Francesco Ghielmetti

List of Publications by Year in descending order

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

Version: 2024-02-01

759233 501196 34 792 12 citations h-index papers

g-index 34 34 34 1613 docs citations times ranked citing authors all docs

28

#	Article	IF	CITATIONS
1	On the evaluation of edgeless diode detectors for patient-specific QA in high-dose stereotactic radiosurgery. Physica Medica, 2021, 89, 20-28.	0.7	5
2	Resting State Functional Connectivity Signatures of MRgFUS Vim Thalamotomy in Parkinson's Disease: A Preliminary Study. Frontiers in Neurology, 2021, 12, 786734.	2.4	12
3	Multisession radiosurgery for intracranial meningioma treatment: study protocol of a single arm, monocenter, prospective trial. Radiation Oncology, 2020, 15, 26.	2.7	5
4	Radio-Guided Surgery with $\hat{l}^2\hat{a}^2$ Radiation: Tests on Ex-Vivo Specimens. IFMBE Proceedings, 2019, , 693-697.	0.3	2
5	EP-2091 How to measure high dose in functional disorder treatment: an innovative silicon diode detector. Radiotherapy and Oncology, 2019, 133, S1155-S1156.	0.6	O
6	Language Cerebro-cerebellar Reorganization in Children After Surgery of Right Cerebellar Astrocytoma: a fMRI Study. Cerebellum, 2019, 18, 791-806.	2.5	4
7	Radiosurgery for trigeminal neuralgia: the state of art. Neurological Sciences, 2019, 40, 153-157.	1.9	11
8	The <mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mrow><mml:mi>\hat{l}^2</mml:mi></mml:mrow><mml:mrow><mr 114-120.<="" 2019,="" 58,="" activity="" estimate="" ex-vivo="" from="" injectable="" medica,="" method="" minimum="" physica="" radio-guided="" surgery:="" td="" test.="" the="" to=""><td>nl:mo>-<td>mml;mo></td></td></mr></mml:mrow></mml:mrow></mml:mrow></mml:math>	nl:mo>- <td>mml;mo></td>	mml;mo>
9	Tracking the Re-organization of Motor Functions After Disconnective Surgery: A Longitudinal fMRI and DTI Study. Frontiers in Neurology, 2018, 9, 400.	2.4	10
10	The role of radiosurgery in trigeminal neuralgia. Neurological Sciences, 2017, 38, 63-65.	1.9	9
11	Sum signal dosimetry: A new approach for high dose quality assurance with Gafchromic EBT3. Journal of Applied Clinical Medical Physics, 2017, 18, 181-190.	1.9	11
12	Integration of Functional Magnetic Resonance Imaging and Magnetoencephalography Functional Maps Into a CyberKnife Planning System: Feasibility Study for Motor Activity Localization and Dose Planning. World Neurosurgery, 2017, 108, 756-762.	1.3	7
13	Radiosurgery for Paragangliomas of the Head and Neck: Another Step for the Validation of a Treatment Paradigm. World Neurosurgery, 2017, 98, 281-287.	1.3	14
14	First ex vivo validation of a radioguided surgery technique with <mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>β</mml:mi><mml:mrow></mml:mrow></mml:mrow></mml:math> -radiation Physica Medica, 2016, 32, 1139-1144.	0.7	30
15	OC-0464: Integration of fMRI and MEG functional maps into a Cyberknife planning system:a feasibility study. Radiotherapy and Oncology, 2016, 119, S219.	0.6	O
16	Advanced MRI may complement histological diagnosis of lower grade gliomas and help in predicting survival. Journal of Neuro-Oncology, 2016, 126, 279-288.	2.9	33
17	A Neural Network Approach to fMRI Binocular Visual Rivalry Task Analysis. PLoS ONE, 2014, 9, e105206.	2.5	7
18	Frontal cortex BOLD signal changes in premanifest Huntington disease. Neurology, 2014, 83, 65-72.	1.1	10

#	Article	IF	CITATIONS
19	Cerebrovascular reactivity by quantitative magnetic resonance angiography with a co 2 challenge. Validation as a new imaging biomarker. European Journal of Radiology, 2014, 83, 1005-1010.	2.6	7
20	Accuracy of 2-hydroxyglutarate quantification by short-echo proton-MRS at 3ÂT: A phantom study. Physica Medica, 2014, 30, 702-707.	0.7	22
21	E25 Fmri Signal Changes In Frontal Cortex Correlates With Years-to-disease-onset In A Group Of Young Premanifest Huntington Disease Subjects. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, A45-A45.	1.9	O
22	Preoperative language lateralization in temporal lobe epilepsy (TLE) predicts peri-ictal, pre- and post-operative language performance: An fMRI study. NeuroImage: Clinical, 2013, 3, 73-83.	2.7	67
23	Functional Connectivity during Resting-State Functional MR Imaging: Study of the Correspondence between Independent Component Analysis and Region-of-Interestâ Based Methods. American Journal of Neuroradiology, 2012, 33, 180-187.	2.4	107
24	In Medicationâ€Overuse Headache, <scp>fMRI</scp> Shows Longâ€Lasting Dysfunction in Midbrain Areas. Headache, 2012, 52, 1520-1534.	3.9	58
25	Accuracy of pre-surgical fMRI confirmed by subsequent crossed aphasia. Neurological Sciences, 2011, 32, 175-180.	1.9	9
26	In vitro effects of Cyberknife-driven intermittent irradiation on glioblastoma cell lines. Neurological Sciences, 2011, 32, 579-588.	1.9	9
27	Increased migration of a human glioma cell line after in vitro CyberKnife irradiation. Cancer Biology and Therapy, 2011, 12, 629-633.	3.4	19
28	Engagement of the Medial Temporal Lobe in Verbal and Nonverbal Memory: Assessment with Functional MR Imaging in Healthy Subjects. American Journal of Neuroradiology, 2009, 30, 1134-1141.	2.4	30
29	Loss of heterozygosity studies in extracranial metastatic meningiomas. Journal of Neuro-Oncology, 2007, 85, 81-85.	2.9	16
30	Bio-Image Warehouse System: Concept and Implementation of a Diagnosis-Based Data Warehouse for Advanced Imaging Modalities in Neuroradiology. Journal of Digital Imaging, 2007, 20, 32-41.	2.9	13
31	Neurospheres Enriched in Cancer Stem–Like Cells Are Highly Effective in Eliciting a Dendritic Cell–Mediated Immune Response against Malignant Gliomas. Cancer Research, 2006, 66, 10247-10252.	0.9	237
32	Progetto e realizzazione di una radiologia totalmente digitale. The Neuroradiology Journal, 2001, 14, 105-111.	0.1	0
33	Softening the long-wavelength electromagnetic response of finite quantal systems. , 1997, , 240-249.		0
34	Spectral line shape of exotic nuclei. Physical Review C, 1996, 54, R2143-R2145.	2.9	15