Nadya Pyatigorskaya

List of Publications by Year
in descending order

69	1,985	304743 22	276875 41
papers	citations	h-index	g-index

73	73	73	3129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. Radiology, 2020, 297, E242-E251.	7.3	333
2	The coeruleus/subcoeruleus complex in idiopathic rapid eye movement sleep behaviour disorder. Brain, 2016, 139, 1180-1188.	7.6	148
3	Retrospective Observational Study of Brain MRI Findings in Patients with Acute SARS-CoV-2 Infection and Neurologic Manifestations. Radiology, 2020, 297, E313-E323.	7.3	131
4	A review of the use of magnetic resonance imaging in Parkinsonâ€™s disease. Therapeutic Advances in Neurological Disorders, 2014, 7, 206-220.	3.5	111
5	The cerebral network of COVID-19-related encephalopathy: a longitudinal voxel-based 18F-FDG-PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2543-2557.	6.4	101
6	High nigral iron deposition in LRRK2 and Parkin mutation carriers using R2* relaxometry. Movement Disorders, 2015, 30, 1077-1084.	3.9	77
7	The spatiotemporal changes in dopamine, neuromelanin and iron characterizing Parkinsonâ€™s disease. Brain, 2021, 144, 3114-3125.	7.6	65
8	Spatiotemporal changes in substantia nigra neuromelanin content in Parkinsonâ€™s disease. Brain, 2020, 143, 2757-2770.	7.6	61
9	Magnetic Resonance Imaging Biomarkers to Assess Substantia Nigra Damage in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. Sleep, 2017, 40, .	1.1	55
10	Relationship between the diffusion time and the diffusion MRI signal observed at 17.2 tesla in the healthy rat brain cortex. Magnetic Resonance in Medicine, 2014, 72, 492-500.	3.0	54
11	Longitudinal Changes in Neuromelanin MRI Signal in Parkinson's Disease: A Progression Marker. Movement Disorders, 2021, 36, 1592-1602.	3.9	52
12	Comparative Study of MRI Biomarkers in the Substantia Nigra to Discriminate Idiopathic Parkinson Disease. American Journal of Neuroradiology, 2018, 39, 1460-1467.	2.4	51
13	Multimodal magnetic resonance imaging investigation of basal forebrain damage and cognitive deficits in Parkinson's disease. Movement Disorders, 2019, 34, 516-525.	3.9	42
14	Iron Imaging as a Diagnostic Tool for Parkinson's Disease: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2020, 11, 366.	2.4	40
15	Association of Clinical, Biological, and Brain Magnetic Resonance Imaging Findings With Electroencephalographic Findings for Patients With COVID-19. JAMA Network Open, 2021, 4, e211489.	5.9	38
16	Anatomical, functional and qualityâ€ofâ€life results for mastoid and epitympanic obliteration with bioactive glass s53p4: a prospective clinical study. Clinical Otolaryngology, 2017, 42, 387-396.	1.2	33
17	Medulla oblongata damage and cardiac autonomic dysfunction in Parkinson disease. Neurology, 2016, 87, 2540-2545.	1.1	32
18	A neural network for tics: insights from causal brain lesions and deep brain stimulation. Brain, 2022, 145, 4385-4397.	7.6	32

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19	Multimodal Magnetic Resonance Imaging Quantification of Brain Changes in Progressive Supranuclear Palsy. Movement Disorders, 2020, 35, 161-170.	3.9	31
20	Role of electrophysiology in guiding near-total resection for preservation of facial nerve function in the surgical treatment of large vestibular schwannomas. Journal of Neurosurgery, 2018, 128, 903-910.	1.6	29
21	Habituation of auditory startle reflex is a new sign of minimally conscious state. Brain, 2020, 143, 2154-2172.	7.6	28
22	Automated Categorization of Parkinsonian Syndromes Using <scp>Magnetic Resonance Imaging</scp> in a Clinical Setting. Movement Disorders, 2021, 36, 460-470.	3.9	27
23	Brain MRI features and scoring of leukodystrophy in adult-onset Krabbe disease. Neurology, 2019, 93, e647-e652.	1.1	25
24	The Role of Magnetic Resonance Imaging for the Diagnosis of Atypical Parkinsonism. Frontiers in Neurology, 2020, 11, 665.	2.4	22
25	fMRI contrast at high and ultrahigh magnetic fields: Insight from complementary methods. NeuroImage, 2015, 113, 37-43.	4.2	21
26	Women authorship in radiology research in France: An analysis of the last three decades. Diagnostic and Interventional Imaging, 2017, 98, 769-773.	3.2	20
27	Parkinson Disease Propagation Using MRI Biomarkers and Partial Least Squares Path Modeling. Neurology, 2021, 96, e460-e471.	1.1	18
28	Bioactive glass granules for mastoid and epitympanic surgical obliteration: CT and MRI appearance. European Radiology, 2019, 29, 5617-5626.	4.5	17
29	Capecitabine-induced acute toxic leukoencephalopathy. NeuroToxicology, 2017, 62, 1-5.	3.0	16
30	Characterization of Skull Base Lesions Using Pseudo-Continuous Arterial Spin Labeling. Clinical Neuroradiology, 2019, 29, 75-86.	1.9	16
31	Neuroprognostication of Consciousness Recovery in a Patient with COVID-19 Related Encephalitis: Preliminary Findings from a Multimodal Approach. Brain Sciences, 2020, 10, 845.	2.3	16
32	The wide spectrum of COVID-19 neuropsychiatric complications within a multidisciplinary centre. Brain Communications, 2021, 3, fcab135.	3.3	16
33	ASL perfusion in acute ischemic stroke: The value of CBF in outcome prediction. Clinical Neurology and Neurosurgery, 2020, 194, 105908.	1.4	14
34	Specificities of arterial spin labeling (ASL) abnormalities in acute seizure. Journal of Neuroradiology, 2020, 47, 20-26.	1.1	13
35	Consensus Guidelines of the French Society of Neuroradiology (SFNR) on the use of Gadolinium-Based Contrast agents (GBCAs) and related MRI protocols in Neuroradiology. Journal of Neuroradiology, 2020, 47, 441-449.	1.1	13
36	Deep <scp>Learningâ€Based</scp> Neuromelanin <scp>MRI</scp> Changes of Isolated <scp>REM</scp> Sleep Behavior Disorder. Movement Disorders, 2022, 37, 1064-1069.	3.9	13

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37	MR Imaging of the Olfactory Bulbs in Patients with COVID-19 and Anosmia: How to Avoid Misinterpretation. American Journal of Neuroradiology, 2021, 42, E10-E11.	2.4	12
38	Can FDG-PET/MR help to overcome limitations of sequential MRI and PET-FDG for differential diagnosis between recurrence/progression and radionecrosis of high-grade gliomas?. Journal of Neuroradiology, 2021, 48, 189-194.	1.1	12
39	Improved cerebral microbleeds detection using their magnetic signature on T2*-phase-contrast: A comparison study in a clinical setting. NeuroImage: Clinical, 2017, 15, 274-283.	2.7	11
40	Importance, limits and caveats of the use of â€œdisorders of consciousnessâ€•to theorize consciousness. Neuroscience of Consciousness, 2021, 2021, niab048.	2.6	11
41	Unexpected good outcome in severe cerebral fat embolism syndrome. Annals of Clinical and Translational Neurology, 2018, 5, 988-995.	3.7	10
42	Laryngeal anomalies: Pitfalls in adult forensic autopsies. Medicine, Science and the Law, 2014, 54, 1-7.	1.0	9
43	Testing the therapeutic effects of transcranial direct current stimulation (tDCS) in semantic dementia: a double blind, sham controlled, randomized clinical trial. Trials, 2019, 20, 632.	1.6	9
44	Women's career choices in radiology in France. Diagnostic and Interventional Imaging, 2017, 98, 775-783.	3.2	8
45	Are Gadolinium-Enhanced MR Sequences Needed in Simultaneous ¹⁸F-FDG-PET/MRI for Tumor Delineation in Head and Neck Cancer?. American Journal of Neuroradiology, 2020, 41, 1888-1896.	2.4	8
46	Regional Selectivity of Neuromelanin Changes in the Substantia Nigra in Atypical Parkinsonism. Movement Disorders, 2022, 37, 1245-1255.	3.9	8
47	What is your diagnosis?. Journal of Neuroradiology, 2010, 37, 192-195.	1.1	7
48	Pseudo-asymmetry of cerebral blood flow in arterial spin labeling caused by unilateral fetal-type circle of Willis: Technical limitation or a way to better understanding physiological variations of cerebral perfusion and improving arterial spin labeling acquisition?. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1641-1643.	4.3	7
49	Management of tegmen defects with mastoid and epitympanic obliteration using S53P4 bioactive glass. Laryngoscope Investigative Otolaryngology, 2020, 5, 297-304.	1.5	7
50	Update on neuroimaging for categorization of Parkinson's disease and atypical parkinsonism. Current Opinion in Neurology, 2021, 34, 514-524.	3.6	7
51	Arterial Spin Labeling to Predict Brain Tumor Grading: Limits of Cutoff Cerebral Blood Flow Values. Radiology, 2017, 282, 610-612.	7.3	6
52	Exploring new landmarks: analysis of Twitter usage during the 41st ESNR Annual Meeting. Neuroradiology, 2019, 61, 621-626.	2.2	6
53	Pseudo-continuous arterial spin labelling shows high diagnostic performance in the detection of postoperative residual lesion in hyper-vascularised adult brain tumours. European Radiology, 2020, 30, 2809-2820.	4.5	5
54	Compensatory Mechanisms Nineâ€‰Years Before Parkinson's Disease Conversion in a <scp>LRRK2 R1441H</scp> Family. Movement Disorders, 2022, 37, 428-430.	3.9	4

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55	International survey on residency programs in radiology: similarities and differences among 17 countries. Clinical Imaging, 2021, 79, 230-234.	1.5	3
56	Traumatic oculomotor nerve section. Journal Francais D'Ophtalmologie, 2016, 39, 880-881.	0.4	2
57	Post-surgery pCASL perfusion MRI of endolymphatic sac tumor. Journal of Neuroradiology, 2017, 44, 345-347.	1.1	2
58	Pituitary Apoplexy Mimicking Bacterial Meningitis with Intracranial Hypertension. World Neurosurgery, 2017, 97, 748.e3-748.e5.	1.3	2
59	Progressive white-matter demyelination in delayed CO poisoning encephalopathy. Journal of Neuroradiology, 2018, 45, 59-62.	1.1	2
60	Increased 18F-FDG Uptake in Lhermitte-Duclos Disease With Cowden Syndrome Revealed by PET-MRI. Clinical Nuclear Medicine, 2018, 43, e355-e356.	1.3	2
61	FDG PET/MRI Findings Pointing Toward a Gayet-Wernicke Encephalopathy. Clinical Nuclear Medicine, 2019, 44, e456-e457.	1.3	2
62	QSM as a new powerful tool for clinical practice in neuroimaging. Journal of Neuroradiology, 2021, 48, 25-27.	1.1	2
63	Hearing recovery after surgical resection of non-vestibular schwannoma cerebellopontine angle tumors. European Archives of Oto-Rhino-Laryngology, 2021, , 1.	1.6	2
64	Spontaneous Hemorrhagic Glioblastoma Revealed by Arterial Spin Labeling. World Neurosurgery, 2017, 108, 986.e1-986.e2.	1.3	1
65	Malignant transformation of epidermoid cyst with diffuse leptomeningeal carcinomatosis on skull base and trigeminal perineural spread. Journal of Neuroradiology, 2018, 45, 337-340.	1.1	1
66	Tumeurs mammaires bilatÃ©rales chez une jeune femmeÂ: pensez Ã rÃ©aliser une TEP/TDM au FDG. Ã€ propos dâ€™un cas de discordance entre lâ€™imagerie sÃ©nologique et la TEP/TDM. Medecine Nucleaire, 2010, 34, 383-387.	0.2	0
67	Letter to the Editor: Can Vagus Nerve Schwannoma Masquerade as a Carotid Chemodectoma?. Journal of Maxillofacial and Oral Surgery, 2017, 16, 400-401.	1.4	0
68	Subdural brain metastasis of lung adenocarcinoma on arterial spin labeling (ASL) MRI. Diagnostic and Interventional Imaging, 2020, 101, 119-120.	3.2	0
69	Potential effect of fetal origin of posterior cerebral artery on the arterial spin labeling sequence. Journal of Neuroradiology, 2020, 47, 238-241.	1.1	0