Motoaki Sugiura

List of Publications by Year in descending order

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		87843	98753
129	5,227	38	67
papers	citations	h-index	g-index
131	131	131	5883
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	The Human Prefrontal and Parietal Association Cortices Are Involved in NO-GO Performances: An Event-Related fMRI Study. NeuroImage, 2002, 17, 1207-1216.	2.1	270
2	Activation of the Right Inferior Frontal Cortex During Assessment of Facial Emotion. Journal of Neurophysiology, 1999, 82, 1610-1614.	0.9	238
3	Neural substrates for recognition of familiar voices: a PET study. Neuropsychologia, 2001, 39, 1047-1054.	0.7	195
4	Cortical mechanisms of visual self-recognition. NeuroImage, 2005, 24, 143-149.	2.1	186
5	Voxel-based morphometry of human brain with age and cerebrovascular risk factors. Neurobiology of Aging, 2004, 25, 455-463.	1.5	171
6	Vocal identification of speaker and emotion activates differerent brain regions. NeuroReport, 1997, 8, 2809-2812.	0.6	162
7	A functional MRI study of simple arithmetic—a comparison between children and adults. Cognitive Brain Research, 2004, 18, 227-233.	3.3	157
8	Passive and Active Recognition of One's Own Face. NeuroImage, 2000, 11, 36-48.	2.1	156
9	Cortical Representations of Personally Familiar Objects and Places: Functional Organization of the Human Posterior Cingulate Cortex. Journal of Cognitive Neuroscience, 2005, 17, 183-198.	1.1	149
10	Functional Mapping of Human Brain in Olfactory Processing: A PET Study. Journal of Neurophysiology, 2000, 84, 1656-1666.	0.9	132
11	Correlation between Human Personality and Neural Activity in Cerebral Cortex. Neurolmage, 2000, 11, 541-546.	2.1	115
12	Multiple brain networks for visual self-recognition with different sensitivity for motion and body part. Neurolmage, 2006, 32, 1905-1917.	2.1	112
13	Human Cerebellum Plays an Important Role in Memory-Timed Finger Movement: An fMRI Study. Journal of Neurophysiology, 2000, 83, 1079-1087.	0.9	110
14	Comprehension of implicit meanings in social situations involving irony: A functional MRI study. NeuroImage, 2007, 37, 1417-1426.	2.1	109
15	PET Study of Pointing With Visual Feedback of Moving Hands. Journal of Neurophysiology, 1998, 79, 117-125.	0.9	108
16	The neural basis of agency: An fMRI study. NeuroImage, 2010, 50, 198-207.	2.1	102
17	A PET Study of Visuomotor Learning under Optical Rotation. Neurolmage, 2000, 11, 505-516.	2.1	99
18	Right frontopolar cortex activity correlates with reliability of retrospective rating of confidence in short-term recognition memory performance. Neuroscience Research, 2010, 68, 199-206.	1.0	87

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19	Neuroanatomical correlates of the assessment of facial attractiveness. NeuroReport, 1998, 9, 753-757.	0.6	84
20	Face-specific and domain-general characteristics of cortical responses during self-recognition. Neurolmage, 2008, 42, 414-422.	2.1	84
21	Hypoperfusion in the supplementary motor area, dorsolateral prefrontal cortex and insular cortex in Parkinson's disease. Journal of the Neurological Sciences, 2001, 193, 29-36.	0.3	76
22	Activity in the parietal area during visuomotor learning with optical rotation. NeuroReport, 1997, 8, 3979-3983.	0.6	72
23	Activation in the Ipsilateral Posterior Parietal Cortex during Tool Use: A PET Study. NeuroImage, 2001, 14, 1469-1475.	2.1	68
24	Cortical mechanisms of person representation: Recognition of famous and personally familiar names. NeuroImage, 2006, 31, 853-860.	2.1	68
25	Effect of syntactic similarity on cortical activation during second language processing: A comparison of English and Japanese among native Korean trilinguals. Human Brain Mapping, 2007, 28, 194-204.	1.9	65
26	Rhythm information represented in the fronto-parieto-cerebellar motor system. NeuroImage, 2012, 63, 328-338.	2.1	64
27	Context-dependent cortical activation in response to financial reward and penalty: an event-related fMRI study. NeuroImage, 2003, 19, 1674-1685.	2.1	61
28	Asymmetric control mechanisms of bimanual coordination: An application of directed connectivity analysis to kinematic and functional MRI data. Neurolmage, 2008, 42, 1295-1304.	2.1	55
29	Learning second language vocabulary: Neural dissociation of situation-based learning and text-based learning. Neurolmage, 2010, 50, 802-809.	2.1	55
30	Oculomotor sequence learning: a positron emission tomography study. Experimental Brain Research, 1998, 122, 1-8.	0.7	53
31	Tastiness but not healthfulness captures automatic visual attention: Preliminary evidence from an eye-tracking study. Food Quality and Preference, 2018, 64, 148-153.	2.3	52
32	Irony comprehension: Social conceptual knowledge and emotional response. Human Brain Mapping, 2014, 35, 1167-1178.	1.9	50
33	Cross-linguistic influence on brain activation during second language processing: An fMRI study. Bilingualism, 2007, 10, 175-187.	1.0	48
34	Dissociable Roles of the Anterior Temporal Regions in Successful Encoding of Memory for Person Identity Information. Journal of Cognitive Neuroscience, 2010, 22, 2226-2237.	1.1	43
35	Self-face evaluation and self-esteem in young females: An fMRI study using contrast effect. NeuroImage, 2012, 59, 3668-3676.	2.1	43
36	Tasting names: Systematic investigations of taste-speech sounds associations. Food Quality and Preference, 2020, 80, 103801.	2.3	42

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37	The human parietal cortex is involved in spatial processing of tongue movement—an fMRI study. Neurolmage, 2004, 21, 1289-1299.	2.1	41
38	Cortical mechanism of communicative speech production. NeuroImage, 2007, 37, 985-992.	2.1	41
39	Neural networks for action representation: a functional magnetic-resonance imaging and dynamic causal modeling study. Frontiers in Human Neuroscience, 2012, 6, 236.	1.0	41
40	Different time course between scene processing and face processing. NeuroReport, 1999, 10, 3633-3637.	0.6	40
41	Perspective-taking as part of narrative comprehension: A functional MRI study. Neuropsychologia, 2009, 47, 813-824.	0.7	40
42	Functional neuroimaging of normal aging: Declining brain, adapting brain. Ageing Research Reviews, 2016, 30, 61-72.	5.0	40
43	Light colors and comfortable warmth: Crossmodal correspondences between thermal sensations and color lightness influence consumer behavior. Food Quality and Preference, 2019, 72, 45-55.	2.3	40
44	Medial temporal lobe activation during context-dependent relational processes in episodic retrieval: An fMRI study. Human Brain Mapping, 2002, 17, 203-213.	1.9	37
45	The paradox of warmth: Ambient warm temperature decreases preference for savory foods. Food Quality and Preference, 2018, 69, 1-9.	2.3	37
46	Compensatory Effort Parallels Midbrain Deactivation during Mental Fatigue: An fMRI Study. PLoS ONE, 2013, 8, e56606.	1.1	36
47	Anatomical Segregation of Representations of Personally Familiar and Famous People in the Temporal and Parietal Cortices. Journal of Cognitive Neuroscience, 2009, 21, 1855-1868.	1.1	33
48	Associative Account of Self-Cognition: Extended Forward Model and Multi-Layer Structure. Frontiers in Human Neuroscience, 2013, 7, 535.	1.0	33
49	Analysis of intersubject variability in activation: An application to the incidental episodic retrieval during recognition test. Human Brain Mapping, 2007, 28, 49-58.	1.9	32
50	Selfâ€face recognition in social context. Human Brain Mapping, 2012, 33, 1364-1374.	1.9	32
51	A Combination of Self-Reported Data and Social-Related Neural Measures Forecasts Viral Marketing Success on Social Media. Journal of Interactive Marketing, 2020, 52, 99-117.	4.3	32
52	Effect of motion smoothness on brain activity while observing a dance: An fMRI study using a humanoid robot. Social Neuroscience, 2010, 5, 40-58.	0.7	31
53	Beyond the Memory Mechanism: Person-selective and Nonselective Processes in Recognition of Personally Familiar Faces. Journal of Cognitive Neuroscience, 2011, 23, 699-715.	1.1	31
54	Decoding what one likes or dislikes from single-trial fNIRS measurements. NeuroReport, 2011, 22, 269-273.	0.6	30

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55	Eight Personal Characteristics Associated with the Power to Live with Disasters as Indicated by Survivors of the 2011 Great East Japan Earthquake Disaster. PLoS ONE, 2015, 10, e0130349.	1.1	30
56	Neural correlates of second-language communication and the effect of language anxiety. Neuropsychologia, 2016, 84, e2-e12.	0.7	27
57	Anxiety increases visual attention to hedonic foods: A preliminary eye-tracking study on the impact of the interplay between integral and incidental affect on foods. Appetite, 2019, 137, 218-225.	1.8	26
58	Temporal and Motor Representation of Rhythm in Fronto-Parietal Cortical Areas: An fMRI Study. PLoS ONE, 2015, 10, e0130120.	1.1	26
59	Cortical activation during reading aloud of long sentences: fMRI study. NeuroReport, 2003, 14, 1563-1566.	0.6	25
60	Three faces of self-face recognition: Potential for a multi-dimensional diagnostic tool. Neuroscience Research, 2015, 90, 56-64.	1.0	25
61	Neural Correlates of the Difference between Working Memory Speed and Simple Sensorimotor Speed: An fMRI Study. PLoS ONE, 2012, 7, e30579.	1.1	24
62	Neural correlates of ambient thermal sensation: An fMRI study. Scientific Reports, 2017, 7, 11279.	1.6	23
63	Spatiotemporal Dynamics of High-Gamma Activities during a 3-Stimulus Visual Oddball Task. PLoS ONE, 2013, 8, e59969.	1.1	23
64	Psychological Processes and Personality Factors for an Appropriate Tsunami Evacuation. Geosciences (Switzerland), 2019, 9, 326.	1.0	22
65	White Matter Microstructural Changes as Vulnerability Factors and Acquired Signs of Post-Earthquake Distress. PLoS ONE, 2014, 9, e83967.	1.1	21
66	Supramarginal activity in interoceptive attention tasks. Neuroscience Letters, 2015, 589, 42-46.	1.0	21
67	Neural correlates of bilingual language control during interlingual homograph processing in a logogram writing system. Brain and Language, 2017, 174, 72-85.	0.8	20
68	A Sweet Voice: The Influence of Cross-Modal Correspondences Between Taste and Vocal Pitch on Advertising Effectiveness. Multisensory Research, 2019, 32, 401-427.	0.6	20
69	Influence of ANOVA Design and Anatomical Standardization on Statistical Mapping for PET Activation. Neurolmage, 1998, 8, 283-301.	2.1	19
70	Brain activation during the course of sentence comprehension. Brain and Language, 2006, 97, 154-161.	0.8	19
71	Are Plasma Oxytocin and Vasopressin Levels Reflective of Amygdala Activation during the Processing of Negative Emotions? A Preliminary Study. Frontiers in Psychology, 2016, 7, 480.	1.1	18
72	Disgust, Sadness, and Appraisal: Disgusted Consumers Dislike Food More Than Sad Ones. Frontiers in Psychology, 2018, 9, 76.	1.1	18

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73	Survival-oriented personality factors are associated with various types of social support in an emergency disaster situation. PLoS ONE, 2020, 15, e0228875.	1.1	17
74	Different roles of the frontal and parietal regions in memory-guided saccade: A PCA approach on time course of BOLD signal changes. Human Brain Mapping, 2004, 23, 129-139.	1.9	16
75	Extraction of situational meaning by integrating multiple meanings in a complex environment: A functional MRI study. Human Brain Mapping, 2009, 30, 2676-2688.	1.9	16
76	The neural bases underlying social risk perception in purchase decisions. Neurolmage, 2014, 91, 120-128.	2.1	16
77	A Concise Psychometric Tool to Measure Personal Characteristics for Surviving Natural Disasters: Development of a 16-Item Power to Live Questionnaire. Geosciences (Switzerland), 2019, 9, 366.	1.0	16
78	Different Distribution of the Activated Areas in the Dorsal Premotor Cortex during Visual and Auditory Reaction-Time Tasks. NeuroImage, 2001, 14, 1168-1174.	2.1	15
79	The representation of social interaction in episodic memory: A functional MRI study. NeuroImage, 2011, 57, 1234-1242.	2.1	15
80	Different neural systems for recognizing plants, animals, and artifacts. Brain Research Bulletin, 2001, 54, 313-317.	1.4	14
81	High-gamma activity in an attention network predicts individual differences in elderly adults' behavioral performance. Neurolmage, 2014, 100, 290-300.	2.1	14
82	Testing Second Language Oral Proficiency in Direct and Semidirect Settings: A Socialâ€Cognitive Neuroscience Perspective. Language Learning, 2011, 61, 675-699.	1.4	13
83	Neural mechanisms of language learning from social contexts. Brain and Language, 2021, 212, 104874.	0.8	13
84	From social-signal detection to higher social cognition: an fMRI approach. Social Cognitive and Affective Neuroscience, 2014, 9, 1303-1309.	1.5	12
85	Social Interaction Affects Neural Outcomes of Sign Language Learning As a Foreign Language in Adults. Frontiers in Human Neuroscience, 2017, 11, 115.	1.0	11
86	Cross-Modal Correspondences Between Temperature and Taste Attributes. Frontiers in Psychology, 2020, 11, 571852.	1.1	11
87	Self-help and mutual assistance in the aftermath of a tsunami: How individual factors contribute to resolving difficulties. PLoS ONE, 2021, 16, e0258325.	1.1	11
88	Neural bases of goal-directed implicit learning. NeuroImage, 2009, 48, 303-310.	2.1	10
89	Neural responses to action contingency error in different cortical areas are attributable to forward prediction or sensory processing. Scientific Reports, 2019, 9, 9847.	1.6	10
90	Taking another's perspective promotes right parieto-frontal activity that reflects open-minded thought. Social Neuroscience, 2020, 15, 282-295.	0.7	10

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91	Evaluation of energy density and macronutrients after extremely brief time exposure. Appetite, 2021, 162, 105143.	1.8	10
92	Neural correlates of processing situational relationships between a part and the whole: An fMRI study. NeuroImage, 2009, 48, 486-496.	2.1	9
93	Neural bases of human mate choice: Multiple value dimensions, sex difference, and self-assessment system. Social Neuroscience, 2012, 7, 59-73.	0.7	9
94	Spinal fMRI of Interoceptive Attention/Awareness in Experts and Novices. Neural Plasticity, 2014, 2014, 1-7.	1.0	9
95	Loneliness Modulates Automatic Attention to Warm and Competent Faces: Preliminary Evidence From an Eye-Tracking Study. Frontiers in Psychology, 2019, 10, 2967.	1.1	9
96	Two Major Elements of Life Recovery After a Disaster: Their Impacts Dependent on Housing Damage and the Contributions of Psycho-Behavioral Factors. Journal of Disaster Research, 2021, 16, 1107-1120.	0.4	9
97	Beneficial Effects of Learning with Game-Book on Education for Disaster Prevention in Children. Journal of Disaster Research, 2014, 9, 1079-1087.	0.4	9
98	Performance and Material-Dependent Holistic Representation of Unconscious Thought: A Functional Magnetic Resonance Imaging Study. Frontiers in Human Neuroscience, 2019, 13, 418.	1.0	8
99	Two components of body-image disturbance are differentially associated with distinct eating disorder characteristics in healthy young women. PLoS ONE, 2022, 17, e0262513.	1.1	8
100	Neural networks involved in learning lexical-semantic and syntactic information in a second language. Frontiers in Psychology, 2014, 5, 1209.	1.1	7
101	Developmental changes in brain activation involved in the production of novel speech sounds in children. Human Brain Mapping, 2014, 35, 4079-4089.	1.9	7
102	The neural basis of the imitation drive. Social Cognitive and Affective Neuroscience, 2016, 11, 66-77.	1.5	7
103	Round Faces Are Associated with Sweet Foods: The Role of Crossmodal Correspondence in Social Perception. Foods, 2019, 8, 103.	1.9	7
104	Assessing the Relationship Between Drive for Thinness and Taste–Shape Correspondences. Multisensory Research, 2020, 34, 69-92.	0.6	7
105	Target dependency of brain mechanism involved in dispositional inference: a PET study. NeuroImage, 2004, 21, 1377-1386.	2.1	6
106	Ongoing Activity in Temporally Coherent Networks Predicts Intra-Subject Fluctuation of Response Time to Sporadic Executive Control Demands. PLoS ONE, 2014, 9, e99166.	1.1	6
107	Adaptive ability to cope with atypical or novel situations involving tool use: An fMRI approach. Neuroscience Research, 2015, 90, 72-82.	1.0	6
108	Does incidental pride increase competency evaluation of others who appear careless? Discrete positive emotions and impression formation. PLoS ONE, 2019, 14, e0220883.	1.1	6

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109	Long-Term Effects of Postearthquake Distress on Brain Microstructural Changes. BioMed Research International, 2014, 2014, 1-7.	0.9	5
110	Neural bases of the adaptive mechanisms associated with reciprocal partner choice. NeuroImage, 2017, 145, 74-81.	2.1	5
111	The Neural Basis of Event Simulation: An fMRI Study. PLoS ONE, 2014, 9, e96534.	1.1	5
112	Neural correlates of adaptive social responses to real-life frustrating situations: a functional MRI study. BMC Neuroscience, 2013, 14, 29.	0.8	4
113	Fatigue and relating to others 3 months after the 2011 Great East Japan Earthquake. Psychiatry Research, 2014, 218, 324-328.	1.7	4
114	Brain activity predicts future learning success in intensive second language listening training. Brain and Language, 2021, 212, 104839.	0.8	4
115	Intentional binding and self-transcendence: Searching for pro-survival behavior in sense-of-agency. Consciousness and Cognition, 2022, 102, 103351.	0.8	4
116	Neural basis of sentence processing in which incoming words form a sentence. NeuroReport, 2009, 20, 531-535.	0.6	3
117	Neuronal substrates characterizing two stages in visual object recognition. Neuroscience Research, 2014, 89, 61-68.	1.0	3
118	Highâ€gamma power changes after cognitive intervention: preliminary results from twentyâ€one senior adult subjects. Brain and Behavior, 2016, 6, e00427.	1.0	3
119	Differential roles of amygdala and posterior superior temporal sulcus in social scene understanding. Social Neuroscience, 2020, 15, 516-529.	0.7	3
120	Neural correlates of Japanese honorific agreement processing mediated by socio-pragmatic factors: An fMRI study. Journal of Neurolinguistics, 2022, 62, 101041.	0.5	3
121	Brain Activation during Thoughts of One's Own Death and Its Linear and Curvilinear Correlations with Fear of Death in Elderly Individuals: An fMRI Study. Cerebral Cortex Communications, 2021, 2, tgab003.	0.7	2
122	Cortical Networks for Visual Self-Recognition. Plasma and Fusion Research, 2007, 2, S1005-S1005.	0.3	2
123	Relationship of Cognitive Style and Job Level: First Demonstration of Cultural Differences. Frontiers in Psychology, 2017, 8, 1279.	1.1	1
124	Neural Correlates Predicting Lane-Keeping and Hazard Detection: An fMRI Study Featuring a Pedestrian-Rich Simulator Environment. Frontiers in Human Neuroscience, 2022, 16, 754379.	1.0	1
125	An fMRI validation study of the word-monitoring task as a measure of implicit knowledge: Exploring the role of explicit and implicit aptitudes in behavioral and neural processing. Studies in Second Language Acquisition, 0, , 1-28.	1.8	1
126	Approach or avoidance: Neural correlates of intelligence evaluation from faces. European Journal of Neuroscience, 2018, 48, 1680-1690.	1.2	0

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127	Ventral–Dorsal Subregions in the Posterior Cingulate Cortex Represent Pay and Interest, Two Key Attributes of Job Value. Cerebral Cortex Communications, 2021, 2, tgab018.	0.7	O
128	Processing of Anomalous Sentences in Japanese: An fMRI Study. Journal of Cognitive Science, 2007, 8, 153-170.	0.2	0
129	Developments of Tools to Survive the Disasters – Civil Empowerment of "Zest for Living in Disaster― –. Journal of Disaster Research, 2016, 11, 443-453.	0.4	O