

# Nobukatsu Sawamoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1770489/publications.pdf>

Version: 2024-02-01

78  
papers

3,768  
citations

147801

31  
h-index

133252

59  
g-index

79  
all docs

79  
docs citations

79  
times ranked

5950  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expectation of Pain Enhances Responses to Nonpainful Somatosensory Stimulation in the Anterior Cingulate Cortex and Parietal Operculum/Posterior Insula: an Event-Related Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2000, 20, 7438-7445.	3.6	476
2	The Human Premotor Cortex Is 'Mirror' Only for Biological Actions. <i>Current Biology</i> , 2004, 14, 117-120.	3.9	285
3	Cognitive deficits and striato-frontal dopamine release in Parkinson's disease. <i>Brain</i> , 2008, 131, 1294-1302.	7.6	247
4	Primary somatosensory cortex is actively involved in pain processing in human. <i>Brain Research</i> , 2000, 853, 282-289.	2.2	180
5	Transient Neural Activity in the Medial Superior Frontal Gyrus and Precuneus Time Locked with Attention Shift between Object Features. <i>NeuroImage</i> , 1999, 10, 193-199.	4.2	178
6	The Role of Rostral Brodmann Area 6 in Mental-operation Tasks: an Integrative Neuroimaging Approach. <i>Cerebral Cortex</i> , 2002, 12, 1157-1170.	2.9	167
7	Cognitive Slowing in Parkinson's Disease: A Behavioral Evaluation Independent of Motor Slowing. <i>Journal of Neuroscience</i> , 2002, 22, 5198-5203.	3.6	127
8	Intraoperative dorsal language network mapping by using single-pulse electrical stimulation. <i>Human Brain Mapping</i> , 2014, 35, 4345-4361.	3.6	120
9	Anterior and posterior cingulum abnormalities and their association with psychopathology in schizophrenia: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2007, 95, 215-222.	2.0	117
10	The Role of the Uncinate Fasciculus in Memory and Emotional Recognition in Amnesic Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 26, 432-439.	1.5	115
11	Theory of mind and frontal lobe pathology in schizophrenia: A voxel-based morphometry study. <i>Schizophrenia Research</i> , 2008, 105, 165-174.	2.0	87
12	Overlapping connections within the motor cortico-basal ganglia circuit: fMRI-tractography analysis. <i>NeuroImage</i> , 2013, 78, 353-362.	4.2	74
13	ATP increases extracellular dopamine level through stimulation of P2Y purinoceptors in the rat striatum. <i>Brain Research</i> , 1995, 691, 205-212.	2.2	70
14	Thalamocortical Disconnection in the Orbitofrontal Region Associated With Cortical Thinning in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 12.	11.0	70
15	THE PRESENCE OF MULTIPLE MICROBLEEDS AS A PREDICTOR OF SUBSEQUENT CEREBRAL HEMORRHAGE IN PATIENTS WITH MOYAMOYA DISEASE. <i>Neurosurgery</i> , 2008, 62, 104-112.	1.1	69
16	Microbleeds in Moyamoya Disease: Susceptibility-Weighted Imaging Versus T2*-Weighted Imaging at 3 Tesla. <i>Investigative Radiology</i> , 2008, 43, 574-579.	6.2	61
17	Clinical impact of intraoperative CCEP monitoring in evaluating the dorsal language white matter pathway. <i>Human Brain Mapping</i> , 2017, 38, 1977-1991.	3.6	58
18	Amygdalar enlargement in patients with temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 652-657.	1.9	56

#	ARTICLE	IF	CITATIONS
19	Age-related cortical thinning in schizophrenia. <i>Schizophrenia Research</i> , 2011, 125, 21-29.	2.0	53
20	Modulation of the Visual Word Retrieval System in Writing: A Functional MRI Study on the Japanese Orthographies. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 104-115.	2.3	52
21	Abnormal asymmetry of white matter integrity in schizophrenia revealed by voxelwise diffusion tensor imaging. <i>Human Brain Mapping</i> , 2012, 33, 1741-1749.	3.6	48
22	The contribution of cortical thickness and surface area to gray matter asymmetries in the healthy human brain. <i>Human Brain Mapping</i> , 2014, 35, 6011-6022.	3.6	48
23	Functional mapping of human medial frontal motor areas. <i>Experimental Brain Research</i> , 2001, 138, 403-409.	1.5	46
24	Reduced white matter integrity as a neural correlate of social cognition deficits in schizophrenia. <i>Schizophrenia Research</i> , 2010, 119, 232-239.	2.0	46
25	Alexithymia and reduced white matter integrity in schizophrenia: A diffusion tensor imaging study on impaired emotional self-awareness. <i>Schizophrenia Research</i> , 2012, 141, 137-143.	2.0	43
26	A novel composite targeting method using high-field magnetic resonance imaging for subthalamic nucleus deep brain stimulation. <i>Journal of Neurosurgery</i> , 2009, 111, 737-745.	1.6	42
27	An intrinsic diffusion response function for analyzing diffusion functional MRI time series. <i>NeuroImage</i> , 2009, 47, 1487-1495.	4.2	41
28	Brain volume and dysexecutive behavior in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1255-1260.	4.8	40
29	Reduced white matter integrity correlated with cortico-subcortical gray matter deficits in schizophrenia. <i>Schizophrenia Research</i> , 2009, 111, 78-85.	2.0	38
30	Alexithymia and regional gray matter alterations in schizophrenia. <i>Neuroscience Research</i> , 2011, 70, 206-213.	1.9	38
31	Global Association Between Cortical Thinning and White Matter Integrity Reduction in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 420-427.	4.3	36
32	Female specific anterior cingulate abnormality and its association with empathic disability in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1728-1734.	4.8	30
33	NLRP3 Inflammasome-Related Proteins Are Upregulated in the Putamen of Patients With Multiple System Atrophy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 1055-1065.	1.7	26
34	Insular activation during reward anticipation reflects duration of illness in abstinent pathological gamblers. <i>Frontiers in Psychology</i> , 2014, 5, 1013.	2.1	25
35	Differential diagnosis of parkinsonian syndromes using dopamine transporter and perfusion SPECT. <i>Parkinsonism and Related Disorders</i> , 2018, 47, 15-21.	2.2	25
36	Transcultural differences in brain activation patterns during theory of mind (ToM) task performance in Japanese and Caucasian participants. <i>Social Neuroscience</i> , 2011, 6, 615-626.	1.3	24

#	ARTICLE	IF	CITATIONS
37	Impact of gray matter reductions on theory of mind abilities in patients with schizophrenia. <i>Social Neuroscience</i> , 2013, 8, 631-639.	1.3	22
38	Correlation between Cognitive Deficits and Glucose Hypometabolism in Mild Cognitive Impairment. <i>Journal of Neuroimaging</i> , 2010, 20, 29-36.	2.0	21
39	Social impairment in schizophrenia revealed by Autism-Spectrum Quotient correlated with gray matter reduction. <i>Social Neuroscience</i> , 2011, 6, 548-558.	1.3	21
40	Complement Activation in Capillary Cerebral Amyloid Angiopathy. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 343-353.	1.5	21
41	Tactile priming modulates the activation of the fronto-parietal circuit during tactile angle match and non-match processing: an fMRI study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 926.	2.0	20
42	Epileptic network of hypothalamic hamartoma: An EEG-fMRI study. <i>Epilepsy Research</i> , 2016, 125, 1-9.	1.6	20
43	Brain MRI with Quantitative Susceptibility Mapping: Relationship to CT Attenuation Values. <i>Radiology</i> , 2020, 294, 600-609.	7.3	20
44	Susceptibility-Weighted Imaging at 3 Tesla Delineates the Optic Radiation. <i>Investigative Radiology</i> , 2009, 44, 140-145.	6.2	19
45	The neural correlates of endowment effect without economic transaction. <i>Neuroscience Research</i> , 2010, 68, 59-65.	1.9	19
46	ATP INDUCES RELEASE OF NEWLY SYNTHESIZED DOPAMINE IN THE RAT STRIATUM. <i>Neurochemistry International</i> , 1996, 28, 395-400.	3.8	17
47	Diagnostic utility of FDG-PET in neurolymphomatosis: report of five cases. <i>Journal of Neurology</i> , 2016, 263, 1719-1726.	3.6	17
48	Altered striatal circuits underlie characteristic personality traits in Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 1828-1839.	3.6	17
49	Network specific change in white matter integrity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2016, 120, 65-72.	1.6	17
50	Motor Progression and Nigrostriatal Neurodegeneration in Parkinson Disease. <i>Annals of Neurology</i> , 2022, 92, 110-121.	5.3	17
51	Color harmony represented by activity in the medial orbitofrontal cortex and amygdala. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 382.	2.0	16
52	Phosphorylated NF- $\kappa$ B subunit p65 aggregates in granulovacuolar degeneration and neurites in neurodegenerative diseases with tauopathy. <i>Neuroscience Letters</i> , 2019, 704, 229-235.	2.1	16
53	Neuromelanin-sensitive Magnetic Resonance Imaging Using DANTE Pulse. <i>Movement Disorders</i> , 2021, 36, 874-882.	3.9	16
54	Investigating association of brain volumes with intracranial capacity in schizophrenia. <i>NeuroImage</i> , 2010, 49, 2503-2508.	4.2	14

#	ARTICLE	IF	CITATIONS
55	Pathophysiology of unilateral asterixis due to thalamic lesion. <i>Clinical Neurophysiology</i> , 2012, 123, 1858-1864.	1.5	13
56	Internal Structural Changes in the Hippocampus Observed on 3-Tesla MRI in Patients with Mesial Temporal Lobe Epilepsy. <i>Internal Medicine</i> , 2013, 52, 877-885.	0.7	13
57	Functional relevance of the precuneus in verbal politeness. <i>Neuroscience Research</i> , 2015, 91, 48-56.	1.9	13
58	Thigh muscle MRI findings in myopathy associated with anti-mitochondrial antibody. <i>Muscle and Nerve</i> , 2020, 61, 81-87.	2.2	13
59	Regional gray matter reduction correlates with subjective quality of life in schizophrenia. <i>Journal of Psychiatric Research</i> , 2013, 47, 548-554.	3.1	12
60	Task-irrelevant memory load induces inattentional blindness without temporo-parietal suppression. <i>Neuropsychologia</i> , 2010, 48, 3094-3101.	1.6	10
61	Two-Minute Quantitative Susceptibility Mapping From Three-Dimensional Echo-Planar Imaging. <i>Investigative Radiology</i> , 2021, 56, 69-77.	6.2	10
62	A novel A792D mutation in the CSF1R gene causes hereditary diffuse leukoencephalopathy with axonal spheroids characterized by slow progression. <i>ENeurologicalSci</i> , 2015, 1, 7-9.	1.3	9
63	The stimulator of interferon genes (STING) pathway is upregulated in striatal astrocytes of patients with multiple system atrophy. <i>Neuroscience Letters</i> , 2021, 757, 135972.	2.1	9
64	Differential Roles for Parietal and Occipital Cortices in Visual Working Memory. <i>PLoS ONE</i> , 2012, 7, e38623.	2.5	8
65	fMRI evidence of improved visual function in patients with progressive retinitis pigmentosa by eye-movement training. <i>NeuroImage: Clinical</i> , 2014, 5, 161-168.	2.7	8
66	Task-specific brain reorganization in motor recovery induced by a hybrid-rehabilitation combining training with brain stimulation after stroke. <i>Neuroscience Research</i> , 2015, 92, 29-38.	1.9	8
67	Network hyperexcitability in a patient with partial reading epilepsy: Converging evidence from magnetoencephalography, diffusion tractography, and functional magnetic resonance imaging. <i>Clinical Neurophysiology</i> , 2015, 126, 675-681.	1.5	8
68	Charcot-Marie-Tooth disease type 2A with an autosomal-recessive inheritance: the first report of an adult-onset disease. <i>Journal of Human Genetics</i> , 2018, 63, 89-92.	2.3	8
69	Painful Focal Sensory Seizure Arising from the Primary Somatosensory Cortex. <i>Internal Medicine</i> , 2003, 42, 875-879.	0.7	7
70	Amyotrophic Lateral Sclerosis after Receiving the Human Papilloma Virus Vaccine: A Case Report of a 15-year-old Girl. <i>Internal Medicine</i> , 2018, 57, 1917-1919.	0.7	7
71	Engagement of cortico-cortical and cortico-subcortical networks in a patient with epileptic spasms: An integrated neurophysiological study. <i>Clinical Neurophysiology</i> , 2020, 131, 2255-2264.	1.5	6
72	Insertable inductively coupled volumetric coils for MR microscopy in a human 7T MR system. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1613-1620.	3.0	6

#	ARTICLE	IF	CITATIONS
73	Spin-echo T1-weighted Imaging of the Brain with Interleaved Acquisition and Presaturation Pulse at 3 T. <i>Academic Radiology</i> , 2009, 16, 852-857.	2.5	4
74	Stimulus-driven changes in the direction of neural priming during visual word recognition. <i>NeuroImage</i> , 2016, 125, 428-436.	4.2	3
75	Convergence paralysis caused by a localized cerebral infarction affecting the white matter underlying the right frontal eye field. <i>Journal of the Neurological Sciences</i> , 2017, 375, 94-96.	0.6	3
76	Impact of the catechol-O-methyltransferase Val158Met polymorphism on the pharmacokinetics of l-dopa and its metabolite 3-O-methyldopa in combination with entacapone. <i>Journal of Neural Transmission</i> , 2021, 128, 27-36.	2.8	1
77	Thalamic Deep Brain Stimulation for Refractory Atypical Tremor after Encephalitis of Unknown Etiology: A Case Report. <i>NMC Case Report Journal</i> , 2021, 8, 247-252.	0.5	1
78	Two cases of delayed perforating artery infarction adjacent to intracranial hemorrhage. <i>ENeurologicalSci</i> , 2019, 17, 100209.	1.3	0