Daichi Sone

List of Publications by Year in descending order

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Version: 2024-02-01

394421 434195 1,630 114 19 31 citations h-index g-index papers 117 117 117 2671 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	Optimal Surgical Extent for Memory and Seizure Outcome in Temporal Lobe Epilepsy. Annals of Neurology, 2022, 91, 131-144.	5.3	13
2	Barriers to telemedicine among physicians in epilepsy care during the COVID-19 pandemic: A national-level cross-sectional survey in Japan. Epilepsy and Behavior, 2022, 126, 108487.	1.7	10
3	Neuroimaging-derived brain age is associated with life satisfaction in cognitively unimpaired elderly: A community-based study. Translational Psychiatry, 2022, 12, 25.	4.8	10
4	Frontal lobe-dominant cerebral blood flow reduction and atrophy can be progressive in Duchenne muscular dystrophy. Neuromuscular Disorders, 2022, 32, 477-485.	0.6	4
5	Impact of <scp>COVID</scp> â€19 pandemic on epilepsy care in Japan: AÂnationalâ€level multicenter retrospective cohort study. Epilepsia Open, 2022, 7, 431-441.	2.4	7
6	Neuroimaging-based brain-age prediction in diverse forms of epilepsy: a signature of psychosis and beyond. Molecular Psychiatry, 2021, 26, 825-834.	7.9	54
7	Quantitative analysis of double inversion recovery and FLAIR signals in temporal lobe epilepsy. Epilepsy Research, 2021, 170, 106540.	1.6	3
8	Gray matter structural networks related to 18F-THK5351 retention in cognitively normal older adults and Alzheimer's disease patients. ENeurologicalSci, 2021, 22, 100309.	1.3	4
9	Voxel-based correlation of 18F-THK5351 accumulation with gray matter structural networks in cognitively normal older adults. ENeurologicalSci, 2021, 23, 100343.	1.3	O
10	Clinical Application of Machine Learning Models for Brain Imaging in Epilepsy: A Review. Frontiers in Neuroscience, 2021, 15, 684825.	2.8	21
11	Making the Invisible Visible: Advanced Neuroimaging Techniques in Focal Epilepsy. Frontiers in Neuroscience, 2021, 15, 699176.	2.8	7
12	Accurate lateralization and classification of MRI-negative 18F-FDG-PET-positive temporal lobe epilepsy using double inversion recovery and machine-learning. Computers in Biology and Medicine, 2021, 137, 104805.	7.0	8
13	Histopathological validation and clinical correlates of hippocampal subfield volumetry based on T2-weighted MRI in temporal lobe epilepsy with hippocampal sclerosis. Epilepsy Research, 2021, 177, 106759.	1.6	4
14	Single-subject gray matter networks in temporal lobe epilepsy patients with hippocampal sclerosis. Epilepsy Research, 2021, 177, 106766.	1.6	6
15	Risk factors for psychological distress in electroencephalography technicians during the COVID-19 pandemic: A national-level cross-sectional survey in Japan. Epilepsy and Behavior, 2021, 125, 108361.	1.7	4
16	Structural brain network differences in bipolar disorder using with similarity-based approach. Acta Neuropsychiatrica, 2021, 33, 121-125.	2.1	3
17	The Basics: What Constitutes a Photoparoxysmal Response? FMRI, PET, TMS and MEG Studies. , 2021, , 199-205.		O
18	A chicken or egg question: Which comes first, psychiatric symptom or poor quality of life?. Epilepsy and Behavior, 2021, , 108416.	1.7	0

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19	Effect of Anti-seizure Medications on Functional Anatomy of Language: A Perspective From Language Functional Magnetic Resonance Imaging. Frontiers in Neuroscience, 2021, 15, 787272.	2.8	6
20	Voxelâ€based correlation of ¹⁸ Fâ€THK5351 accumulation with gray matter structural networks in cognitively normal older adults. Alzheimer's and Dementia, 2021, 17, .	0.8	0
21	Discriminating chorea-acanthocytosis from Huntington's disease with single-case voxel-based morphometry analysis. Journal of the Neurological Sciences, 2020, 408, 116545.	0.6	5
22	Disrupted White Matter Integrity and Structural Brain Networks in Temporal Lobe Epilepsy With and Without Interictal Psychosis. Frontiers in Neurology, 2020, 11, 556569.	2.4	5
23	FLAIR-Wise Machine-Learning Classification and Lateralization of MRI-Negative 18F-FDG PET-Positive Temporal Lobe Epilepsy. Frontiers in Neurology, 2020, 11, 580713.	2.4	10
24	Association between neurite metrics and tau/inflammatory pathology in Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12125.	2.4	14
25	Altered Structural Brain Networks Related to Adrenergic/Muscarinic Receptor Autoantibodies in Chronic Fatigue Syndrome. Journal of Neuroimaging, 2020, 30, 822-827.	2.0	28
26	Delineation of the nerve fiber bundles of the infant brain associated with aging using phase difference-enhanced imaging: a preliminary study. Japanese Journal of Radiology, 2020, 38, 731-739.	2.4	1
27	Pattern analysis of glucose metabolic brain data for lateralization of MRI-negative temporal lobe epilepsy. Epilepsy Research, 2020, 167, 106474.	1.6	13
28	T1-weighted MRI-driven Brain Age Estimation in Alzheimer's Disease and Parkinson's Disease. , 2020, 11, 618.		67
29	Nuclear Imaging in Epilepsy: Principles and Progress. Epilepsy and Seizure, 2020, 12, 40-48.	0.2	4
30	Identifying the Mechanisms of Anxiety in Temporal Lobe Epilepsy by Using Functional MRI. Journal of the Japan Epilepsy Society, 2020, 38, 54-60.	0.2	0
31	Longitudinal analysis of risk factors for dementia based on Mild Cognitive Impairment Screen results and questionnaire responses from healthy Japanese individuals registered in an online database. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 347-353.	3.7	3
32	Neuroimaging of Alzheimer's disease: focus on amyloid and tau PET. Japanese Journal of Radiology, 2019, 37, 735-749.	2.4	35
33	<p>Differentiation Between Dementia With Lewy Bodies And Alzheimer's Disease Using Voxel-Based Morphometry Of Structural MRI: A Multicenter Study</p> . Neuropsychiatric Disease and Treatment, 2019, Volume 15, 2715-2722.	2.2	13
34	Disrupted cortico-ponto-cerebellar pathway in patients with hemimegalencephaly. Brain and Development, 2019, 41, 507-515.	1.1	6
35	Association between subfield volumes of the medial temporal lobe and cognitive assessments. Heliyon, 2019, 5, e01828.	3.2	12
36	Changes of Myelin Organization in Patients with Alzheimer's Disease Shown by q-Space Myelin Map Imaging. Dementia and Geriatric Cognitive Disorders Extra, 2019, 9, 24-33.	1.3	13

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37	Exploring the frequency and clinical background of the "zebra sign―in amyotrophic lateral sclerosis and multiple system atrophy. Journal of the Neurological Sciences, 2019, 401, 90-94.	0.6	5
38	Similar and Differing Distributions Between 18F-FDG-PET and Arterial Spin Labeling Imaging in Temporal Lobe Epilepsy. Frontiers in Neurology, 2019, 10, 318.	2.4	14
39	The use of diffusional kurtosis imaging and neurite orientation dispersion and density imaging of the brain in bipolar disorder. Journal of Affective Disorders, 2019, 251, 231-234.	4.1	12
40	Reduced resilience of brain gray matter networks in idiopathic generalized epilepsy: A graph-theoretical analysis. PLoS ONE, 2019, 14, e0212494.	2.5	9
41	<p>Widely Impaired White Matter Integrity and Altered Structural Brain Networks in Psychogenic Non-Epileptic Seizures</p> . Neuropsychiatric Disease and Treatment, 2019, Volume 15, 3549-3555.	2,2	21
42	Alteration of the anatomical covariance network after corpus callosotomy in pediatric intractable epilepsy. PLoS ONE, 2019, 14, e0222876.	2.5	6
43	Automated Volumetry of Medial Temporal Lobe Subregions in Mild Cognitive Impairment and Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2019, 33, 206-211.	1.3	9
44	Brain abnormalities in myalgic encephalomyelitis/chronic fatigue syndrome: Evaluation by diffusional kurtosis imaging and neurite orientation dispersion and density imaging. Journal of Magnetic Resonance Imaging, 2019, 49, 818-824.	3.4	16
45	Voxel-based correlation of 18F-THK5351 accumulation and gray matter volume in the brain of cognitively normal older adults. EJNMMI Research, 2019, 9, 81.	2.5	4
46	Brain morphological and microstructural features in cryptogenic late-onset temporal lobe epilepsy: a structural and diffusion MRI study. Neuroradiology, 2018, 60, 635-641.	2.2	12
47	The use of diffusional kurtosis imaging and neurite orientation dispersion and density imaging of the brain in major depressive disorder. Journal of Psychiatric Research, 2018, 98, 22-29.	3.1	17
48	MR findings in the substantia nigra on phase difference enhanced imaging in neurodegenerative parkinsonism. Parkinsonism and Related Disorders, 2018, 48, 10-16.	2.2	14
49	Japanese multicenter database of healthy controls for [1231]FP-CIT SPECT. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1405-1416.	6.4	80
50	Marked accumulation of oligodendrogliaâ€like cells in temporal lobe epilepsy with amygdala enlargement and hippocampal sclerosis. Neuropathology, 2018, 38, 154-158.	1.2	3
51	P3â€384: ASSOCIATION OF TAU AND AMYLOIDâ€Î² PROTEINS TO STRUCTURAL CONNECTIVITY CHANGES IN COGNITIVELY HEALTHY ELDERLY AND EARLY ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1241.	0.8	0
52	P1â€643: ANALYSIS OF RISK FACTORS FOR DEMENTIA BASED ON 10â€WORD MEMORY TEST RESULTS AND QUESTIONNAIRE RESPONSES IN HEALTHY JAPANESE INDIVIDUALS REGISTERED IN AN ONLINE REGISTRY. Alzheimer's and Dementia, 2018, 14, P588.	0.8	0
53	Abnormal neurite density and orientation dispersion in unilateral temporal lobe epilepsy detected by advanced diffusion imaging. Neurolmage: Clinical, 2018, 20, 772-782.	2.7	25
54	Association of deposition of tau and amyloidâ€Ĵ² proteins with structural connectivity changes in cognitively normal older adults and Alzheimer's disease spectrum patients. Brain and Behavior, 2018, 8, e01145.	2.2	18

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55	Subtle abnormality in neurite dispersion in idiopathic generalized epilepsy detected by an advanced diffusion imaging technique. Epilepsy and Seizure, 2018, 10, 33-43.	0.2	3
56	Analysis of risk factors for mild cognitive impairment based on word list memory test results and questionnaire responses in healthy Japanese individuals registered in an online database. PLoS ONE, 2018, 13, e0197466.	2.5	6
57	Dissociation of Tau Deposits and Brain Atrophy in Early Alzheimer's Disease: A Combined Positron Emission Tomography/Magnetic Resonance Imaging Study. Frontiers in Aging Neuroscience, 2018, 10, 223.	3.4	13
58	Gray Matter and White Matter Abnormalities in Temporal Lobe Epilepsy Patients with and without Hippocampal Sclerosis. Frontiers in Neurology, 2018, 9, 107.	2.4	17
59	Voxel-based Specific Regional Analysis System for Alzheimer's Disease (VSRAD) on 3-tesla Normal Database: Diagnostic Accuracy in Two Independent Cohorts with Early Alzheimer's Disease. , 2018, 9, 755.		13
60	Relationship between Autistic Spectrum Trait and Regional Cerebral Blood Flow in Healthy Male Subjects. Psychiatry Investigation, 2018, 15, 956-961.	1.6	2
61	Thalamic involvement determined using VSRAD advance on MRI and easy Z-score analysis of 99mTc-ECD-SPECT in Gerstmann-StrAussler-Scheinker syndrome with P102L mutation. Journal of the Neurological Sciences, 2017, 373, 27-30.	0.6	8
62	Thalamic hypoperfusion and disrupted cerebral blood flow networks in idiopathic generalized epilepsy: Arterial spin labeling and graph theoretical analysis. Epilepsy Research, 2017, 129, 95-100.	1.6	15
63	Correlation of reduced social communicational and interactional skills with regional grey matter volumes in schizophrenia patients. Acta Neuropsychiatrica, 2017, 29, 374-381.	2.1	5
64	Validation of the cingulate island sign with optimized ratios for discriminating dementia with Lewy bodies from Alzheimer's disease using brain perfusion SPECT. Annals of Nuclear Medicine, 2017, 31, 536-543.	2.2	43
65	Correlations between dopamine transporter density measured by 123I-FP-CIT SPECT and regional gray matter volume in Parkinson's disease. Japanese Journal of Radiology, 2017, 35, 755-759.	2.4	7
66	Noninvasive detection of focal brain hyperthermia related to continuous epileptic activities using proton MR spectroscopy. Epilepsy Research, 2017, 138, 1-4.	1.6	12
67	A structural MRI study of cholinergic pathways and cognition in multiple sclerosis. ENeurologicalSci, 2017, 8, 11-16.	1.3	6
68	Whole brain analyses of age-related microstructural changes quantified using different diffusional magnetic resonance imaging methods. Japanese Journal of Radiology, 2017, 35, 584-589.	2.4	17
69	Regional tau deposition and subregion atrophy of medial temporal structures in early Alzheimer's disease: A combined positron emission tomography/magnetic resonance imaging study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 9, 35-40.	2.4	27
70	Computed-tomography-guided anatomic standardization for quantitative assessment of dopamine transporter SPECT. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 366-372.	6.4	17
71	[P2–391]: MULTIMODAL IMAGING CORRELATIONS IN EARLY ALZHEIMER's DISEASE: AMYLOID, TAU, AND NEURITE IMAGING. Alzheimer's and Dementia, 2017, 13, P779.	0.8	0
72	[ICâ€Pâ€184]: UTILITY OF ¹⁸ Fâ€THK5351 PET IN DIAGNOSIS AND DIFFERENTIATION OF NEURODEGENERATIVE DISEASES. Alzheimer's and Dementia, 2017, 13, P136.	0.8	0

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73	Comparing CAT12 and VBM8 for Detecting Brain Morphological Abnormalities in Temporal Lobe Epilepsy. Frontiers in Neurology, 2017, 8, 428.	2.4	103
74	"Black butterfly―sign on T2*-weighted and susceptibility-weighted imaging: A novel finding of chronic venous congestion of the brain stem and spinal cord associated with dural arteriovenous fistulas. Journal of the Neurological Sciences, 2017, 379, 64-68.	0.6	11
75	Brain gray matter structural network in myotonic dystrophy type 1. PLoS ONE, 2017, 12, e0187343.	2.5	15
76	(\hat{a}°) -Linalool influence on the cerebral blood flow in healthy male volunteers revealed by three-dimensional pseudo-continuous arterial spin labeling. Indian Journal of Psychiatry, 2017, 59, 225.	0.7	2
77	Impaired cerebral blood flow networks in temporal lobe epilepsy with hippocampal sclerosis: A graph theoretical approach. Epilepsy and Behavior, 2016, 62, 239-245.	1.7	13
78	White matter abnormalities in patients with temporal lobe epilepsy and amygdala enlargement: Comparison with hippocampal sclerosis and healthy subjects. Epilepsy Research, 2016, 127, 221-228.	1.6	11
79	Automated subfield volumetric analysis of hippocampus in temporal lobe epilepsy using high-resolution T2-weighed MR imaging. Neurolmage: Clinical, 2016, 12, 57-64.	2.7	53
80	The cingulate island sign within early Alzheimer's disease-specific hypoperfusion volumes of interest is useful for differentiating Alzheimer's disease from dementia with Lewy bodies. EJNMMI Research, 2016, 6, 67.	2.5	33
81	Striatal glucose hypometabolism in preadolescent-onset dentatorubral–pallidoluysian atrophy. Journal of the Neurological Sciences, 2016, 360, 121-124.	0.6	5
82	Intraventricular temperature measured by diffusion-weighted imaging compared with brain parenchymal temperature measured by MRS <i>in vivo</i> . NMR in Biomedicine, 2016, 29, 890-895.	2.8	15
83	Adult-onset refractory epilepsy with hypothalamic hamartoma and no gelastic seizures successfully treated by stereotactic thermocoagulation: A case report. Seizure: the Journal of the British Epilepsy Association, 2016, 37, 32-34.	2.0	6
84	Noninvasive evaluation of the correlation between regional cerebral blood flow and intraventricular brain temperature in temporal lobe epilepsy. Magnetic Resonance Imaging, 2016, 34, 451-454.	1.8	12
85	Graph Theoretical Analysis of Structural Neuroimaging in Temporal Lobe Epilepsy with and without Psychosis. PLoS ONE, 2016, 11, e0158728.	2.5	32
86	A case of Developmental Dyslexia Associated with Ccipital Lobe Epilepsy and Psychogenic Nonepileptic Seizure. Journal of the Japan Epilepsy Society, 2016, 34, 31-39.	0.2	0
87	A case of autoimmune epilepsy associated with anti-leucine-rich glioma inactivated subunit 1 antibodies manifesting electrical shock-like sensations and transparent sadness. Epilepsy & Behavior Case Reports, 2015, 4, 91-93.	1.5	5
88	Intraventricular cerebrospinal fluid temperature analysis using MR diffusionâ€weighted imaging thermometry in Parkinson's disease patients, multiple system atrophy patients, and healthy subjects. Brain and Behavior, 2015, 5, e00340.	2.2	21
89	Clinical impact of ¹¹ <scp>C</scp> â€Pittsburgh compoundâ€ <scp>B</scp> positron emission tomography carried out in addition to magnetic resonance imaging and singleâ€photon emission computed tomography on the diagnosis of <scp>A</scp> lzheimer's disease in patients with dementia and mild cognitive impairment. Psychiatry and Clinical Neurosciences. 2015. 69. 741-751.	1.8	11
90	Nonconvulsive status epilepticus in the elderly associated with newer antidepressants used at therapeutic doses: A report of three cases. Epilepsy & Behavior Case Reports, 2015, 3, 8-11.	1.5	12

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91	Effect of electroconvulsive therapy on gray matter volume in major depressive disorder. Journal of Affective Disorders, 2015, 186, 186-191.	4.1	72
92	Evaluation of amygdala pathology using $11C$ -methionine positron emission tomography/computed tomography in patients with temporal lobe epilepsy and amygdala enlargement. Epilepsy Research, 2015, 112 , 114 - 121 .	1.6	16
93	Complex regional pain syndrome in a 15-year-old girl successfully treated with continuous epidural anesthesia. Brain and Development, 2015, 37, 175-178.	1.1	4
94	Temporal Lobe Epilepsy with Unilateral Amygdala Enlargement: Morphometric MR Analysis with Clinical and Pathological Study. Journal of Neuroimaging, 2015, 25, 175-183.	2.0	24
95	Pitfall of Epilepsy in the Elderly: A Case of Jeavons Syndrome (Eyelid Myoclonia with or without) Tj ETQq1 1 0.784	43 1.4 rgBT 0:2	- Oyerlock 10
96	Chronic periodic lateralised epileptic discharges and anti-N-methyl-D-aspartate receptor antibodies. Epileptic Disorders, 2014, 16, 218-222.	1.3	12
97	Accelerated myelination along fiber tracts in patients with hemimegalencephaly. Journal of Neuroradiology, 2014, 41, 202-210.	1.1	16
98	Concordance between ^{99m} Tcâ€ECD SPECT and ¹⁸ Fâ€FDG PET interpretations in patients with cognitive disorders diagnosed according to NIAâ€AA criteria. International Journal of Geriatric Psychiatry, 2014, 29, 1079-1086.	2.7	17
99	Altered Coupling of Regional Cerebral Blood flow and Brain Temperature in Schizophrenia Compared with Bipolar Disorder and Healthy Subjects. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1868-1872.	4.3	24
100	A Case Manifesting Complex Partial Seizure Following Paroxysmal Kinesigenic Dyskinesia. Journal of the Japan Epilepsy Society, 2014, 31, 511-518.	0.2	0
101	A Case of Paroxysmal Kinesigenic Dyskinesia with Complex Partial Seizure Probably Associated with Amygdala Enlargement. Epilepsy and Seizure, 2014, 7, 1-13.	0.2	0
102	Effectiveness of Add-on Primidone for Refractory Myoclonus Associated with Benign Adult Familial Myoclonus Epilepsy: A Case Report. Journal of the Japan Epilepsy Society, 2014, 32, 31-38.	0.2	0
103	Symptomatic Partial Epilepsy Manifesting Generalized Rapid Rhythm-like Discharges: Report of One Case. Journal of the Japan Epilepsy Society, 2014, 31, 519-524.	0.2	0
104	Multimodal image analysis of sensorimotor gating in healthy women. Brain Research, 2013, 1499, 61-68.	2,2	14
105	In vivo evaluation of gray and white matter volume loss in the parkinsonian variant of multiple system atrophy using SPM8 plus DARTEL for VBM. Neurolmage: Clinical, 2013, 2, 491-496.	2.7	35
106	Abnormalities of cerebral blood flow in multiple sclerosis: A pseudocontinuous arterial spin labeling MRI study. Magnetic Resonance Imaging, 2013, 31, 990-995.	1.8	43
107	For Better Transition from Pediatric to Adult Care for Epilepsy: A Report and Proposals. Journal of the Japan Epilepsy Society, 2013, 31, 30-39.	0.2	5
108	Successful Seizure Control by Additional Zonisamide in a Case of Frontal Lobe Epilepsy with Repeated Seizures after Hemodialysis. Journal of the Japan Epilepsy Society, 2013, 31, 47-53.	0.2	0

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109	A case of autosomal dominant nocturnal frontal lobe epilepsy (ADNFLE) coexisting with pervasive developmental disorder harboring SCN1A mutation in addition to CHRNB2 mutation. Epilepsy and Behavior, 2012, 25, 192-195.	1.7	5
110	SISCOM technique with a variable Z score improves detectability of focal cortical dysplasia: a comparative study with MRI. Annals of Nuclear Medicine, 2012, 26, 397-404.	2.2	12
111	Relationship between diffusion tensor imaging and brain morphology in patients with myotonic dystrophy. Neuroscience Letters, 2006, 407, 234-239.	2.1	50
112	Effects of simvastatin 20 mg/d on serum lipid profiles in Japanese hyperlipidemic patients: A prospective, open-label pilot study. Current Therapeutic Research, 2005, 66, 613-629.	1.2	3
113	Cell cycle regulation of chromatin binding and nuclear localization of human Cdc7-ASK kinase complex. Genes To Cells, 2003, 8, 451-463.	1.2	41
114	<p>Neurite orientation and dispersion density imaging: clinical utility, efficacy, and role in therapy</p> . Reports in Medical Imaging, 0, Volume 12, 17-29.	0.8	7