# Philippe Pinel

## List of Publications by Year
## in descending order

| 40 | 10,038 | 218677 | 315739 |
|---|---|---|---|
| papers | citations | 26 | 38 |
|  |  | h-index | g-index |

| 42 | 42 | 42 | 6827 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 1 | THREE PARIETAL CIRCUITS FOR NUMBER PROCESSING. Cognitive Neuropsychology, 2003, 20, 487-506. | 1.1 | 2,143 |
| 2 | Interactions between number and space in parietal cortex. Nature Reviews Neuroscience, 2005, 6, 435-448. | 10.2 | 1,180 |
| 3 | Tuning Curves for Approximate Numerosity in the Human Intraparietal Sulcus. Neuron, 2004, 44, 547-555. | 8.1 | 1,032 |
| 4 | A Magnitude Code Common to Numerosities and Number Symbols in Human Intraparietal Cortex. Neuron, 2007, 53, 293-305. | 8.1 | 782 |
| 5 | Distributed and Overlapping Cerebral Representations of Number, Size, and Luminance during Comparative Judgments. Neuron, 2004, 41, 983-993. | 8.1 | 666 |
| 6 | Modulation of Parietal Activation by Semantic Distance in a Number Comparison Task. NeuroImage, 2001, 14, 1013-1026. | 4.2 | 620 |
| 7 | Analysis of a large fMRI cohort: Statistical and methodological issues for group analyses. NeuroImage, 2007, 35, 105-120. | 4.2 | 481 |
| 8 | Understanding dissociations in dyscalculia. Brain, 2000, 123, 2240-2255. | 7.6 | 348 |
| 9 | Direct Intracranial, fMRI, and Lesion Evidence for the Causal Role of Left Inferotemporal Cortex in Reading. Neuron, 2006, 50, 191-204. | 8.1 | 337 |
| 10 | Pure alexia as a disconnection syndrome: New diffusion imaging evidence for an old concept. Cortex, 2008, 44, 962-974. | 2.4 | 271 |
| 11 | Cortical Representations of Symbols, Objects, and Faces Are Pruned Back during Early Childhood. Cerebral Cortex, 2011, 21, 191-199. | 2.9 | 258 |
| 12 | The Neural Development of an Abstract Concept of Number. Journal of Cognitive Neuroscience, 2009, 21, 2217-2229. | 2.3 | 193 |
| 13 | Anatomical Connections of the Visual Word Form Area. Journal of Neuroscience, 2014, 34, 15402-15414. | 3.6 | 181 |
| 14 | Event-related fMRI analysis of the cerebral circuit for number comparison. NeuroReport, 1999, 10, 1473-1479. | 1.2 | 180 |
| 15 | Genetic Variants of <i>FOXP2</i> and <i>KIAA0319/TTRAP/THEM2</i> Locus Are Associated with Altered Brain Activation in Distinct Language-Related Regions. Journal of Neuroscience, 2012, 32, 817-825. | 3.6 | 179 |
| 16 | Dealing with the shortcomings of spatial normalization: Multi-subject parcellation of fMRI datasets. Human Brain Mapping, 2006, 27, 678-693. | 3.6 | 166 |
| 17 | Principles underlying the design of "The Number Race", an adaptive computer game for remediation of dyscalculia. Behavioral and Brain Functions, 2006, 2, 19. | 3.3 | 148 |
| 18 | Beyond Hemispheric Dominance: Brain Regions Underlying the Joint Lateralization of Language and Arithmetic to the Left Hemisphere. Journal of Cognitive Neuroscience, 2010, 22, 48-66. | 2.3 | 128 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Fast reproducible identification and large-scale databasing of individual functional cognitive networks. BMC Neuroscience, 2007, 8, 91. | 1.9 | 112 |
| 20 | Individual Brain Charting, a high-resolution fMRI dataset for cognitive mapping. Scientific Data, 2018, 5, 180105. | 5.3 | 100 |
| 21 | The enigma of Gerstmann's syndrome revisited: a telling tale of the vicissitudes of neuropsychology. Brain, 2010, 133, 320-332. | 7.6 | 99 |
| 22 | Significant correlation between a set of genetic polymorphisms and a functional brain network revealed by feature selection and sparse Partial Least Squares. NeuroImage, 2012, 63, 11-24. | 4.2 | 96 |
| 23 | A disconnection account of Gerstmann syndrome: Functional neuroanatomy evidence. Annals of Neurology, 2009, 66, 654-662. | 5.3 | 72 |
| 24 | Genetic and Environmental Influences on the Visual Word Form and Fusiform Face Areas. Cerebral Cortex, 2015, 25, 2478-2493. | 2.9 | 54 |
| 25 | Structural Analysis of fMRI Data Revisited: Improving the Sensitivity and Reliability of fMRI Group Studies. IEEE Transactions on Medical Imaging, 2007, 26, 1256-1269. | 8.9 | 46 |
| 26 | Genetic and environmental contributions to brain activation during calculation. NeuroImage, 2013, 81, 306-316. | 4.2 | 35 |
| 27 | Numerical and Spatial Intuitions: A Role for Posterior Parietal Cortex?. , 2009, , 221-246. | | 17 |
| 28 | Shared genetic aetiology between cognitive performance and brain activations in language and math tasks. Scientific Reports, 2018, 8, 17624. | 3.3 | 16 |
| 29 | High Level Group Analysis of FMRI Data Based on Dirichlet Process Mixture Models. Lecture Notes in Computer Science, 2007, 20, 482-494. | 1.3 | 13 |
| 30 | Radiation damages in CMOS image sensors: testing and hardening challenges brought by deep sub-micrometer CIS processes. , 2010, , . | | 12 |
| 31 | Subjectâ€specific segregation of functional territories based on deep phenotyping. Human Brain Mapping, 2021, 42, 841-870. | 3.6 | 11 |
| 32 | The Brainomics/Localizer database. NeuroImage, 2017, 144, 309-314. | 4.2 | 10 |
| 33 | Finding Landmarks in the Functional Brain: Detection and Use for Group Characterization. Lecture Notes in Computer Science, 2005, 8, 476-483. | 1.3 | 10 |
| 34 | Cohort-Level Brain Mapping: Learning Cognitive Atoms to Single Out Specialized Regions. Lecture Notes in Computer Science, 2013, 23, 438-449. | 1.3 | 10 |
| 35 | Probabilistic Anatomo-Functional Parcellation of the Cortex: How Many Regions?. Lecture Notes in Computer Science, 2008, 11, 399-406. | 1.3 | 8 |
| 36 | The functional database of the ARCHI project: Potential and perspectives. NeuroImage, 2019, 197, 527-543. | 4.2 | 6 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 37 | Improving Accuracy and Power with Transfer Learning Using a Meta-analytic Database. Lecture Notes in Computer Science, 2012, 15, 248-255. | 1.3 | 6 |
| 38 | A-me and BrainCloud: Art-Science Interrogations of Localization in Neuroscience. Leonardo, 2018, 51, 111-117. | 0.3 | 3 |
| 39 | Principal Component Regression Predicts Functional Responses across Individuals. Lecture Notes in Computer Science, 2014, 17, 741-748. | 1.3 | 3 |
| 40 | Triangulating cortical functional networks with anatomical landmarks. , 2008, , . | | 0 |