Shuo Chen

List of Publications by Year
in descending order

75 papers	1,049 citations	471509 17 h-index	526287 27 g-index
78 all docs	78 docs citations	78 times ranked	1722 citing authors

#	Article	IF	Citations
1	Frontal white matter association with sleep quality and the role of stress. Journal of Sleep Research, 2023, 32, .	3.2	5
2	Translating <scp>ENIGMA</scp> schizophrenia findings using the regional vulnerability index: Association with cognition, symptoms, and disease trajectory. Human Brain Mapping, 2022, 43, 566-575.	3.6	25
3	Extracting brain disease–related connectome subgraphs by adaptive dense subgraph discovery. Biometrics, 2022, 78, 1566-1578.	1.4	7
4	The additive impact of <scp>cardio–metabolic</scp> disorders and psychiatric illnesses on accelerated brain aging. Human Brain Mapping, 2022, 43, 1997-2010.	3.6	8
5	Statistical Commentary. Journal of Nervous and Mental Disease, 2022, 210, 137-138.	1.0	0
6	Meta-Analysis of Transcriptome-Wide Association Studies across 13 Brain Tissues Identified Novel Clusters of Genes Associated with Nicotine Addiction. Genes, 2022, 13, 37.	2.4	1
7	Separating Clinical and Subclinical Depression by Big Data Informed Structural Vulnerability Index and Its impact on Cognition: ENIGMA Dot Product. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2022, 27, 133-143.	0.7	0
8	An integrated cluster–wise significance measure for <scp>fMRI</scp> analysis. Human Brain Mapping, 2022, 43, 2444-2459.	3.6	2
9	Anti-aggressive effects of clozapine in involuntarily committed black patients with severe mental illness. Schizophrenia Research, 2022, 243, 163-169.	2.0	3
10	SAturation–recovery and Variable–flip–Angle (SAVA) based three–dimensional free–breathing cardiovascular magnetic resonance T$_1$ mapping at 3T. NMR in Biomedicine, 2022, , e4755.	2.8	1
11	Remote clinical research operations during COVID-19: lessons learned and recommendations. Sleep, 2022, 45, .	1.1	1
12	A White Matter Connection of Schizophrenia and Alzheimer's Disease. Schizophrenia Bulletin, 2021, 47, 197-206.	4.3	35
13	An MRI-based radiomics signature as a pretreatment noninvasive predictor of overall survival and chemotherapeutic benefits in lower-grade gliomas. European Radiology, 2021, 31, 1785-1794.	4.5	29
14	Computerized Assessment of Psychosis Risk. Journal of Psychiatry and Brain Science, 2021, 6, .	0.5	3
15	ICN: extracting interconnected communities in gene co-expression networks. Bioinformatics, 2021, , .	4.1	2
16	Mapping local and long-distance resting connectivity markers of TMS-related inhibition reduction in schizophrenia. NeuroImage: Clinical, 2021, 31, 102688.	2.7	1
17	Allostatic Load Effects on Cortical and Cognitive Deficits in Essentially Normotensive, Normoweight Patients with Schizophrenia. Schizophrenia Bulletin, 2021, 47, 1048-1057.	4.3	11
18	Link predictions for incomplete network data with outcome misclassification. Statistics in Medicine, 2021, 40, 1519-1534.	1.6	0

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19	Comparison of regional brain deficit patterns in common psychiatric and neurological disorders as revealed by big data. NeuroImage: Clinical, 2021, 29, 102574.	2.7	9
20	Temporal-thalamic and cingulo-opercular connectivity in people with schizophrenia. NeuroImage: Clinical, 2021, 29, 102531.	2.7	9
21	N-methyl-D-aspartate Receptor Antibody and White Matter Deficits in Schizophrenia Treatment-Resistance. Schizophrenia Bulletin, 2021, 47, 1463-1472.	4.3	11
22	The microRNA-195 - BDNF pathway and cognitive deficits in schizophrenia patients with minimal antipsychotic medication exposure. Translational Psychiatry, 2021, 11, 117.	4.8	12
23	Detecting survival-associated biomarkers from heterogeneous populations. Scientific Reports, 2021, 11, 3203.	3.3	2
24	Blood pressure–related differences in brain health between young African Americans and Caucasian Americans. Physiological Reports, 2021, 9, e14819.	1.7	1
25	The effect of COVID–19 stay–at–home order and campus closure on the prevalence of acute respiratory infection symptoms in college campus cohorts. Influenza and Other Respiratory Viruses, 2021, 15, 331-335.	3.4	2
26	Neuroretinal Biomarkers for Schizophrenia Spectrum Disorders. Translational Vision Science and Technology, 2021, 10, 29.	2.2	8
27	White matter brain aging in relationship to schizophrenia and its cognitive deficit. Schizophrenia Research, 2021, 230, 9-16.	2.0	20
28	Combined Oxytocin and Cognitive Behavioral Social Skills Training for Social Function in People With Schizophrenia. Journal of Clinical Psychopharmacology, 2021, 41, 236-243.	1.4	13
29	Can language use in social media help in the treatment of severe mental illness?. , 2021, 1, 1-4.		1
30	Neural network enhanced 3D turbo spin echo for MR intracranial vessel wall imaging. Magnetic Resonance Imaging, 2021, 78, 7-17.	1.8	5
31	Metabolite Alterations in Adults With Schizophrenia, First Degree Relatives, and Healthy Controls: A Multi-Region 7T MRS Study. Frontiers in Psychiatry, 2021, 12, 656459.	2.6	19
32	Bayes estimate of primary threshold in clusterwise functional magnetic resonance imaging inferences. Statistics in Medicine, 2021, 40, 5673-5689.	1.6	3
33	Relations Among Anhedonia, Reinforcement Learning, and Global Functioning in Help-seeking Youth. Schizophrenia Bulletin, 2021, 47, 1534-1543.	4.3	4
34	Biomarker Categorization in Transcriptomic Meta-Analysis by Concordant Patterns With Application to Pan-Cancer Studies. Frontiers in Genetics, 2021, 12, 651546.	2.3	5
35	White matter in prolonged glucocorticoid response to psychological stress in schizophrenia. Neuropsychopharmacology, 2021, 46, 2312-2319.	5.4	6
36	Association of acute psychosocial stress with oxidative stress: Evidence from serum analysis. Redox Biology, 2021, 47, 102138.	9.0	14

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37	Stressful life events and openness to experience: Relevance to depression. Journal of Affective Disorders, 2021, 295, 711-716.	4.1	22
38	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. Frontiers in Neuroscience, 2021, 15, 738037.	2.8	6
39	Comparing empirical kinship derived heritability for imaging genetics traits in the UK biobank and human connectome project. NeuroImage, 2021, 245, 118700.	4.2	2
40	Separating Clinical and Subclinical Depression by Big Data Informed Structural Vulnerability Index and Its impact on Cognition: ENIGMA Dot Product. , 2021, , .		0
41	A new Mendelian Randomization method to estimate causal effects of multivariable brain imaging exposures. , 2021, , .		0
42	Bayesian modeling of dependence in brain connectivity data. Biostatistics, 2020, 21, 269-286.	1.5	12
43	People with schizophrenia show enhanced cognitive costs of maintaining a single item in working memory. Psychological Medicine, 2020, 50, 867-873.	4.5	2
44	Detecting and testing altered brain connectivity networks with k-partite network topology. Computational Statistics and Data Analysis, 2020, 141, 109-122.	1.2	11
45	Angiographic contrast mechanism comparison between Simultaneous Non-contrast Angiography and intraPlaque hemorrhage (SNAP) sequence and Time of Flight (TOF) sequence for intracranial artery. Magnetic Resonance Imaging, 2020, 66, 199-207.	1.8	9
46	Comparison of Novel Immunoassay With Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS) for Therapeutic Drug Monitoring of Clozapine. Therapeutic Drug Monitoring, 2020, 42, 771-777.	2.0	11
47	Blinded Clinical Ratings of Social Media Data are Correlated with In-Person Clinical Ratings in Participants Diagnosed with Either Depression, Schizophrenia, or Healthy Controls. Psychiatry Research, 2020, 294, 113496.	3.3	6
48	A novel cortical biomarker signature for predicting pain sensitivity: protocol for the PREDICT longitudinal analytical validation study. Pain Reports, 2020, 5, e833.	2.7	6
49	Characterizing the Complexity of Weighted Networks via Graph Embedding and Point Pattern Analysis. Entropy, 2020, 22, 925.	2.2	7
50	VEGF-C protects the integrity of the bone marrow perivascular niche in mice. Blood, 2020, 136, 1871-1883.	1.4	38
51	L-Tetrahydropalmatine, a Novel Dopamine Antagonist, Fails to Improve Psychiatric Symptoms as Adjunctive Treatment for Schizophrenia. Schizophrenia Bulletin Open, 2020, 1, .	1.7	0
52	Deep learningâ€"based MR fingerprinting ASL ReconStruction (DeepMARS). Magnetic Resonance in Medicine, 2020, 84, 1024-1034.	3.0	21
53	Validation of oxidative stress assay for schizophrenia. Schizophrenia Research, 2019, 212, 126-133.	2.0	15
54	White Matter in Schizophrenia Treatment Resistance. American Journal of Psychiatry, 2019, 176, 829-838.	7.2	44

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55	Functional network connectivity impairments and core cognitive deficits in schizophrenia. Human Brain Mapping, 2019, 40, 4593-4605.	3.6	45
56	Cerebral cortical networking for mental workload assessment under various demands during dual-task walking. Experimental Brain Research, 2019, 237, 2279-2295.	1.5	20
57	Clinical and genetic validity of quantitative bipolarity. Translational Psychiatry, 2019, 9, 228.	4.8	4
58	Redox Is a Global Biodevice Information Processing Modality. Proceedings of the IEEE, 2019, 107, 1402-1424.	21.3	37
59	Plaque components segmentation in carotid artery on simultaneous non-contrast angiography and intraplaque hemorrhage imaging using machine learning. Magnetic Resonance Imaging, 2019, 60, 93-100.	1.8	18
60	Brain insulin resistance and altered brain glucose are related to memory impairments in schizophrenia. Schizophrenia Research, 2019, 208, 324-330.	2.0	36
61	Cardiovascular risks impact human brain *N*-acetylaspartate in regionally specific patterns. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25243-25249.	7.1	6
62	Latent class analysis of a syndemic of risk factors on HIV testing among black men. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2019, 31, 216-223.	1.2	17
63	Maternal immune activation in rats blunts brain cytokine and kynurenine pathway responses to a second immune challenge in early adulthood. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 286-294.	4.8	40
64	Comparing the reproducibility of commonly used magnetic resonance spectroscopy techniques to quantify cerebral glutathione. Journal of Magnetic Resonance Imaging, 2019, 49, 176-183.	3.4	30
65	Effects of intranasal oxytocin on satiety signaling in people with schizophrenia. Physiology and Behavior, 2018, 189, 86-91.	2.1	7
66	Selective Attention, Working Memory, and Executive Function as Potential Independent Sources of Cognitive Dysfunction in Schizophrenia. Schizophrenia Bulletin, 2018, 44, 1227-1234.	4.3	63
67	Sex Differences in Hippocampal Memory and Kynurenic Acid Formation Following Acute Sleep Deprivation in Rats. Scientific Reports, 2018, 8, 6963.	3.3	33
68	Signal processing approach to probe chemical space for discriminating redox signatures. Biosensors and Bioelectronics, 2018, 112, 127-135.	10.1	17
69	Evidence for differential opioid use disorder in schizophrenia in an addiction treatment population. Schizophrenia Research, 2018, 194, 26-31.	2.0	18
70	Carotid Intraplaque Hemorrhage Imaging with Quantitative Vessel Wall T1 Mapping: Technical Development and Initial Experience. Radiology, 2018, 287, 276-284.	7.3	34
71	Fast simultaneous noncontrast angiography and intraplaque hemorrhage (fSNAP) sequence for carotid artery imaging. Magnetic Resonance in Medicine, 2017, 77, 753-758.	3.0	12
72	Refractory Longitudinally Extensive Transverse Myelitis Responsive to Cyclophosphamide. Canadian Journal of Neurological Sciences, 2017, 44, 736-739.	0.5	4

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73	Association of White Matter With Core Cognitive Deficits in Patients With Schizophrenia. JAMA Psychiatry, 2017, 74, 958.	11.0	116
74	Blood flow and perfusion lateralization in border zone infarct using 4D flow and arterial spin labeling. Neuroradiology, 0, , .	2.2	0
75	Modeling multivariate age€related imaging variables with dependencies. Statistics in Medicine, 0, , .	1.6	0