

Philippe Pinel

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

10,038
citations

218677

26
h-index

315739

38
g-index

42
all docs

42
docs citations

42
times ranked

6827
citing authors

#	ARTICLE	IF	CITATIONS
1	Subject-specific segregation of functional territories based on deep phenotyping. <i>Human Brain Mapping</i> , 2021, 42, 841-870.	3.6	11
2	The functional database of the ARCHI project: Potential and perspectives. <i>NeuroImage</i> , 2019, 197, 527-543.	4.2	6
3	A-me and BrainCloud: Art-Science Interrogations of Localization in Neuroscience. <i>Leonardo</i> , 2018, 51, 111-117.	0.3	3
4	Shared genetic aetiology between cognitive performance and brain activations in language and math tasks. <i>Scientific Reports</i> , 2018, 8, 17624.	3.3	16
5	Individual Brain Charting, a high-resolution fMRI dataset for cognitive mapping. <i>Scientific Data</i> , 2018, 5, 180105.	5.3	100
6	The Brainomics/Localizer database. <i>NeuroImage</i> , 2017, 144, 309-314.	4.2	10
7	Genetic and Environmental Influences on the Visual Word Form and Fusiform Face Areas. <i>Cerebral Cortex</i> , 2015, 25, 2478-2493.	2.9	54
8	Anatomical Connections of the Visual Word Form Area. <i>Journal of Neuroscience</i> , 2014, 34, 15402-15414.	3.6	181
9	Principal Component Regression Predicts Functional Responses across Individuals. <i>Lecture Notes in Computer Science</i> , 2014, 17, 741-748.	1.3	3
10	Genetic and environmental contributions to brain activation during calculation. <i>NeuroImage</i> , 2013, 81, 306-316.	4.2	35
11	Cohort-Level Brain Mapping: Learning Cognitive Atoms to Single Out Specialized Regions. <i>Lecture Notes in Computer Science</i> , 2013, 23, 438-449.	1.3	10
12	Genetic Variants of <i>FOXP2</i> and <i>KIAA0319/TTRAP/THEM2</i> Locus Are Associated with Altered Brain Activation in Distinct Language-Related Regions. <i>Journal of Neuroscience</i> , 2012, 32, 817-825.	3.6	179
13	Significant correlation between a set of genetic polymorphisms and a functional brain network revealed by feature selection and sparse Partial Least Squares. <i>NeuroImage</i> , 2012, 63, 11-24.	4.2	96
14	Improving Accuracy and Power with Transfer Learning Using a Meta-analytic Database. <i>Lecture Notes in Computer Science</i> , 2012, 15, 248-255.	1.3	6
15	Cortical Representations of Symbols, Objects, and Faces Are Pruned Back during Early Childhood. <i>Cerebral Cortex</i> , 2011, 21, 191-199.	2.9	258
16	Radiation damages in CMOS image sensors: testing and hardening challenges brought by deep sub-micrometer CIS processes. , 2010, , .		12
17	The enigma of Gerstmann's syndrome revisited: a telling tale of the vicissitudes of neuropsychology. <i>Brain</i> , 2010, 133, 320-332.	7.6	99
18	Beyond Hemispheric Dominance: Brain Regions Underlying the Joint Lateralization of Language and Arithmetic to the Left Hemisphere. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 48-66.	2.3	128

#	ARTICLE	IF	CITATIONS
19	The Neural Development of an Abstract Concept of Number. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2217-2229.	2.3	193
20	A disconnection account of Gerstmann syndrome: Functional neuroanatomy evidence. <i>Annals of Neurology</i> , 2009, 66, 654-662.	5.3	72
21	Numerical and Spatial Intuitions: A Role for Posterior Parietal Cortex?. , 2009, , 221-246.		17
22	Pure alexia as a disconnection syndrome: New diffusion imaging evidence for an old concept. <i>Cortex</i> , 2008, 44, 962-974.	2.4	271
23	Triangulating cortical functional networks with anatomical landmarks. , 2008, , .		0
24	Probabilistic Anatomico-Functional Parcellation of the Cortex: How Many Regions?. <i>Lecture Notes in Computer Science</i> , 2008, 11, 399-406.	1.3	8
25	Structural Analysis of fMRI Data Revisited: Improving the Sensitivity and Reliability of fMRI Group Studies. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1256-1269.	8.9	46
26	A Magnitude Code Common to Numerosities and Number Symbols in Human Intraparietal Cortex. <i>Neuron</i> , 2007, 53, 293-305.	8.1	782
27	Analysis of a large fMRI cohort: Statistical and methodological issues for group analyses. <i>NeuroImage</i> , 2007, 35, 105-120.	4.2	481
28	Fast reproducible identification and large-scale databasing of individual functional cognitive networks. <i>BMC Neuroscience</i> , 2007, 8, 91.	1.9	112
29	High Level Group Analysis of FMRI Data Based on Dirichlet Process Mixture Models. <i>Lecture Notes in Computer Science</i> , 2007, 20, 482-494.	1.3	13
30	Principles underlying the design of "The Number Race", an adaptive computer game for remediation of dyscalculia. <i>Behavioral and Brain Functions</i> , 2006, 2, 19.	3.3	148
31	Direct Intracranial, fMRI, and Lesion Evidence for the Causal Role of Left Inferotemporal Cortex in Reading. <i>Neuron</i> , 2006, 50, 191-204.	8.1	337
32	Dealing with the shortcomings of spatial normalization: Multi-subject parcellation of fMRI datasets. <i>Human Brain Mapping</i> , 2006, 27, 678-693.	3.6	166
33	Interactions between number and space in parietal cortex. <i>Nature Reviews Neuroscience</i> , 2005, 6, 435-448.	10.2	1,180
34	Finding Landmarks in the Functional Brain: Detection and Use for Group Characterization. <i>Lecture Notes in Computer Science</i> , 2005, 8, 476-483.	1.3	10
35	Tuning Curves for Approximate Numerosity in the Human Intraparietal Sulcus. <i>Neuron</i> , 2004, 44, 547-555.	8.1	1,032
36	Distributed and Overlapping Cerebral Representations of Number, Size, and Luminance during Comparative Judgments. <i>Neuron</i> , 2004, 41, 983-993.	8.1	666

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37	THREE PARIETAL CIRCUITS FOR NUMBER PROCESSING. <i>Cognitive Neuropsychology</i> , 2003, 20, 487-506.	1.1	2,143
38	Modulation of Parietal Activation by Semantic Distance in a Number Comparison Task. <i>NeuroImage</i> , 2001, 14, 1013-1026.	4.2	620
39	Understanding dissociations in dyscalculia. <i>Brain</i> , 2000, 123, 2240-2255.	7.6	348
40	Event-related fMRI analysis of the cerebral circuit for number comparison. <i>NeuroReport</i> , 1999, 10, 1473-1479.	1.2	180