

# Nadya Pyatigorskaya

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

1,985  
citations

304743

22  
h-index

276875

41  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compensatory Mechanisms Nine Years Before Parkinson's Disease Conversion in a <sc>LRRK2 R1441H</sc> Family. <i>Movement Disorders</i> , 2022, 37, 428-430.	3.9	4
2	A neural network for tics: insights from causal brain lesions and deep brain stimulation. <i>Brain</i> , 2022, 145, 4385-4397.	7.6	32
3	Deep <sc>Learning-Based</sc> Neuromelanin <sc>MRI</sc> Changes of Isolated <sc>REM</sc> Sleep Behavior Disorder. <i>Movement Disorders</i> , 2022, 37, 1064-1069.	3.9	13
4	Regional Selectivity of Neuromelanin Changes in the Substantia Nigra in Atypical Parkinsonism. <i>Movement Disorders</i> , 2022, 37, 1245-1255.	3.9	8
5	MR Imaging of the Olfactory Bulbs in Patients with COVID-19 and Anosmia: How to Avoid Misinterpretation. <i>American Journal of Neuroradiology</i> , 2021, 42, E10-E11.	2.4	12
6	Parkinson Disease Propagation Using MRI Biomarkers and Partial Least Squares Path Modeling. <i>Neurology</i> , 2021, 96, e460-e471.	1.1	18
7	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?. <i>Journal of Neuroradiology</i> , 2021, 48, 189-194.	1.1	12
8	Automated Categorization of Parkinsonian Syndromes Using <sc>Magnetic Resonance Imaging</sc> in a Clinical Setting. <i>Movement Disorders</i> , 2021, 36, 460-470.	3.9	27
9	The wide spectrum of COVID-19 neuropsychiatric complications within a multidisciplinary centre. <i>Brain Communications</i> , 2021, 3, fcab135.	3.3	16
10	The cerebral network of COVID-19-related encephalopathy: a longitudinal voxel-based 18F-FDG-PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2543-2557.	6.4	101
11	QSM as a new powerful tool for clinical practice in neuroimaging. <i>Journal of Neuroradiology</i> , 2021, 48, 25-27.	1.1	2
12	Association of Clinical, Biological, and Brain Magnetic Resonance Imaging Findings With Electroencephalographic Findings for Patients With COVID-19. <i>JAMA Network Open</i> , 2021, 4, e211489.	5.9	38
13	Longitudinal Changes in Neuromelanin MRI Signal in Parkinson's Disease: A Progression Marker. <i>Movement Disorders</i> , 2021, 36, 1592-1602.	3.9	52
14	The spatiotemporal changes in dopamine, neuromelanin and iron characterizing Parkinson's disease. <i>Brain</i> , 2021, 144, 3114-3125.	7.6	65
15	Update on neuroimaging for categorization of Parkinson's disease and atypical parkinsonism. <i>Current Opinion in Neurology</i> , 2021, 34, 514-524.	3.6	7
16	Hearing recovery after surgical resection of non-vestibular schwannoma cerebellopontine angle tumors. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, , 1.	1.6	2
17	International survey on residency programs in radiology: similarities and differences among 17 countries. <i>Clinical Imaging</i> , 2021, 79, 230-234.	1.5	3
18	<b>Importance, limits and caveats of the use of disorders of consciousness to theorize consciousness</b>. <i>Neuroscience of Consciousness</i> , 2021, 2021, niab048.	2.6	11

#	ARTICLE	IF	CITATIONS
19	Specificities of arterial spin labeling (ASL) abnormalities in acute seizure. <i>Journal of Neuroradiology</i> , 2020, 47, 20-26.	1.1	13
20	Subdural brain metastasis of lung adenocarcinoma on arterial spin labeling (ASL) MRI. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 119-120.	3.2	0
21	Multimodal Magnetic Resonance Imaging Quantification of Brain Changes in Progressive Supranuclear Palsy. <i>Movement Disorders</i> , 2020, 35, 161-170.	3.9	31
22	Potential effect of fetal origin of posterior cerebral artery on the arterial spin labeling sequence. <i>Journal of Neuroradiology</i> , 2020, 47, 238-241.	1.1	0
23	Are Gadolinium-Enhanced MR Sequences Needed in Simultaneous <sup>18</sup> F-FDG-PET/MRI for Tumor Delineation in Head and Neck Cancer?. <i>American Journal of Neuroradiology</i> , 2020, 41, 1888-1896.	2.4	8
24	Retrospective Observational Study of Brain MRI Findings in Patients with Acute SARS-CoV-2 Infection and Neurologic Manifestations. <i>Radiology</i> , 2020, 297, E313-E323.	7.3	131
25	Neuroprognostication of Consciousness Recovery in a Patient with COVID-19 Related Encephalitis: Preliminary Findings from a Multimodal Approach. <i>Brain Sciences</i> , 2020, 10, 845.	2.3	16
26	The Role of Magnetic Resonance Imaging for the Diagnosis of Atypical Parkinsonism. <i>Frontiers in Neurology</i> , 2020, 11, 665.	2.4	22
27	Spatiotemporal changes in substantia nigra neuromelanin content in Parkinson's disease. <i>Brain</i> , 2020, 143, 2757-2770.	7.6	61
28	ASL perfusion in acute ischemic stroke: The value of CBF in outcome prediction. <i>Clinical Neurology and Neurosurgery</i> , 2020, 194, 105908.	1.4	14
29	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. <i>Radiology</i> , 2020, 297, E242-E251.	7.3	333
30	Consensus Guidelines of the French Society of Neuroradiology (SFNR) on the use of Gadolinium-Based Contrast agents (GBCAs) and related MRI protocols in Neuroradiology. <i>Journal of Neuroradiology</i> , 2020, 47, 441-449.	1.1	13
31	Iron Imaging as a Diagnostic Tool for Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2020, 11, 366.	2.4	40
32	Habituation of auditory startle reflex is a new sign of minimally conscious state. <i>Brain</i> , 2020, 143, 2154-2172.	7.6	28
33	Pseudo-continuous arterial spin labelling shows high diagnostic performance in the detection of postoperative residual lesion in hyper-vascularised adult brain tumours. <i>European Radiology</i> , 2020, 30, 2809-2820.	4.5	5
34	Management of tegmen defects with mastoid and epitympanic obliteration using S53P4 bioactive glass. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 297-304.	1.5	7
35	Brain MRI features and scoring of leukodystrophy in adult-onset Krabbe disease. <i>Neurology</i> , 2019, 93, e647-e652.	1.1	25
36	Bioactive glass granules for mastoid and epitympanic surgical obliteration: CT and MRI appearance. <i>European Radiology</i> , 2019, 29, 5617-5626.	4.5	17

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37	Exploring new landmarks: analysis of Twitter usage during the 41st ESNR Annual Meeting. <i>Neuroradiology</i> , 2019, 61, 621-626.	2.2	6
38	Testing the therapeutic effects of transcranial direct current stimulation (tDCS) in semantic dementia: a double blind, sham controlled, randomized clinical trial. <i>Trials</i> , 2019, 20, 632.	1.6	9
39	FDG PET/MRI Findings Pointing Toward a Gayet-Wernicke Encephalopathy. <i>Clinical Nuclear Medicine</i> , 2019, 44, e456-e457.	1.3	2
40	Multimodal magnetic resonance imaging investigation of basal forebrain damage and cognitive deficits in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 516-525.	3.9	42
41	Characterization of Skull Base Lesions Using Pseudo-Continuous Arterial Spin Labeling. <i>Clinical Neuroradiology</i> , 2019, 29, 75-86.	1.9	16
42	Role of electrophysiology in guiding near-total resection for preservation of facial nerve function in the surgical treatment of large vestibular schwannomas. <i>Journal of Neurosurgery</i> , 2018, 128, 903-910.	1.6	29
43	Progressive white-matter demyelination in delayed CO poisoning encephalopathy. <i>Journal of Neuroradiology</i> , 2018, 45, 59-62.	1.1	2
44	Increased 18F-FDG Uptake in Lhermitte-Duclos Disease With Cowden Syndrome Revealed by PET-MRI. <i>Clinical Nuclear Medicine</i> , 2018, 43, e355-e356.	1.3	2
45	Comparative Study of MRI Biomarkers in the Substantia Nigra to Discriminate Idiopathic Parkinson Disease. <i>American Journal of Neuroradiology</i> , 2018, 39, 1460-1467.	2.4	51
46	Malignant transformation of epidermoid cyst with diffuse leptomeningeal carcinomatosis on skull base and trigeminal perineural spread. <i>Journal of Neuroradiology</i> , 2018, 45, 337-340.	1.1	1
47	Unexpected good outcome in severe cerebral fat embolism syndrome. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 988-995.	3.7	10
48	Arterial Spin Labeling to Predict Brain Tumor Grading: Limits of Cutoff Cerebral Blood Flow Values. <i>Radiology</i> , 2017, 282, 610-612.	7.3	6
49	Capecitabine-induced acute toxic leukoencephalopathy. <i>NeuroToxicology</i> , 2017, 62, 1-5.	3.0	16
50	Women authorship in radiology research in France: An analysis of the last three decades. <i>Diagnostic and Interventional Imaging</i> , 2017, 98, 769-773.	3.2	20
51	Magnetic Resonance Imaging Biomarkers to Assess Substantia Nigra Damage in Idiopathic Rapid Eye Movement Sleep Behavior Disorder. <i>Sleep</i> , 2017, 40, .	1.1	55
52	Spontaneous Hemorrhagic Glioblastoma Revealed by Arterial Spin Labeling. <i>World Neurosurgery</i> , 2017, 108, 986.e1-986.e2.	1.3	1
53	Women's career choices in radiology in France. <i>Diagnostic and Interventional Imaging</i> , 2017, 98, 775-783.	3.2	8
54	Post-surgery pCASL perfusion MRI of endolymphatic sac tumor. <i>Journal of Neuroradiology</i> , 2017, 44, 345-347.	1.1	2

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55	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
56	Pituitary Apoplexy Mimicking Bacterial Meningitis with Intracranial Hypertension. World Neurosurgery, 2017, 97, 748.e3-748.e5.	1.3	2
57	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
58	Anatomical, functional and quality-of-life results for mastoid and epitympanic obliteration with bioactive glass s3p4: a prospective clinical study. Clinical Otolaryngology, 2017, 42, 387-396.	1.2	33
59	Traumatic oculomotor nerve section. Journal Francais D'Ophtalmologie, 2016, 39, 880-881.	0.4	2
60	Medulla oblongata damage and cardiac autonomic dysfunction in Parkinson disease. Neurology, 2016, 87, 2540-2545.	1.1	32
61	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
62	The coeruleus/subcoeruleus complex in idiopathic rapid eye movement sleep behaviour disorder. Brain, 2016, 139, 1180-1188.	7.6	148
63	High nigral iron deposition in LRRK2 and Parkin mutation carriers using R2* relaxometry. Movement Disorders, 2015, 30, 1077-1084.	3.9	77
64	fMRI contrast at high and ultrahigh magnetic fields: Insight from complementary methods. NeuroImage, 2015, 113, 37-43.	4.2	21
65	A review of the use of magnetic resonance imaging in Parkinson's disease. Therapeutic Advances in Neurological Disorders, 2014, 7, 206-220.	3.5	111
66	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
67	Laryngeal anomalies: Pitfalls in adult forensic autopsies. Medicine, Science and the Law, 2014, 54, 1-7.	1.0	9
68	What is your diagnosis?. Journal of Neuroradiology, 2010, 37, 192-195.	1.1	7
69	Tumeurs mammaires bilatérales chez une jeune femme: pensez à réaliser une TEP/TDM au FDG. À propos d'un cas de discordance entre l'imagerie scintigraphique et la TEP/TDM. Médecine Nucléaire, 2010, 34, 383-387.	0.2	0