

Ronald Peeters

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,018
citations

567281

15
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

1858
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and characterization of a rat brain metastatic tumor model by multiparametric magnetic resonance imaging and histomorphology. <i>Clinical and Experimental Metastasis</i> , 2022, , 1.	3.3	2
2	Reliability and agreement of lumbar multifidus volume and fat fraction quantification using magnetic resonance imaging. <i>Musculoskeletal Science and Practice</i> , 2022, 59, 102532.	1.3	2
3	Task-Related Modulation of Sensorimotor GABA+ Levels in Association with Brain Activity and Motor Performance: A Multimodal MRSâ€“fMRI Study in Young and Older Adults. <i>Journal of Neuroscience</i> , 2022, 42, 1119-1130.	3.6	2
4	Prospective Natural History Study in 24 Adult Patients With LGMDR12 Over 2 Years of Follow-up. <i>Neurology</i> , 2022, 99, .	1.1	9
5	Brain activation after nasal histamine provocation in house dust mite allergic rhinitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1879-1882.	5.7	5
6	Added Value of Quantitative Apparent Diffusion Coefficient Values for Neuroprognostication After Cardiac Arrest. <i>Neurology</i> , 2021, 96, e2611-e2618.	1.1	12
7	Safety of active auditory implants in magnetic resonance imaging. <i>Journal of Otology</i> , 2021, 16, 185-198.	1.0	6
8	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	4.2	28
9	Reproducibility of T1 relaxation times in diagnostic MRI: A phantom study. <i>Physics in Medicine</i> , 2021, 12, 100038.	1.3	0
10	A Miniature, Fiber-Optic Vibrometer for Measuring Unintended Acoustic Output of Active Hearing Implants during Magnetic Resonance Imaging. <i>Sensors</i> , 2021, 21, 6589.	3.8	0
11	Lateralized effects of post-learning transcranial direct current stimulation on motor memory consolidation in older adults: An fMRI investigation. <i>NeuroImage</i> , 2020, 223, 117323.	4.2	12
12	Modulating the interhemispheric activity balance in the intraparietal sulcus using real-time fMRI neurofeedback: Development and proof-of-concept. <i>NeuroImage: Clinical</i> , 2020, 28, 102513.	2.7	3
13	Brain activation during non-habitual speech production: Revisiting the effects of simulated disfluencies in fluent speakers. <i>PLoS ONE</i> , 2020, 15, e0228452.	2.5	2
14	Sensorimotor cortex neurometabolite levels as correlate of motor performance in normal aging: evidence from a 1H-MRS study. <i>NeuroImage</i> , 2019, 202, 116050.	4.2	22
15	Left perirhinal cortex codes for semantic similarity between written words defined from cued word association. <i>NeuroImage</i> , 2019, 191, 127-139.	4.2	18
16	Advanced MR diffusion imaging and chemotherapyâ€“related changes in cerebral white matter microstructure of survivors of childhood bone and soft tissue sarcoma?. <i>Human Brain Mapping</i> , 2018, 39, 3375-3387.	3.6	23
17	Characterization of a novel liquid fiducial marker for multimodal image guidance in stereotactic body radiotherapy of prostate cancer. <i>Medical Physics</i> , 2018, 45, 2205-2217.	3.0	15
18	GABA levels and measures of intracortical and interhemispheric excitability in healthy young and older adults: an MRS-TMS study. <i>Neurobiology of Aging</i> , 2018, 65, 168-177.	3.1	62

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19	Age-related differences in GABA levels are driven by bulk tissue changes. <i>Human Brain Mapping</i> , 2018, 39, 3652-3662.	3.6	47
20	Recovery from chemotherapy-induced white matter changes in young breast cancer survivors?. <i>Brain Imaging and Behavior</i> , 2018, 12, 64-77.	2.1	52
21	Single-word comprehension deficits in the nonfluent variant of primary progressive aphasia. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 68.	6.2	16
22	Brain GABA Levels Are Associated with Inhibitory Control Deficits in Older Adults. <i>Journal of Neuroscience</i> , 2018, 38, 7844-7851.	3.6	82
23	Distinct [18F]THK5351 binding patterns in primary progressive aphasia variants. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2342-2357.	6.4	16
24	Quantitative Analyses Help in Choosing Between Simultaneous vs. Separate EEG and fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 1009.	2.8	8
25	Cross-modal representation of spoken and written word meaning in left pars triangularis. <i>NeuroImage</i> , 2017, 150, 292-307.	4.2	42
26	Characterization of a rat orthotopic pancreatic head tumor model using three-dimensional and quantitative multi-parametric MRI. <i>NMR in Biomedicine</i> , 2017, 30, e3676.	2.8	14
27	Cholinergic depletion and basal forebrain volume in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2017, 13, 271-279.	2.7	22
28	Brain responses to vestibular pain and its anticipation in women with Genito-Pelvic Pain/Penetration Disorder. <i>NeuroImage: Clinical</i> , 2017, 16, 477-490.	2.7	15
29	[P3³⁸⁵]: VISUAL READING OF AMYLOID^{PET} IN MCI CHALLENGED: SHOULD WE CONSIDER ALTERNATIVE METHODS?. <i>Alzheimer's and Dementia</i> , 2017, 13, P1107.	0.8	0
30	Visualization, Quantification and Characterization of Caerulein-Induced Acute Pancreatitis in Rats by 3.0T Clinical MRI, Biochemistry and Histomorphology. <i>Theranostics</i> , 2017, 7, 285-294.	10.0	11
31	Pancreatic imaging: Current status of clinical practices and small animal studies. <i>World Journal of Methodology</i> , 2017, 7, 101-107.	3.5	6
32	Resting-State Functional Magnetic Resonance Imaging for Language Preoperative Planning. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 11.	2.0	65
33	Amygdala atrophy affects emotion-related activity in face-responsive regions in frontotemporal degeneration. <i>Cortex</i> , 2016, 82, 179-191.	2.4	34
34	Age-related microstructural differences quantified using myelin water imaging and advanced diffusion MRI. <i>Neurobiology of Aging</i> , 2015, 36, 2107-2121.	3.1	183
35	Lateralization for dynamic facial expressions in human superior temporal sulcus. <i>NeuroImage</i> , 2015, 106, 340-352.	4.2	56
36	Left perirhinal cortex codes for similarity in meaning between written words: Comparison with auditory word input. <i>Neuropsychologia</i> , 2015, 76, 4-16.	1.6	34

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37	Characterizing the microstructural basis of "unidentified bright objects" in neurofibromatosis type 1: A combined in vivo multicomponent T2 relaxation and multi-shell diffusion MRI analysis. NeuroImage: Clinical, 2014, 4, 649-658.	2.7	92