

Francesco Ghielmetti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8226472/publications.pdf>

Version: 2024-02-01

34
papers

792
citations

759233

12
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

1613
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurospheres Enriched in Cancer Stem-Like Cells Are Highly Effective in Eliciting a Dendritic Cell-Mediated Immune Response against Malignant Gliomas. <i>Cancer Research</i> , 2006, 66, 10247-10252.	0.9	237
2	Functional Connectivity during Resting-State Functional MR Imaging: Study of the Correspondence between Independent Component Analysis and Region-of-Interest-Based Methods. <i>American Journal of Neuroradiology</i> , 2012, 33, 180-187.	2.4	107
3	Preoperative language lateralization in temporal lobe epilepsy (TLE) predicts peri-ictal, pre- and post-operative language performance: An fMRI study. <i>NeuroImage: Clinical</i> , 2013, 3, 73-83.	2.7	67
4	In Medication-Overuse Headache, fMRI Shows Long-Lasting Dysfunction in Midbrain Areas. <i>Headache</i> , 2012, 52, 1520-1534.	3.9	58
5	Advanced MRI may complement histological diagnosis of lower grade gliomas and help in predicting survival. <i>Journal of Neuro-Oncology</i> , 2016, 126, 279-288.	2.9	33
6	Engagement of the Medial Temporal Lobe in Verbal and Nonverbal Memory: Assessment with Functional MR Imaging in Healthy Subjects. <i>American Journal of Neuroradiology</i> , 2009, 30, 1134-1141.	2.4	30
7	First ex vivo validation of a radioguided surgery technique with β -radiation.. <i>Physica Medica</i> , 2016, 32, 1139-1144.	0.7	30
8	Accuracy of 2-hydroxyglutarate quantification by short-echo proton-MRS at 3T: A phantom study. <i>Physica Medica</i> , 2014, 30, 702-707.	0.7	22
9	Increased migration of a human glioma cell line after in vitro CyberKnife irradiation. <i>Cancer Biology and Therapy</i> , 2011, 12, 629-633.	3.4	19
10	Loss of heterozygosity studies in extracranial metastatic meningiomas. <i>Journal of Neuro-Oncology</i> , 2007, 85, 81-85.	2.9	16
11	Spectral line shape of exotic nuclei. <i>Physical Review C</i> , 1996, 54, R2143-R2145.	2.9	15
12	Radiosurgery for Paragangliomas of the Head and Neck: Another Step for the Validation of a Treatment Paradigm. <i>World Neurosurgery</i> , 2017, 98, 281-287.	1.3	14
13	Bio-Image Warehouse System: Concept and Implementation of a Diagnosis-Based Data Warehouse for Advanced Imaging Modalities in Neuroradiology. <i>Journal of Digital Imaging</i> , 2007, 20, 32-41.	2.9	13
14	The β -radiation-guided surgery: Method to estimate the minimum injectable activity from ex-vivo test. <i>Physica Medica</i> , 2019, 58, 114-120.	0.7	13
15	Resting State Functional Connectivity Signatures of MRgFUS Vim Thalamotomy in Parkinson's Disease: A Preliminary Study. <i>Frontiers in Neurology</i> , 2021, 12, 786734.	2.4	12
16	Sum signal dosimetry: A new approach for high dose quality assurance with Gafchromic EBT3. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 181-190.	1.9	11
17	Radiosurgery for trigeminal neuralgia: the state of art. <i>Neurological Sciences</i> , 2019, 40, 153-157.	1.9	11
18	Frontal cortex BOLD signal changes in premanifest Huntington disease. <i>Neurology</i> , 2014, 83, 65-72.	1.1	10

#	ARTICLE	IF	CITATIONS
19	Tracking the Re-organization of Motor Functions After Disconnective Surgery: A Longitudinal fMRI and DTI Study. <i>Frontiers in Neurology</i> , 2018, 9, 400.	2.4	10
20	Accuracy of pre-surgical fMRI confirmed by subsequent crossed aphasia. <i>Neurological Sciences</i> , 2011, 32, 175-180.	1.9	9
21	In vitro effects of Cyberknife-driven intermittent irradiation on glioblastoma cell lines. <i>Neurological Sciences</i> , 2011, 32, 579-588.	1.9	9
22	The role of radiosurgery in trigeminal neuralgia. <i>Neurological Sciences</i> , 2017, 38, 63-65.	1.9	9
23	A Neural Network Approach to fMRI Binocular Visual Rivalry Task Analysis. <i>PLoS ONE</i> , 2014, 9, e105206.	2.5	7
24	Cerebrovascular reactivity by quantitative magnetic resonance angiography with a co 2 challenge. Validation as a new imaging biomarker. <i>European Journal of Radiology</i> , 2014, 83, 1005-1010.	2.6	7
25	Integration of Functional Magnetic Resonance Imaging and Magnetoencephalography Functional Maps Into a CyberKnife Planning System: Feasibility Study for Motor Activity Localization and Dose Planning. <i>World Neurosurgery</i> , 2017, 108, 756-762.	1.3	7
26	On the evaluation of edgeless diode detectors for patient-specific QA in high-dose stereotactic radiosurgery. <i>Physica Medica</i> , 2021, 89, 20-28.	0.7	5
27	Multisession radiosurgery for intracranial meningioma treatment: study protocol of a single arm, monocenter, prospective trial. <i>Radiation Oncology</i> , 2020, 15, 26.	2.7	5
28	Language Cerebro-cerebellar Reorganization in Children After Surgery of Right Cerebellar Astrocytoma: a fMRI Study. <i>Cerebellum</i> , 2019, 18, 791-806.	2.5	4
29	Radio-Guided Surgery with ^{125}I Radiation: Tests on Ex-Vivo Specimens. <i>IFMBE Proceedings</i> , 2019, , 693-697.	0.3	2
30	Progetto e realizzazione di una radiologia totalmente digitale. <i>The Neuroradiology Journal</i> , 2001, 14, 105-111.	0.1	0
31	E25 Fmri Signal Changes In Frontal Cortex Correlates With Years-to-disease-onset In A Group Of Young Premanifest Huntington Disease Subjects. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, A45-A45.	1.9	0
32	OC-0464: Integration of fMRI and MEG functional maps into a Cyberknife planning system:a feasibility study. <i>Radiotherapy and Oncology</i> , 2016, 119, S219.	0.6	0
33	EP-2091 How to measure high dose in functional disorder treatment: an innovative silicon diode detector. <i>Radiotherapy and Oncology</i> , 2019, 133, S1155-S1156.	0.6	0
34	Softening the long-wavelength electromagnetic response of finite quantal systems. , 1997, , 240-249.		0