

# Arko Ghosh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3796032/publications.pdf>

Version: 2024-02-01

29  
papers

1,120  
citations

567281

15  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rewiring of hindlimb corticospinal neurons after spinal cord injury. <i>Nature Neuroscience</i> , 2010, 13, 97-104.	14.8	167
2	Functional and Anatomical Reorganization of the Sensory-Motor Cortex after Incomplete Spinal Cord Injury in Adult Rats. <i>Journal of Neuroscience</i> , 2009, 29, 12210-12219.	3.6	149
3	Recurrent seizures and brain pathology after inhibition of glutamine synthetase in the hippocampus in rats. <i>Brain</i> , 2008, 131, 2061-2070.	7.6	129
4	Chronic spinal hemisection in rats induces a progressive decline in transmission in uninjured fibers to motoneurons. <i>Experimental Neurology</i> , 2009, 216, 471-480.	4.1	93
5	Use-Dependent Cortical Processing from Fingertips in Touchscreen Phone Users. <i>Current Biology</i> , 2015, 25, 109-116.	3.9	92
6	Functional reorganization in rat somatosensory cortex assessed by fMRI: Elastic image registration based on structural landmarks in fMRI images and application to spinal cord injured rats. <i>NeuroImage</i> , 2009, 44, 1345-1354.	4.2	78
7	Intrathecaly infused antibodies against Nogo-A penetrate the CNS and downregulate the endogenous neurite growth inhibitor Nogo-A. <i>Molecular and Cellular Neurosciences</i> , 2006, 32, 161-173.	2.2	77
8	Heterogeneous Spine Loss in Layer 5 Cortical Neurons after Spinal Cord Injury. <i>Cerebral Cortex</i> , 2012, 22, 1309-1317.	2.9	42
9	Capturing sleep-wake cycles by using day-to-day smartphone touchscreen interactions. <i>Npj Digital Medicine</i> , 2019, 2, 73.	10.9	37
10	Bilateral Symmetry of Distortions of Tactile Size Perception. <i>Perception</i> , 2015, 44, 1251-1262.	1.2	35
11	Somatotopic astrocytic activity in the somatosensory cortex. <i>Glia</i> , 2013, 61, 601-610.	4.9	22
12	The details of past actions on a smartphone touchscreen are reflected by intrinsic sensorimotor dynamics. <i>Npj Digital Medicine</i> , 2018, 1, 4.	10.9	22
13	Striatal dopamine synthesis capacity reflects smartphone social activity. <i>IScience</i> , 2021, 24, 102497.	4.1	22
14	Trait-like nocturnal sleep behavior identified by combining wearable, phone-use, and self-report data. <i>Npj Digital Medicine</i> , 2021, 4, 90.	10.9	20
15	Rapid functional reorganization of the forelimb cortical representation after thoracic spinal cord injury in adult rats. <i>NeuroImage</i> , 2014, 87, 72-79.	4.2	18
16	Using voluntary motor commands to inhibit involuntary arm movements. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141139.	2.6	17
17	Large cognitive fluctuations surrounding sleep in daily living. <i>IScience</i> , 2021, 24, 102159.	4.1	17
18	The spinal reflex cannot be perceptually separated from voluntary movements. <i>Journal of Physiology</i> , 2014, 592, 141-152.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Artificial neural network trained on smartphone behavior can trace epileptiform activity in epilepsy. <i>IScience</i> , 2021, 24, 102538.	4.1	11
20	Sensorimotor organization of a sustained involuntary movement. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 185.	2.0	10
21	Voluntary motor commands reveal awareness and control of involuntary movement. <i>Cognition</i> , 2016, 155, 155-167.	2.2	9
22	Time to be “smart” Opportunities Arising From Smartphone-Based Behavioral Analysis in Daily Patient Care. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 303.	2.0	8
23	Altered cortical activation from the hand after facial botulinum toxin treatment. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 64-68.	3.7	6
24	Generalized priority-based model for smartphone screen touches. <i>Physical Review E</i> , 2020, 102, 012307.	2.1	6
25	Withdrawal of voluntary inhibition unravels the off state of the spontaneous blink generator. <i>Neuropsychologia</i> , 2014, 65, 279-286.	1.6	5
26	Hypertonicity induced apoptosis in HL-60 cells in the presence of intracellular potassium. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1281-1288.	4.9	4
27	Botulinum Toxin-A dose dependent perceptual loss on the hand after its cosmetic use on the face. <i>Cortex</i> , 2015, 63, 118-120.	2.4	2
28	Tactile underrepresentation of the forehead along the vertical axis. <i>Clinical Neurophysiology</i> , 2014, 125, 856-858.	1.5	1
29	Linking Elementary Properties of the Human Brain to the Behaviour Captured on Touchscreen Smartphones. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017, , 373-381.	0.3	1