

# Thomas A Zeffiro

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

9,460  
citations

43973

48  
h-index

39575

94  
g-index

98  
all docs

98  
docs citations

98  
times ranked

9748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-compassion and dorsolateral prefrontal cortex activity during sad self-face recognition in depressed adolescents. <i>Psychological Medicine</i> , 2022, 52, 864-873.	2.7	20
2	Differential Effects of AIDS and Chronic Human Immunodeficiency Virus Infection on Gray Matter Volume. <i>Clinical Infectious Diseases</i> , 2021, 73, e2303-e2310.	2.9	4
3	Interfering with fear memories by eye movement desensitization and reprocessing. <i>International Journal of Psychophysiology</i> , 2021, 166, 9-18.	0.5	1
4	Meta-analysis of brain metabolite differences in HIV infection. <i>NeuroImage: Clinical</i> , 2020, 28, 102436.	1.4	14
5	Autologous Mesenchymal Stem Cells Improve Motor Recovery in Subacute Ischemic Stroke: a Randomized Clinical Trial. <i>Translational Stroke Research</i> , 2020, 11, 910-923.	2.3	94
6	Hunger and BMI modulate neural responses to sweet stimuli: fMRI meta-analysis. <i>International Journal of Obesity</i> , 2020, 44, 1636-1652.	1.6	26
7	Spatial Network Connectivity and Spatial Reasoning Ability in Children with Nonverbal Learning Disability. <i>Scientific Reports</i> , 2020, 10, 561.	1.6	11
8	Is treated HIV infection still toxic to the brain?. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 165, 259-284.	0.9	7
9	Neurofeedback and neuroplasticity of visual self-processing in depressed and healthy adolescents: A preliminary study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100707.	1.9	22
10	Why is Clinical fMRI in a Resting State?. <i>Frontiers in Neurology</i> , 2019, 10, 420.	1.1	42
11	HIV infection and age effects on striatal structure are additive. <i>Journal of NeuroVirology</i> , 2019, 25, 480-495.	1.0	12
12	Psychiatric Symptom Profiles Predict Functional Impairment. <i>Frontiers in Psychiatry</i> , 2019, 10, 37.	1.3	16
13	Gender Trends in Academic Radiology Publication in the United States Revisited. <i>Academic Radiology</i> , 2018, 25, 1062-1069.	1.3	18
14	Brain Structural Changes following HIV Infection: Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 54-62.	1.2	44
15	Locus Coeruleus Activity Mediates Hyperresponsiveness in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 254-262.	0.7	119
16	Parietal operculum and motor cortex activities predict motor recovery in moderate to severe stroke. <i>NeuroImage: Clinical</i> , 2017, 14, 518-529.	1.4	23
17	Efficacy of Double-Blind Peer Review in an Imaging Subspecialty Journal. <i>American Journal of Neuroradiology</i> , 2017, 38, 230-235.	1.2	23
18	Reliability of White Matter Microstructural Changes in HIV Infection: Meta-Analysis and Confirmation. <i>American Journal of Neuroradiology</i> , 2017, 38, 1510-1519.	1.2	30

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19	An adaptive randomized trial of dialectical behavior therapy and cognitive behavior therapy for binge-eating. <i>Psychological Medicine</i> , 2017, 47, 703-717.	2.7	51
20	Visual and Motor Recovery After "Cognitive Therapeutic Exercises" in Cortical Blindness: A Case Study. <i>Journal of Neurologic Physical Therapy</i> , 2017, 41, 164-172.	0.7	12
21	Age-Related Decline of Wrist Position Sense and its Relationship to Specific Physical Training. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 570.	1.0	14
22	Effects of Posture and Stimulus Spectral Composition on Peripheral Physiological Responses to Loud Sounds. <i>PLoS ONE</i> , 2016, 11, e0161237.	1.1	2
23	Family-based therapy for young adults with Anorexia Nervosa restores weight. <i>International Journal of Eating Disorders</i> , 2016, 49, 701-707.	2.1	35
24	Brain response to viewing others being harmed in children with conduct disorder symptoms. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 510-519.	3.1	58
25	Flipping Radiology Education Right Side Up. <i>Academic Radiology</i> , 2016, 23, 810-822.	1.3	95
26	Autistic fluid intelligence: Increased reliance on visual functional connectivity with diminished modulation of coupling by task difficulty. <i>NeuroImage: Clinical</i> , 2015, 9, 467-478.	1.4	29
27	Postural sway and regional cerebellar volume in adults with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2015, 8, 422-428.	1.4	33
28	Comparing Motor Skills in Autism Spectrum Individuals With and Without Speech Delay. <i>Autism Research</i> , 2015, 8, 682-693.	2.1	42
29	Association of regional gray matter volumes in the brain with disruptive behavior disorders in male and female children. <i>NeuroImage: Clinical</i> , 2015, 7, 252-257.	1.4	32
30	Adapting dialectical behavior therapy for outpatient adult anorexia nervosa "A pilot study. <i>International Journal of Eating Disorders</i> , 2015, 48, 123-132.	2.1	55
31	Meditation leads to reduced default mode network activity beyond an active task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 712-720.	1.0	165
32	Speech acquisition predicts regions of enhanced cortical response to auditory stimulation in autism spectrum individuals. <i>Journal of Psychiatric Research</i> , 2015, 68, 285-292.	1.5	24
33	A greater involvement of posterior brain areas in interhemispheric transfer in autism: fMRI, DWI and behavioral evidences. <i>NeuroImage: Clinical</i> , 2015, 8, 267-280.	1.4	21
34	Upper Limb Recovery After Stroke Is Associated With Ipsilesional Primary Motor Cortical Activity. <i>Stroke</i> , 2014, 45, 1077-1083.	1.0	109
35	Prefrontal GABA and glutathione imbalance in posttraumatic stress disorder: Preliminary findings. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 288-295.	0.9	71
36	Cortical and cerebellar modulation of autonomic responses to loud sounds. <i>Psychophysiology</i> , 2014, 51, 60-69.	1.2	18

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37	Affective decision making under uncertainty during a plausible aviation task: An fMRI study. <i>NeuroImage</i> , 2013, 71, 19-29.	2.1	48
38	Atypical visual processing in posttraumatic stress disorder. <i>NeuroImage: Clinical</i> , 2013, 3, 531-538.	1.4	49
39	The level and nature of autistic intelligence III: Inspection time.. <i>Journal of Abnormal Psychology</i> , 2013, 122, 295-301.	2.0	60
40	Enhanced visual functioning in autism: An ALE meta-analysis. <i>Human Brain Mapping</i> , 2012, 33, 1553-1581.	1.9	244
41	Physiological noise reduction using volumetric functional magnetic resonance inverse imaging. <i>Human Brain Mapping</i> , 2012, 33, 2815-2830.	1.9	26
42	Unconditioned responses and functional fear networks in human classical conditioning. <i>Behavioural Brain Research</i> , 2011, 221, 237-245.	1.2	85
43	Altered Processing of Contextual Information during Fear Extinction in PTSD: An fMRI Study. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 227-236.	1.9	232
44	Atypical processing of auditory temporal complexity in autistics. <i>Neuropsychologia</i> , 2011, 49, 546-555.	0.7	60
45	Enhanced mental image mapping in autism. <i>Neuropsychologia</i> , 2011, 49, 848-857.	0.7	67
46	An fMRI study of unconditioned responses in post-traumatic stress disorder. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2011, 1, 8.	4.7	74
47	Neural Substrates of Impaired Sensorimotor Timing in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 359-367.	0.7	91
48	Stimulus Complexity and Categorical Effects in Human Auditory Cortex: An Activation Likelihood Estimation Meta-Analysis. <i>Frontiers in Psychology</i> , 2010, 1, 241.	1.1	57
49	Near-Infrared Neuroimaging with NinPy. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 12.	1.3	18
50	Functional and effective connectivity of visuomotor control systems demonstrated using generalized partial least squares and structural equation modeling. <i>Human Brain Mapping</i> , 2009, 30, 2232-2251.	1.9	11
51	Enhanced visual processing contributes to matrix reasoning in autism. <i>Human Brain Mapping</i> , 2009, 30, 4082-4107.	1.9	144
52	Offering to Share: How to Put Heads Together in Autism Neuroimaging. <i>Journal of Autism and Developmental Disorders</i> , 2008, 38, 2-13.	1.7	27
53	Event-related single-shot volumetric functional magnetic resonance inverse imaging of visual processing. <i>NeuroImage</i> , 2008, 42, 230-247.	2.1	45
54	Linear constraint minimum variance beamformer functional magnetic resonance inverse imaging. <i>NeuroImage</i> , 2008, 43, 297-311.	2.1	35

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55	Categorization Training Results in Shape- and Category-Selective Human Neural Plasticity. <i>Neuron</i> , 2007, 53, 891-903.	3.8	255
56	The influences of task difficulty and response correctness on neural systems supporting fluid reasoning. <i>Cognitive Neurodynamics</i> , 2007, 1, 71-84.	2.3	46
57	Evaluation of a Shape-Based Model of Human Face Discrimination Using fMRI and Behavioral Techniques. <i>Neuron</i> , 2006, 50, 159-172.	3.8	160
58	Intimate Partner Violence, PTSD, and Adverse Health Outcomes. <i>Journal of Interpersonal Violence</i> , 2006, 21, 955-968.	1.3	348
59	Functional Neuroimaging of Speech Production. , 2006, , 125-150.		1
60	Phonological decoding involves left posterior fusiform gyrus. <i>Human Brain Mapping</i> , 2005, 26, 81-93.	1.9	102
61	Neural Changes following Remediation in Adult Developmental Dyslexia. <i>Neuron</i> , 2004, 44, 411-422.	3.8	246
62	Attention to single letters activates left extrastriate cortex. <i>NeuroImage</i> , 2004, 21, 829-839.	2.1	139
63	Left hemisphere specialization for the control of voluntary movement rate. <i>NeuroImage</i> , 2004, 22, 289-303.	2.1	51
64	Development of neural mechanisms for reading. <i>Nature Neuroscience</i> , 2003, 6, 767-773.	7.1	595
65	Multivariate analysis of neuronal interactions in the generalized partial least squares framework: simulations and empirical studies. <i>NeuroImage</i> , 2003, 20, 625-642.	2.1	54
66	Meta-Analysis of the Functional Neuroanatomy of Single-Word Reading: Method and Validation. <i>NeuroImage</i> , 2002, 16, 765-780.	2.1	1,393
67	A novel meta-analysis technique applied to single word reading. <i>NeuroImage</i> , 2001, 13, 272.	2.1	1
68	The cerebellum and dyslexia: perpetrator or innocent bystander?. <i>Trends in Neurosciences</i> , 2001, 24, 512-513.	4.2	52
69	Effects of Levodopa on Laryngeal Muscle Activity for Voice Onset and Offset in Parkinson Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2001, 44, 1284-1299.	0.7	82
70	The neural basis of developmental dyslexia. <i>Annals of Dyslexia</i> , 2000, 50, 1-30.	1.2	33
71	What's the Matter? White Matter?. <i>Neuron</i> , 2000, 25, 257-259.	3.8	5
72	Functional magnetic resonance imaging. , 2000, , 45-58.		2

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73	Letters. Journal of Learning Disabilities, 1999, 32, 378-378.	1.5	4
74	Neural Systems Affected in Developmental Dyslexia Revealed by Functional Neuroimaging. Neuron, 1998, 21, 279-282.	3.8	140
75	Neural systems underlying learning and representation of global motion. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 12657-12662.	3.3	107
76	Regional cerebral blood flow during auditory responsive naming. NeuroReport, 1998, 9, 2409-2413.	0.6	83
77	Self-Paced Versus Metronome-Paced 7 Finger Movements. Journal of Neuroimaging, 1997, 7, 145-151.	1.0	67
78	The role of posterior parietal cortex in visually guided reaching movements in humans. Experimental Brain Research, 1997, 114, 170-183.	0.7	138
79	Intersubject Analysis of FMRI Data Using Spatial Normalization. Advances in Experimental Medicine and Biology, 1997, 413, 235-240.	0.8	4
80	Locating the Motor Cortex on the MRI with Transcranial Magnetic Stimulation and PET. NeuroImage, 1996, 3, 1-9.	2.1	179
81	Clinical Functional Image Analysis: Artifact Detection and Reduction. NeuroImage, 1996, 4, S95-S100.	2.1	16
82	The Visual Deficit Theory of Developmental Dyslexia. NeuroImage, 1996, 4, S108-S117.	2.1	89
83	Functional Mapping of Human Learning: A Positron Emission Tomography Activation Study of Eyeblink Conditioning. Journal of Neuroscience, 1996, 16, 4032-4040.	1.7	210
84	Functional mapping of human memory using PET: Comparisons of conceptual and perceptual tasks.. Canadian Journal of Experimental Psychology, 1996, 50, 42-56.	0.7	132
85	Effect of Valproate on Cerebral Metabolism and Blood Flow: An 18F-2-Deoxyglucose and 15O Water Positron Emission Tomography Study. Epilepsia, 1996, 37, 515-521.	2.6	110
86	Abnormal processing of visual motion in dyslexia revealed by functional brain imaging. Nature, 1996, 382, 66-69.	13.7	627
87	Regional cerebral blood flow changes in motor cortical areas after transient anesthesia of the forearm. Annals of Neurology, 1995, 37, 74-81.	2.8	67
88	Regional cerebral blood flow during object naming and word reading. Human Brain Mapping, 1995, 3, 93-106.	1.9	367
89	Regional cerebral blood flow during a self-paced sequential finger opposition task in patients with cerebellar degeneration. Brain, 1995, 118, 379-393.	3.7	133
90	Parametric Analysis of Functional Neuroimages: Application to a Variable-Rate Motor Task. NeuroImage, 1995, 2, 273-283.	2.1	50

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91	Implicit and Explicit Memory in Patients With Parkinson's Disease With and Without Dementia. Archives of Neurology, 1994, 51, 359-367.	4.9	56
92	Head surface digitization and registration: A method for mapping positions on the head onto magnetic resonance images. Brain Topography, 1994, 6, 185-192.	0.8	37
93	Functional mapping of the human visual cortex at 4 and 1.5 tesla using deoxygenation contrast EPI. Magnetic Resonance in Medicine, 1993, 29, 277-279.	1.9	437
94	Functional imaging of the brain by MRI. , 1993, , .		1
95	Cutaneous reflexes in Parkinson's disease. Muscle and Nerve, 1992, 15, 733-739.	1.0	46
96	The information transmitted at final position in visually triggered forearm movements. Biological Cybernetics, 1983, 46, 111-118.	0.6	26