

Chandan J Vaidya

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

6,600
citations

71102

41
h-index

79698

73
g-index

74
all docs

74
docs citations

74
times ranked

8273
citing authors

#	ARTICLE	IF	CITATIONS
1	Immature Frontal Lobe Contributions to Cognitive Control in Children. <i>Neuron</i> , 2002, 33, 301-311.	8.1	1,178
2	Brain Hyperconnectivity in Children with Autism and its Links to Social Deficits. <i>Cell Reports</i> , 2013, 5, 738-747.	6.4	439
3	Enhancing studies of the connectome in autism using the autism brain imaging data exchange II. <i>Scientific Data</i> , 2017, 4, 170010.	5.3	422
4	Age-related differences in multiple measures of white matter integrity: A diffusion tensor imaging study of healthy aging. <i>Human Brain Mapping</i> , 2010, 31, 378-390.	3.6	396
5	Functional Magnetic Resonance Imaging of Semantic Memory Processes in the Frontal Lobes. <i>Psychological Science</i> , 1996, 7, 278-283.	3.3	286
6	Altered Neural Substrates of Cognitive Control in Childhood ADHD: Evidence From Functional Magnetic Resonance Imaging. <i>American Journal of Psychiatry</i> , 2005, 162, 1605-1613.	7.2	233
7	Sensitivity of fNIRS to cognitive state and load. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 76.	2.0	194
8	Temporal Derivative Distribution Repair (TDDR): A motion correction method for fNIRS. <i>NeuroImage</i> , 2019, 184, 171-179.	4.2	182
9	Evidence for cortical encoding specificity in episodic memory: memory-induced re-activation of picture processing areas. <i>Neuropsychologia</i> , 2002, 40, 2136-2143.	1.6	156
10	The fMRI success rate of children and adolescents: Typical development, epilepsy, attention deficit/hyperactivity disorder, and autism spectrum disorders. <i>Human Brain Mapping</i> , 2009, 30, 3426-3435.	3.6	140
11	Default mode network segregation and social deficits in autism spectrum disorder: Evidence from non-medicated children. <i>NeuroImage: Clinical</i> , 2015, 9, 223-232.	2.7	140
12	A ten-year follow-up of a study of memory for the attack of September 11, 2001: Flashbulb memories and memories for flashbulb events.. <i>Journal of Experimental Psychology: General</i> , 2015, 144, 604-623.	2.1	133
13	Convergent behavioral and neuropsychological evidence for a distinction between identification and production forms of repetition priming.. <i>Journal of Experimental Psychology: General</i> , 1999, 128, 479-498.	2.1	115
14	Intact implicit learning of spatial context and temporal sequences in childhood autism spectrum disorder.. <i>Neuropsychology</i> , 2008, 22, 563-570.	1.3	113
15	Functional Connectivity of the Inferior Frontal Cortex Changes with Age in Children with Autism Spectrum Disorders: A fcMRI Study of Response Inhibition. <i>Cerebral Cortex</i> , 2009, 19, 1787-1794.	2.9	107
16	White matter integrity correlates of implicit sequence learning in healthy aging. <i>Neurobiology of Aging</i> , 2011, 32, 2317.e1-2317.e12.	3.1	102
17	Implicit Spatial Contextual Learning in Healthy Aging.. <i>Neuropsychology</i> , 2004, 18, 124-134.	1.3	95
18	Phenotypic Variability in Resting-State Functional Connectivity: Current Status. <i>Brain Connectivity</i> , 2013, 3, 99-120.	1.7	95

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19	Perceptual and conceptual memory processes in global amnesia.. <i>Neuropsychology</i> , 1995, 9, 580-591.	1.3	93
20	Evidence for multiple mechanisms of conceptual priming on implicit memory tests.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1997, 23, 1324-1343.	0.9	93
21	Regional differences in the developmental trajectory of lateralization of the language network. <i>Human Brain Mapping</i> , 2014, 35, 270-284.	3.6	90
22	Working memoryâ€related changes in functional connectivity persist beyond task disengagement. <i>Human Brain Mapping</i> , 2014, 35, 1004-1017.	3.6	89
23	Functional anatomy of listening and reading comprehension during development. <i>Brain and Language</i> , 2010, 114, 115-125.	1.6	85
24	Neurodevelopmental Abnormalities in ADHD. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 9, 49-66.	1.7	79
25	Atypical neural substrates of Embedded Figures Task performance in children with Autism Spectrum Disorder. <i>NeuroImage</i> , 2007, 38, 184-193.	4.2	77
26	Cognitive neuroscience of Attention Deficit Hyperactivity Disorder: Current status and working hypotheses. <i>Developmental Disabilities Research Reviews</i> , 2008, 14, 261-267.	2.9	76
27	Two Forms of Implicit Learning in Childhood ADHD. <i>Developmental Neuropsychology</i> , 2010, 35, 494-505.	1.4	72
28	Dataâ€driven identification of subtypes of executive function across typical development, attention deficit hyperactivity disorder, and autism spectrum disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 51-61.	5.2	71
29	Functional imaging of developmental and adaptive changes in neurocognition. <i>NeuroImage</i> , 2006, 30, 679-691.	4.2	70
30	Using spatial multiple regression to identify intrinsic connectivity networks involved in working memory performance. <i>Human Brain Mapping</i> , 2012, 33, 1536-1552.	3.6	62
31	Controlling attention to gaze and arrows in childhood: an fMRI study of typical development and Autism Spectrum Disorders. <i>Developmental Science</i> , 2011, 14, 911-924.	2.4	57
32	Resting-State Striato-Frontal Functional Connectivity is Sensitive to DAT1 Genotype and Predicts Executive Function. <i>Cerebral Cortex</i> , 2015, 25, 336-345.	2.9	54
33	Strength of default mode restingâ€state connectivity relates to white matter integrity in children. <i>Developmental Science</i> , 2011, 14, 738-751.	2.4	53
34	The Effects of Aging on the Neural Basis of Implicit Associative Learning in a Probabilistic Triplets Learning Task. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 451-463.	2.3	50
35	Atypical modulation of distant functional connectivity by cognitive state in children with Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 482.	2.0	48
36	Executive and Reward-Related Function in Pediatric Obesity: A Meta-Analysis. <i>Childhood Obesity</i> , 2018, 14, 265-279.	1.5	47

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37	Developmental differences in implicit learning of spatial context.. <i>Neuropsychology</i> , 2007, 21, 497-506.	1.3	46
38	Implicit memory for pictures in amnesia: Role of etiology and priming task.. <i>Neuropsychology</i> , 1996, 10, 517-528.	1.3	45
39	Font-specific priming following global amnesia and occipital lobe damage.. <i>Neuropsychology</i> , 1998, 12, 183-192.	1.3	45
40	Neural response to working memory load varies by dopamine transporter genotype in children. <i>NeuroImage</i> , 2010, 53, 970-977.	4.2	45
41	Neural Correlates of Setâ€Śhifting in Children With Autism. <i>Autism Research</i> , 2015, 8, 386-397.	3.8	45
42	Effect of Dopamine Transporter Genotype on Intrinsic Functional Connectivity Depends on Cognitive State. <i>Cerebral Cortex</i> , 2012, 22, 2182-2196.	2.9	42
43	Word-Identification Priming for Ignored and Attended Words. <i>Consciousness and Cognition</i> , 1998, 7, 238-258.	1.5	35
44	Precision Inhibitory Stimulation of Individual-Specific Cortical Hubs Disrupts Information Processing in Humans. <i>Cerebral Cortex</i> , 2019, 29, 3912-3921.	2.9	35
45	Picture superiority in conceptual memory: Dissociative effects of encoding and retrieval tasks. <i>Memory and Cognition</i> , 2000, 28, 1165-1172.	1.6	34
46	Dopamine transporter genotype predicts implicit sequence learning. <i>Behavioural Brain Research</i> , 2011, 216, 452-457.	2.2	34
47	Caudate Resting Connectivity Predicts Implicit Probabilistic Sequence Learning. <i>Brain Connectivity</i> , 2013, 3, 601-610.	1.7	33
48	A Dissociation between Perceptual Explicit and Implicit Memory Processes. <i>Brain and Cognition</i> , 1997, 35, 42-57.	1.8	32
49	Atypical Functional Connectivity of the Amygdala in Childhood Autism Spectrum Disorders during Spontaneous Attention to Eye-Gaze. <i>Autism Research & Treatment</i> , 2012, 2012, 1-12.	0.5	30
50	Effect of dopamine transporter genotype on caudate volume in childhood ADHD and controls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 28-35.	1.7	28
51	Effect of Adolescent Bariatric Surgery on the Brain and Cognition: A Pilot Study. <i>Obesity</i> , 2017, 25, 1852-1860.	3.0	28
52	Object decision priming in Alzheimer's disease. <i>Journal of the International Neuropsychological Society</i> , 1998, 4, 435-46.	1.8	26
53	ADHD and Developmental Dyslexia. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 316-327.	3.8	25
54	Executive Dysfunction in Autism Spectrum Disorder Is Associated With a Failure to Modulate Frontoparietal-insular Hub Architecture. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 537-545.	1.5	25

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55	Impaired priming on the general knowledge task in amnesia.. <i>Neuropsychology</i> , 1996, 10, 529-537.	1.3	19
56	Modulation of attentional blink with emotional faces in typical development and in autism spectrum disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2013, 54, 636-643.	5.2	16
57	Developmental Differences in Cognitive Control of Socio-Affective Processing. <i>Developmental Neuropsychology</i> , 2007, 32, 787-807.	1.4	15
58	Attention to gaze and emotion in schizophrenia.. <i>Neuropsychology</i> , 2010, 24, 711-720.	1.3	14
59	Reduced language connectivity in pediatric epilepsy. <i>Epilepsia</i> , 2015, 56, 273-282.	5.1	13
60	Interactive effect of 5-HTTLPR and BDNF polymorphisms on amygdala intrinsic functional connectivity and anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2019, 285, 1-8.	1.8	12
61	Altered neural correlates of episodic memory in adolescents with severe obesity. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100727.	4.0	11
62	Neural Basis of Visual Attentional Orienting in Childhood Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 58-67.	2.7	10
63	Executive Functioning in Adults with Down Syndrome: Machine-Learning-Based Prediction of Inhibitory Capacity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10785.	2.6	10
64	Sleep Health and Psychopathology Mediate Executive Deficits in Pediatric Obesity. <i>Childhood Obesity</i> , 2018, 14, 189-196.	1.5	7
65	Functional connectivity hemispheric contrast (FC-HC): A new metric for language mapping. <i>NeuroImage: Clinical</i> , 2021, 30, 102598.	2.7	7
66	Functional Connectivity as a Potential Mechanism for Language Plasticity. <i>Neurology</i> , 2022, 98, .	1.1	7
67	Neural basis of implicit memory for socio-emotional information in schizophrenia. <i>Psychiatry Research</i> , 2013, 206, 173-180.	3.3	6
68	Task-related functional connectivity of the caudate mediates the association between trait mindfulness and implicit learning in older adults. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 736-753.	2.0	6
69	Application of pharmacological fMRI to developmental psychiatric disorders. <i>Developmental Science</i> , 2002, 5, 310-317.	2.4	5
70	Effects of severe obesity and sleeve gastrectomy on cortical thickness in adolescents. <i>Obesity</i> , 2021, 29, 1516-1525.	3.0	5
71	<i>PAC1R</i> Genotype to Phenotype Correlations in Autism Spectrum Disorder. <i>Autism Research</i> , 2019, 12, 200-211.	3.8	4
72	Neural correlates of schema-dependent episodic memory and association with behavioral flexibility in autism spectrum disorders and typical development. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 35.	3.1	4

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73	Comorbidity of Attention-Deficit Hyperactivity Disorder and Autism Spectrum Disorders: Current Status and Promising Directions. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 159-177.	1.7	3