

Vincent P Clark

List of Publications by Year in descending order

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107
papers

12,483
citations

38742

50
h-index

29157

104
g-index

113
all docs

113
docs citations

113
times ranked

14316
citing authors

#	ARTICLE	IF	CITATIONS
1	A Baseline for the Multivariate Comparison of Resting-State Networks. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 2.	2.5	1,159
2	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
3	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
4	The Effect of Face Inversion on Activity in Human Neural Systems for Face and Object Perception. <i>Neuron</i> , 1999, 22, 189-199.	8.1	574
5	Spatial Selective Attention Affects Early Extrastriate But Not Striate Components of the Visual Evoked Potential. <i>Journal of Cognitive Neuroscience</i> , 1996, 8, 387-402.	2.3	512
6	Cerebral organization for language in deaf and hearing subjects: Biological constraints and effects of experience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 922-929.	7.1	492
7	Identification of early visual evoked potential generators by retinotopic and topographic analyses. <i>Human Brain Mapping</i> , 1994, 2, 170-187.	3.6	469
8	Effects of spatial cuing on luminance detectability: Psychophysical and electrophysiological evidence for early selection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1994, 20, 887-904.	0.9	454
9	Battery powered thought: Enhancement of attention, learning, and memory in healthy adults using transcranial direct current stimulation. <i>NeuroImage</i> , 2014, 85, 895-908.	4.2	378
10	Sources of attention-sensitive visual event-related potentials. <i>Brain Topography</i> , 1994, 7, 41-51.	1.8	318
11	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	7.1	299
12	Responses to Rare Visual Target and Distractor Stimuli Using Event-Related fMRI. <i>Journal of Neurophysiology</i> , 2000, 83, 3133-3139.	1.8	268
13	Transcranial direct current stimulation (tDCS) produces localized and specific alterations in neurochemistry: A 1H magnetic resonance spectroscopy study. <i>Neuroscience Letters</i> , 2011, 500, 67-71.	2.1	255
14	Sentence Reading: A Functional MRI Study at 4 Tesla. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 664-686.	2.3	236
15	Dissociation of Saccade-Related and Pursuit-Related Activation in Human Frontal Eye Fields as Revealed by fMRI. <i>Journal of Neurophysiology</i> , 1997, 77, 3386-3390.	1.8	231
16	Functional Magnetic Resonance Imaging of Human Visual Cortex during Face Matching: A Comparison with Positron Emission Tomography. <i>NeuroImage</i> , 1996, 4, 1-15.	4.2	221
17	Dysregulation of working memory and default-mode networks in schizophrenia using independent component analysis, an fBIRN and MCIC study. <i>Human Brain Mapping</i> , 2009, 30, 3795-3811.	3.6	216
18	TDCS guided using fMRI significantly accelerates learning to identify concealed objects. <i>NeuroImage</i> , 2012, 59, 117-128.	4.2	209

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19	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	6.1	198
20	The MCIC Collection: A Shared Repository of Multi-Modal, Multi-Site Brain Image Data from a Clinical Investigation of Schizophrenia. <i>Neuroinformatics</i> , 2013, 11, 367-388.	2.8	168
21	Three-way (N-way) fusion of brain imaging data based on mCCA+jICA and its application to discriminating schizophrenia. <i>NeuroImage</i> , 2013, 66, 119-132.	4.2	154
22	Mechanisms and Effects of Transcranial Direct Current Stimulation. <i>Dose-Response</i> , 2017, 15, 155932581668546.	1.6	147
23	In vivo Myeloarchitectonic Analysis of Human Striate and Extrastriate Cortex Using Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 1992, 2, 417-424.	2.9	145
24	Rigor and reproducibility in research with transcranial electrical stimulation: An NIMH-sponsored workshop. <i>Brain Stimulation</i> , 2018, 11, 465-480.	1.6	144
25	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
26	Parametrically Dissociating Speech and Nonspeech Perception in the Brain Using fMRI. <i>Brain and Language</i> , 2001, 78, 364-396.	1.6	142
27	Neuroenhancement: Enhancing brain and mind in health and in disease. <i>NeuroImage</i> , 2014, 85, 889-894.	4.2	139
28	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. <i>Neuroinformatics</i> , 2017, 15, 343-364.	2.8	131
29	fMRI Study of Face Perception and Memory Using Random Stimulus Sequences. <i>Journal of Neurophysiology</i> , 1998, 79, 3257-3265.	1.8	128
30	Investigation of relationships between fMRI brain networks in the spectral domain using ICA and Granger causality reveals distinct differences between schizophrenia patients and healthy controls. <i>NeuroImage</i> , 2009, 46, 419-431.	4.2	122
31	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. <i>Schizophrenia Bulletin</i> , 2009, 35, 82-95.	4.3	117
32	Enhancement of object detection with transcranial direct current stimulation is associated with increased attention. <i>BMC Neuroscience</i> , 2012, 13, 108.	1.9	117
33	Global White Matter Abnormalities in Schizophrenia: A Multisite Diffusion Tensor Imaging Study. <i>Schizophrenia Bulletin</i> , 2011, 37, 222-232.	4.3	113
34	Closed-Loop Slow-Wave tACS Improves Sleep-Dependent Long-Term Memory Generalization by Modulating Endogenous Oscillations. <i>Journal of Neuroscience</i> , 2018, 38, 7314-7326.	3.6	109
35	Baseline effects of transcranial direct current stimulation on glutamatergic neurotransmission and large-scale network connectivity. <i>Brain Research</i> , 2015, 1594, 92-107.	2.2	108
36	Hemispheric specialization for English and ASL. <i>NeuroReport</i> , 1998, 9, 1537-1542.	1.2	91

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37	The neural networks underlying auditory sensory gating. <i>NeuroImage</i> , 2009, 44, 182-189.	4.2	90
38	A Review of Challenges in the Use of fMRI for Disease Classification / Characterization and A Projection Pursuit Application from A Multi-site fMRI Schizophrenia Study. <i>Brain Imaging and Behavior</i> , 2008, 2, 207-226.	2.1	89
39	A projection pursuit algorithm to classify individuals using fMRI data: Application to schizophrenia. <i>NeuroImage</i> , 2008, 39, 1774-1782.	4.2	87
40	MTHFR 677C → T genotype disrupts prefrontal function in schizophrenia through an interaction with COMT 158Val → Met. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17573-17578.	7.1	86
41	Electrical stimulation of cranial nerves in cognition and disease. <i>Brain Stimulation</i> , 2020, 13, 717-750.	1.6	82
42	Transcranial Direct Current Stimulation Augments Perceptual Sensitivity and 24-Hour Retention in a Complex Threat Detection Task. <i>PLoS ONE</i> , 2012, 7, e34993.	2.5	80
43	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
44	Monitoring the Visual World: Hemispheric Asymmetries and Subcortical Processes in Attention. <i>Journal of Cognitive Neuroscience</i> , 1994, 6, 267-275.	2.3	72
45	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
46	Selective attention to face identity and color studied with fMRI. , 1997, 5, 293-297.		70
47	The COMT Val108/158Met polymorphism and medial temporal lobe volumetry in patients with schizophrenia and healthy adults. <i>NeuroImage</i> , 2010, 53, 992-1000.	4.2	70
48	Altered Small-World Brain Networks in Schizophrenia Patients during Working Memory Performance. <i>PLoS ONE</i> , 2012, 7, e38195.	2.5	67
49	Increased Excitability Induced in the Primary Motor Cortex by Transcranial Ultrasound Stimulation. <i>Frontiers in Neurology</i> , 2018, 9, 1007.	2.4	65
50	Functional connectivity within and between intrinsic brain networks correlates with trait mind wandering. <i>Neuropsychologia</i> , 2017, 103, 140-153.	1.6	63
51	Altered functional MRI responses in Huntington's disease. <i>NeuroReport</i> , 2002, 13, 703-706.	1.2	56
52	Brain Potentials Measured During a Go/NoGo Task Predict Completion of Substance Abuse Treatment. <i>Biological Psychiatry</i> , 2014, 76, 75-83.	1.3	55
53	Enhanced working memory performance via transcranial direct current stimulation: The possibility of near and far transfer. <i>Neuropsychologia</i> , 2016, 93, 85-96.	1.6	53
54	Reduced fMRI activity predicts relapse in patients recovering from stimulant dependence. <i>Human Brain Mapping</i> , 2014, 35, 414-428.	3.6	52

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55	Discrete dynamic Bayesian network analysis of fMRI data. <i>Human Brain Mapping</i> , 2009, 30, 122-137.	3.6	51
56	Impact of tDCS on performance and learning of target detection: Interaction with stimulus characteristics and experimental design. <i>Neuropsychologia</i> , 2012, 50, 1594-1602.	1.6	51
57	Transcranial direct current stimulation's effect on novice versus experienced learning. <i>Experimental Brain Research</i> , 2011, 213, 9-14.	1.5	48
58	A method for accurate group difference detection by constraining the mixing coefficients in an ICA framework. <i>Human Brain Mapping</i> , 2009, 30, 2953-2970.	3.6	47
59	Identification of Imaging Biomarkers in Schizophrenia: A Coefficient-constrained Independent Component Analysis of the Mind Multi-site Schizophrenia Study. <i>Neuroinformatics</i> , 2010, 8, 213-229.	2.8	47
60	Antipsychotic dose and diminished neural modulation: A multi-site fMRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 473-482.	4.8	46
61	Unisensory processing and multisensory integration in schizophrenia: A high-density electrical mapping study. <i>Neuropsychologia</i> , 2011, 49, 3178-3187.	1.6	46
62	Does function follow form?: Methods to fuse structural and functional brain images show decreased linkage in schizophrenia. <i>NeuroImage</i> , 2010, 49, 2626-2637.	4.2	44
63	Tracking the neuroplastic changes associated with transcranial direct current stimulation: a push for multimodal imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 495.	2.0	44
64	Differentiation of speech and nonspeech processing within primary auditory cortex. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 575-581.	1.1	41
65	The role of the frontopolar cortex in manipulation of integrated information in working memory. <i>Neuroscience Letters</i> , 2015, 595, 25-29.	2.1	40
66	Mindfulness-Based Relapse Prevention and Transcranial Direct Current Stimulation to Reduce Heavy Drinking: A Double-Blind Sham-Controlled Randomized Trial. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1296-1307.	2.4	40
67	Low-dose estradiol alters brain activity. <i>Psychiatry Research - Neuroimaging</i> , 2005, 139, 199-217.	1.8	39
68	Paradigm-dependent modulation of event-related fMRI activity evoked by the oddball task. <i>Human Brain Mapping</i> , 2001, 14, 116-127.	3.6	38
69	Effective connectivity analysis of fMRI and MEG data collected under identical paradigms. <i>Computers in Biology and Medicine</i> , 2011, 41, 1156-1165.	7.0	36
70	Neuroinflammation, Neuroautoimmunity, and the Co-Morbidities of Complex Regional Pain Syndrome. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 452-469.	4.1	35
71	Dose-Dependent Effects of Closed-Loop tACS Delivered During Slow-Wave Oscillations on Memory Consolidation. <i>Frontiers in Neuroscience</i> , 2018, 12, 867.	2.8	35
72	Diminished auditory sensory gating during active auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2017, 188, 125-131.	2.0	34

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73	Cross-Tissue Exploration of Genetic and Epigenetic Effects on Brain Gray Matter in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 443-452.	4.3	29
74	Cigarette smoking and white matter microstructure in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 152-158.	1.8	27
75	High-order interactions observed in multi-task intrinsic networks are dominant indicators of aberrant brain function in schizophrenia. <i>NeuroImage</i> , 2014, 102, 35-48.	4.2	22
76	A Randomized Trial of Combined tDCS Over Right Inferior Frontal Cortex and Cognitive Bias Modification: Null Effects on Drinking and Alcohol Approach Bias. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1591-1599.	2.4	21
77	Mindfulness-based training with transcranial direct current stimulation modulates neuronal resource allocation in working memory: A randomized pilot study with a nonequivalent control group. <i>Heliyon</i> , 2018, 4, e00685.	3.2	20
78	Functional MRI Evaluation of Multiple Neural Networks Underlying Auditory Verbal Hallucinations in Schizophrenia Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2016, 7, 39.	2.6	19
79	The Benefits of Closed-Loop Transcranial Alternating Current Stimulation on Subjective Sleep Quality. <i>Brain Sciences</i> , 2018, 8, 204.	2.3	19
80	Orthogonal Polynomial Regression for the Detection of Response Variability in Event-Related fMRI. <i>NeuroImage</i> , 2002, 17, 344-363.	4.2	18
81	Decreases in the Late Positive Potential to Alcohol Images Among Alcohol Treatment Seekers Following Mindfulness-Based Relapse Prevention. <i>Alcohol and Alcoholism</i> , 2020, 55, 78-85.	1.6	16
82	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2022, 43, 244-254.	3.6	16
83	A history of randomized task designs in fMRI. <i>NeuroImage</i> , 2012, 62, 1190-1194.	4.2	15
84	Non-invasive brain stimulation in substance use disorders: implications for dissemination to clinical settings. <i>Current Opinion in Psychology</i> , 2019, 30, 6-10.	4.9	14
85	Transcranial Current Stimulation During Sleep Facilitates Insight into Temporal Rules, but does not Consolidate Memories of Individual Sequential Experiences. <i>Scientific Reports</i> , 2019, 9, 1516.	3.3	13
86	Transcranial direct current stimulation facilitates category learning. <i>Brain Stimulation</i> , 2020, 13, 393-400.	1.6	12
87	Cerebral Perfusion Effects of Cognitive Training and Transcranial Direct Current Stimulation in Mild-Moderate TBI. <i>Frontiers in Neurology</i> , 2020, 11, 545174.	2.4	12
88	Smoking status as a potential confound in the BOLD response of patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 104, 79-84.	2.0	10
89	Mental State Assessment and Validation Using Personalized Physiological Biometrics. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 221.	2.0	10
90	Revisiting Hemispheric Asymmetry in Mood Regulation: Implications for rTMS for Major Depressive Disorder. <i>Brain Sciences</i> , 2022, 12, 112.	2.3	10

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91	The ethical, moral, and pragmatic rationale for brain augmentation. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 130.	2.5	9
92	From Neo-Behaviorism to Neuroscience: Perspectives on the Origins and Future Contributions of Cognitive Load Research. , 2010, , 203-228.		8
93	Modulating affective experience and emotional intelligence with loving kindness meditation and transcranial direct current stimulation: A pilot study. <i>Social Neuroscience</i> , 2019, 14, 10-25.	1.3	8
94	Auditory orienting and inhibition of return in schizophrenia: A functional magnetic resonance imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 161-168.	4.8	7
95	One-Shot Tagging During Wake and Cueing During Sleep With Spatiotemporal Patterns of Transcranial Electrical Stimulation Can Boost Long-Term Metamemory of Individual Episodes in Humans. <i>Frontiers in Neuroscience</i> , 2019, 13, 1416.	2.8	6
96	Suppression of Movement Disorders by Jaw Realignment. <i>Pain Medicine</i> , 2012, 13, 731-732.	1.9	5
97	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	1.3	5
98	Is the testing effect ready to be put to work? Evidence from the laboratory to the classroom.. <i>Translational Issues in Psychological Science</i> , 2021, 7, 332-355.	1.0	5
99	Transcranial Direct Current Stimulation Provides No Additional Benefit to Improvements in Self-Reported Craving Following Mindfulness-Based Relapse Prevention. <i>Mindfulness</i> , 2022, 13, 92-103.	2.8	4
100	Imaging Biomarkers and the Role of Neuroinflammation in Neuropathic Pain. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 448-451.	4.1	3
101	Efficacy of Transcranial Direct Current Stimulation-Enhanced Mindfulness-Based Program for Chronic Pain: a Single-Blind Randomized Sham Controlled Pilot Study. <i>Mindfulness</i> , 2020, 11, 895-904.	2.8	3
102	Baseline Differences in Anxiety Affect Attention and tDCS-Mediated Learning. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 541369.	2.0	3
103	Neuropsychological analysis of auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2018, 192, 459-460.	2.0	2
104	Investigating the brain regions involved in tDCS-Enhanced category learning using finite element modeling. <i>NeuroImage Reports</i> , 2021, 1, 100048.	1.0	2
105	An Evolutionary Perspective on Attentional Processes. , 2014, , 207-215.		1
106	Brain connectivity alterations during sleep by closed-loop transcranial neurostimulation predict metamemory sensitivity. <i>Network Neuroscience</i> , 2021, 5, 1-23.	2.6	1
107	A prospective and retrospective analysis of smoking behavior changes in ever smokers with high risk for lung cancer from New Mexico and Pennsylvania. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2016, 7, 95-104.	0.4	1