floris, R., & Chiocchi, M. (2023). Incidental finding of intrathoracic caudate lobe of the liver associated with an arterovenous malformation. In *Radiology Case Reports* (Vol. 18, Issue 3, pp. 1186–1189). <https://doi.org/10.1016/j.radcr.2022.12.008>

Chiocchi, M., Luciano, A., De Stasio, V., Pugliese, L., Di Donna, C., Cerocchi, M., Gigliotti, P., Carini, A., Chirico, F., Camedda, R., Di Biagio, D., Sbordone, P. F., Garaci, F., & Floris, R. (2023). Radiological findings in Erdheim Chester disease: A very rare multisystemic disease. In *Radiology Case Reports* (Vol. 18, Issue 5, pp. 2047–2054). <https://doi.org/10.1016/j.radcr.2023.02.063>

Chiocchi, M., Luciano, A., De Stasio, V., Pugliese, L., Di Donna, C., Cerocchi, M., Mecchia, D., Mancuso, L., Di Biagio, D., Floris, R., & Garaci, F. (2023). Lipomatous hypertrophy of the interatrial septum: A potential pitfall resolved on comparing previous PET/CT. In *Radiology Case Reports* (Vol. 18, Issue 1, pp. 222–225). <https://doi.org/10.1016/j.radcr.2022.09.103>

Da Ros, V., Oddo, L., Toumia, Y., Guida, E., Minosse, S., Strigari, L., Strolin, S., Paolani, G., Di Giuliano, F., Floris, R., Garaci, F., Dolci, S., Paradossi, G., & Domenici, F. (2023). PVA-Microbubbles as a Radioembolization Platform: Formulation and the In Vitro Proof of Concept. In *Pharmaceutics* (Vol. 15, Issue 1). <https://doi.org/10.3390/pharmaceutics15010217>

Da Ros, V., Pusceddu, F., Lattanzi, S., Scaggiante, J., Sallustio, F., Marrama, F., Bandettini di Poggio, M., Toscano, G., Di Giuliano, F., Rolla-Bigiani, C., Ruggiero, M., Haznedari, N.,

Sgreccia, A., Sanfilippo, G., Finocchi, C., Diomedi, M., Tomasi, S. O., Palmisciano, P., Umana, G. E., ... Floris, R. (2023). Endovascular treatment of patients with acute ischemic stroke and tandem occlusion due to internal carotid artery dissection: A multicenter experience. In *Neuroradiology Journal* (Vol. 36, Issue 1, pp. 86–93).
<https://doi.org/10.1177/19714009221108673>

Da Ros, V., Duggento, A., Cavallo, A. U., Bellini, L., Pitocchi, F., Toschi, N., Mascolo, A. P., Sallustio, F., Di Giuliano, F., Diomedi, M., Floris, R., Garaci, F., Zeleňák, K., & Maestrini, I. (2023). Can machine learning of post-procedural cone-beam CT images in acute ischemic stroke improve the detection of 24-h hemorrhagic transformation? A preliminary study. In *Neuroradiology* (Vol. 65, Issue 3, pp. 599–608). <https://doi.org/10.1007/s00234-022-03070-0>

Ferrazzoli, V., Picchi, E., Pitocchi, F., Vattermoli, L., Pucci, N., Di Giuliano, F., Wlderk, A., Bagnato, M. R., Da Ros, V., Garaci, F., & Floris, R. (2023). Bithalamic infarction in a tentorial dural artero-venous fistula and thalamic dementia: a case report and systematic review. In *Neurological Sciences* (Vol. 44, Issue 7, pp. 2291–2304). <https://doi.org/10.1007/s10072-023-06716-w>

Chiocchi, M., Cavallo, A. U., Pugliese, L., Cesareni, M., Pasquali, D., Accardo, G., De Stasio, V., Spiritigliozi, L., Benelli, L., D'Errico, F., Cerimele, C., Floris, R., Garaci, F., & Di Donna, C. (2023). Cardiac Computed Tomography Evaluation of Association of Left Ventricle Dysfunction and Epicardial Adipose Tissue Density in Patients with Low to Intermediate Cardiovascular Risk. In *Medicina (Lithuania)* (Vol. 59, Issue 2).
<https://doi.org/10.3390/medicina59020232>

Lacidogna, G., Pitocchi, F., Mascolo, A. P., Marrama, F., D'Agostino, F., Rocco, A., Mori, F., Maestrini, I., Sabuzi, F., Cavallo, A., Morosetti, D., Garaci, F., Di Giuliano, F., Floris, R., Sallustio, F., Diomedi, M., & Da Ros, V. (2023). CT Perfusion as a Predictor of the Final Infarct Volume in Patients with Tandem Occlusion. In *Journal of Personalized Medicine* (Vol. 13, Issue 2). <https://doi.org/10.3390/jpm13020342>

Chiocchi, M., Cerocchi, M., Di Tosto, F., Rosenfeld, R., Pasqualetto, M., Vanni, G., De Stasio, V., Pugliese, L., Di Donna, C., Idone, G., Muscoli, S., Portarena, I., Roselli, M., Garaci, F., & Floris, R. (2023). Quantification of Extracellular Volume in CT in Neoadjuvant Chemotherapy in Breast Cancer: New Frontiers in Assessing the Cardiotoxicity of Anthracyclines and Trastuzumab. In *Journal of Personalized Medicine* (Vol. 13, Issue 2).
<https://doi.org/10.3390/jpm13020199>

López-Ortiz, S., Lista, S., Valenzuela, P. L., Pinto-Fraga, J., Carmona, R., Caraci, F., Caruso, G., Toschi, N., Emanuele, E., Gabelle, A., Nisticò, R., Garaci, F., Lucia, A., & Santos-Lozano, A. (2023). Effects of physical activity and exercise interventions on Alzheimer's disease: an umbrella review of existing meta-analyses. In *Journal of Neurology* (Vol. 270, Issue 2, pp. 711–725). <https://doi.org/10.1007/s00415-022-11454-8>

D'Errico, F., Ricci, F., Luciano, A., Sbordone, F. P., Laudazi, M., Mecchia, D., Volpe, M., Briganti, F., Di Landro, A., Muscoli, S., Pugliese, L., De Stasio, V., Di Donna, C., Romeo, F., Garaci, F., Floris, R., & Chiocchi, M. (2023). The Impact of Nitroglycerin on the Evaluation of Coronary Stenosis in Coronary-CT: Preliminary Study in 131 Patients. In *Journal of Clinical Medicine* (Vol. 12, Issue 16). <https://doi.org/10.3390/jcm12165296>

Martucci, A., Di Giuliano, F., Minosse, S., Pocobelli, G., Nucci, C., & Garaci, F. (2023). MRI and Clinical Biomarkers Overlap between Glaucoma and Alzheimer's Disease. In *International Journal of Molecular Sciences* (Vol. 24, Issue 19). <https://doi.org/10.3390/ijms241914932>

Fiori, R., Di Donna, C., Forcina, M., Cavallo, A. U., D'Onofrio, A., Sprigliozzi, L., Garaci, F., & Floris, R. (2023). Percutaneous lumbar interbody fusion and Cortoss cement bone augmentation in osteoporotic patients with anterolisthesis: A technical note. In *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* (Vol. 32). <https://doi.org/10.1016/j.inat.2022.101708>

Minosse, S., Picchi, E., Conti, A., di Giuliano, F., di Ciò, F., Sarmati, L., Teti, E., de Santis, S., Andreoni, M., Floris, R., Guerrisi, M., Garaci, F., & Toschi, N. (2023). Multishell diffusion MRI reveals whole-brain white matter changes in HIV. In *Human Brain Mapping* (Vol. 44, Issue 15, pp. 5113–5124). <https://doi.org/10.1002/hbm.26448>

Bovenzi, R., Sancesario, G. M., Conti, M., Grillo, P., Cerroni, R., Bissacco, J., Forti, P., Giannella, E., Pieri, M., Minosse, S., Ferrazzoli, V., Pucci, N., Laudazi, M., Floris, R., Garaci, F., Pierantozzi, M., Stefani, A., Mercuri, N. B., Picchi, E., ... Schirinzi, T. (2023). Sex hormones differentially contribute to Parkinson disease in males: A multimodal biomarker study. In *European Journal of Neurology* (Vol. 30, Issue 7, pp. 1983–1990). <https://doi.org/10.1111/ene.15801>

Picchi, E., Leomanni, P., Dell'Olio, V. B., Pucci, N., Di Giuliano, F., Ferrazzoli, V., Minosse, S., Rho, M., Chiocchi, M., Garaci, F., & Floris, R. (2023). Triple gallbladder: radiological review. In *Clinical Journal of Gastroenterology* (Vol. 16, Issue 5, pp. 629–640). <https://doi.org/10.1007/s12328-023-01829-3>

Morelli, C., Formica, V., Bossi, P., Rofei, M., Guerriero, S., Riondino, S., Argirò, R., Pucci, N., Cenci, T., Savino, L., Rinaldi, C. G., Garaci, F., Orlandi, A., D'Angelillo, R. M., Arkenau, H.-T., & Roselli, M. (2023). Untailored vs. Gender- and Body-Mass-Index-Tailored Skeletal Muscle Mass Index (SMI) to Assess Sarcopenia in Advanced Head and Neck Squamous Cell Carcinoma (HNSCC). In *Cancers* (Vol. 15, Issue 19). <https://doi.org/10.3390/cancers15194716>

Marchionni, E., D'Apice, M. R., Lupo, V., Lattanzi, G., Mattioli, E., Lisignoli, G., Gabusi, E., Pepe, G., Helmer Citterich, M., Campione, E., Nardone, A. M., Spitalieri, P., Pucci, N., Cocciadiferro, D., Picchi, E., Garaci, F., Novelli, A., & Novelli, G. (2023). Clinical and functional characterization of COL2A1 p.Gly444Ser variant: From a fetal phenotype to a previously undisclosed postnatal phenotype. In *Bone Reports* (Vol. 19). <https://doi.org/10.1016/j.bonr.2023.101728>

Lista, S., Vergallo, A., Teipel, S. J., Lemercier, P., Giorgi, F. S., Gabelle, A., Garaci, F., Mercuri, N. B., Babiloni, C., Gaire, B. P., Koronyo, Y., Koronyo-Hamaoui, M., Hampel, H., Nisticò, R., & (NPMI), N. P. M. I. (2023). Determinants of approved acetylcholinesterase inhibitor response outcomes in Alzheimer's disease: relevance for precision medicine in neurodegenerative diseases. In *Ageing Research Reviews* (Vol. 84). <https://doi.org/10.1016/j.arr.2022.101819>

Di Stefano, C., Salvatori, E., Savino, L., Forte, V., Paoletti, S., Ricciardi, F., Floris, R., & Garaci, F. (2024). Colo-colic intussusception in an adult caused by lipoma: Case report of a rare condition. In *Radiology Case Reports* (Vol. 19, Issue 2, pp. 665–670). <https://doi.org/10.1016/j.radcr.2023.10.080>

Luciano, A., Cerimele, C., Mecchia, D., Mozzani, M., Steffani, S., D'Errico, F., Di Donna, C., De Stasio, V., Garaci, F., & Chiocchi, M. (2024). The role of cardiac computed tomography in diagnostic and prognostic assessment of pregnancy related spontaneous coronary artery dissection: a case report. In *Oxford Medical Case Reports* (Vol. 2024, Issue 4, pp. 146–148). <https://doi.org/10.1093/omcr/omae030>

Da Ros, V., Sabuzi, F., D'Argento, F., Pedicelli, A., Gavrilovic, V., Sponza, M., Di Giuliano, F., Biraschi, F., Iacobucci, M., Grillea, G., Bartolo, A., Patassini, M., Remida, P., Quilici, L., Faragò, G., Varrassi, M., Cavasin, N., Arpesani, R., Giordano, A. V., ... Floris, R. (2024). Midterm follow-up after embolization of intracranial aneurysms proximal to the circle of Willis with the Silk Vista flow diverter: the I-MAMA registry. In *Neuroradiology*. <https://doi.org/10.1007/s00234-024-03336-9>

Minosse, S., Picchi, E., Ferrazzoli, V., Pucci, N., Da Ros, V., Giocondo, R., Floris, R., Garaci, F., & Di Giuliano, F. (2024). Influence of scan duration on dynamic contrast -enhanced magnetic resonance imaging pharmacokinetic parameters for brain lesions. In *Magnetic Resonance Imaging* (Vol. 105, pp. 46–56). <https://doi.org/10.1016/j.mri.2023.11.002>

Meucci, R., Prosperi, D., Lauri, C., Campagna, G., Nayak, P., Garaci, F., & Signore, A. (2024). Peritoneal Carcinomatosis of Malignant Gynecological Origin: A Systematic Review of Imaging Assessment. In *Journal of Clinical Medicine* (Vol. 13, Issue 5). <https://doi.org/10.3390/jcm13051254>

Manenti, G., Coppeta, L., Kirev, I. V., Verno, G., Garaci, F., Magrini, A., & Floris, R. (2024). Low-Dose Occupational Exposure to Ionizing Radiation and Cardiovascular Effects: A Narrative Review. In *Healthcare (Switzerland)* (Vol. 12, Issue 2). <https://doi.org/10.3390/healthcare12020238>

Filippi, L., Lacanfora, A., & Garaci, F. (2024). One Fell Swoop: Septic Muscle Embolism and Central Venous Catheter Infection Imaged with [18F] Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography. In *Diagnostics* (Vol. 14, Issue 2). <https://doi.org/10.3390/diagnostics14020180>

Esposito, F., Mezzanotte, V., Tesei, C., Luciano, A., Gigliotti, P. E., Nunzi, A., Secchi, R., Angeloni, C., Pitaro, M., Meconi, F., Cerocchi, M., Garaci, F., Venditti, A., Postorino, M., & Chiocchi, M. (2024). CT Images in Follicular Lymphoma: Changes after Treatment Are Predictive of Cardiac Toxicity in Patients Treated with Anthracycline-Based or R-B Regimens. In *Cancers* (Vol. 16, Issue 3). <https://doi.org/10.3390/cancers16030563>

Manenti, G., Perretta, T., Nezzo, M., Fraioli, F. R., Carreri, B., Gigliotti, P. E., Micillo, A., Malizia, A., Di Giovanni, D., Ryan, C. P., & Garaci, F. G. (2024). Transperineal Laser Ablation (TPLA) Treatment of Focal Low–Intermediate Risk Prostate Cancer. In *Cancers* (Vol. 16, Issue 7). <https://doi.org/10.3390/cancers16071404>