

# Paolo Maria Rossini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11607645/publications.pdf>

Version: 2024-02-01

29  
papers

4,925  
citations

361413

20  
h-index

610901

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

5787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	1.5	1,647
2	Restoring Natural Sensory Feedback in Real-Time Bidirectional Hand Prostheses. <i>Science Translational Medicine</i> , 2014, 6, 222ra19.	12.4	805
3	Mapping of Motor Cortical Reorganization After Stroke. <i>Stroke</i> , 1997, 28, 110-117.	2.0	372
4	Intraneural stimulation elicits discrimination of textural features by artificial fingertip in intact and amputee humans. <i>ELife</i> , 2016, 5, e09148.	6.0	286
5	Biomimetic Intraneural Sensory Feedback Enhances Sensation Naturalness, Tactile Sensitivity, and Manual Dexterity in a Bidirectional Prosthesis. <i>Neuron</i> , 2018, 100, 37-45.e7.	8.1	265
6	Follow-up of interhemispheric differences of motor evoked potentials from the 'affected' and 'unaffected' hemispheres in human stroke. <i>Brain Research</i> , 1998, 803, 1-8.	2.2	191
7	Slow Repetitive TMS for Drug-resistant Epilepsy: Clinical and EEG Findings of a Placebo-controlled Trial. <i>Epilepsia</i> , 2007, 48, 366-374.	5.1	150
8	Effect of repetitive transcranial magnetic stimulation on serum brain derived neurotrophic factor in drug resistant depressed patients. <i>Journal of Affective Disorders</i> , 2006, 91, 83-86.	4.1	137
9	Interhemispheric differences of hand muscle representation in human motor cortex. , 1997, 20, 535-542.		135
10	Neurophysiological follow-up of motor cortical output in stroke patients. <i>Clinical Neurophysiology</i> , 2000, 111, 1695-1703.	1.5	129
11	Repetitive transcranial magnetic stimulation versus electroconvulsive therapy for major depression: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 181-189.	4.8	127
12	Multisensory bionic limb to achieve prosthesis embodiment and reduce distorted phantom limb perceptions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 833-836.	1.9	101
13	Brain plasticity in recovery from stroke: An MEG assessment. <i>NeuroImage</i> , 2006, 32, 1326-1334.	4.2	84
14	Small-World Characteristics of Cortical Connectivity Changes in Acute Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 81-94.	2.9	78
15	Transcranial magnetic stimulation in cognitive rehabilitation. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 579-601.	1.6	75
16	Modulation of Corticospinal Output to Human Hand Muscles Following Deprivation of Sensory Feedback. <i>NeuroImage</i> , 1998, 8, 163-175.	4.2	69
17	Interhemispheric Differences of Sensory Hand Areas after Monohemispheric Stroke: MEG/MRI Integrative Study. <i>NeuroImage</i> , 2001, 14, 474-485.	4.2	69
18	Muscles in "Concert" Study of Primary Motor Cortex Upper Limb Functional Topography. <i>PLoS ONE</i> , 2008, 3, e3069.	2.5	63

#	ARTICLE	IF	CITATIONS
19	Phantom somatosensory evoked potentials following selective intraneural electrical stimulation in two amputees. <i>Clinical Neurophysiology</i> , 2018, 129, 1117-1120.	1.5	35
20	Brain sensorimotor hand area functionality in acute stroke: insights from magnetoencephalography. <i>NeuroImage</i> , 2004, 23, 542-550.	4.2	30
21	Facilitating acute stroke recovery with magnetic fields?. <i>Neurology</i> , 2005, 65, 353-354.	1.1	29
22	fMRI-vs-MEG evaluation of post-stroke interhemispheric asymmetries in primary sensorimotor hand areas. <i>Experimental Neurology</i> , 2007, 204, 631-639.	4.1	18
23	Sensitivity to temporal parameters of intraneural tactile sensory feedback. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 110.	4.6	15
24	A method to monitor motor cortical excitability in human stroke through motor evoked potentials. <i>Brain Research Protocols</i> , 1999, 4, 44-48.	1.6	10
25	Safety Considerations of the Use of TMS. , 2017, , 67-83.		4
26	Brain network modulation in transradial amputee with finger perception restored through biomimetic intraneural stimulation. <i>Neurological Sciences</i> , 2021, 42, 5369-5372.	1.9	1
27	Chapter 36 Neurophysiological markers of recovery of function after stroke. <i>Supplements To Clinical Neurophysiology</i> , 2002, 54, 236-247.	2.1	0
28	Chapter 37 Hemiparesis. <i>Handbook of Clinical Neurophysiology</i> , 2003, , 601-614.	0.0	0
29	General principles of brain electromagnetic rhythmic oscillations and implications for neuroplasticity. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022, 184, 221-237.	1.8	0