

# Parth Chholak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5476627/publications.pdf>

Version: 2024-02-01

19  
papers

309  
citations

1478505

6  
h-index

1372567

10  
g-index

21  
all docs

21  
docs citations

21  
times ranked

168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing the neural network underlying covert picture-naming paradigm using magnetoencephalography. <i>Izvestiya Vysshikh Uchebnykh Zavedeniy Prikladnaya Nelineynaya Dinamika</i> , 2022, 30, 76-95.	0.2	1
2	Event-Related Coherence in Visual Cortex and Brain Noise: An MEG Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 375.	2.5	27
3	Peculiarities of brain activity sources in the process of motor acts imagination. , 2021, , .		1
4	Deterministic coherence and anti-coherence resonances in networks of chaotic oscillators with frequency mismatch. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111424.	5.1	6
5	Analysis of the features of brain neuronal sources during imagery motor activity: MEG study. , 2020, , .		0
6	Highest performance requires an optimal effort: A MEG study on visual perception. , 2020, , .		0
7	Voluntary and Involuntary Attention in Bistable Visual Perception: A MEG Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 597895.	2.0	12
8	Localizing oscillatory sources in a brain by MEG data during cognitive activity. , 2020, , .		21
9	An advanced perception model combining brain noise and adaptation. <i>Nonlinear Dynamics</i> , 2020, 100, 3695-3709.	5.2	13
10	Using artificial neural networks for classification of kinesthetic and visual imaginary movements by MEG data. , 2020, , .		8
11	Visual and kinesthetic modes affect motor imagery classification in untrained subjects. <i>Scientific Reports</i> , 2019, 9, 9838.	3.3	97
12	Machine learning approaches for classification of imaginary movement type by MEG data for neurorehabilitation. , 2019, , .		18
13	Phase-amplitude coupling between mu- and gamma-waves to carry motor commands. , 2019, , .		14
14	Brain noise estimation from MEG response to flickering visual stimulation. <i>Chaos, Solitons and Fractals: X</i> , 2019, 1, 100005.	2.1	21
15	Neuronal pathway and signal modulation for motor communication. <i>Cybernetics and Physics</i> , 2019, , 106-113.	0.3	5
16	Portraying human motor imagery: A MEG study. <i>World Scientific Series on Nonlinear Science, Series B</i> , 2019, , 80-85.	0.2	0
17	A MEG Study of Different Motor Imagery Modes in Untrained Subjects for BCI Applications. , 2019, , .		5
18	Relay synchronization in multiplex networks. <i>Scientific Reports</i> , 2018, 8, 8629.	3.3	56

#	ARTICLE	IF	CITATIONS
19	ALGORITHM FOR AUTOMATIC ESTIMATION OF HUMAN BRAIN ACTIVITY FEATURES DURING MENTAL TASK EVALUATION. Informatsionno-Upravliaiushchie Sistemy, 2018, , 104-111.	0.4	1