

# Enrico Cataldo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1720102/publications.pdf>

Version: 2024-02-01

12  
papers

141  
citations

1937685

4  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thalamocortical Spectral Transmission Relies on Balanced Input Strengths. <i>Brain Topography</i> , 2022, 35, 4-18.	1.8	1
2	Trigeminal input, pupil size and cognitive performance: From oral to brain matter. <i>Brain Research</i> , 2021, 1751, 147194.	2.2	11
3	Coupling between Trigeminal-Induced Asymmetries in Locus Coeruleus Activity and Cognitive Performance. <i>Symmetry</i> , 2021, 13, 1676.	2.2	5
4	The path from trigeminal asymmetry to cognitive impairment: a behavioral and molecular study. <i>Scientific Reports</i> , 2021, 11, 4744.	3.3	12
5	Chewing and Cognitive Improvement: The Side Matters. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 749444.	2.5	6
6	Spherical-harmonics mode decomposition of neural field equations. <i>Physical Review E</i> , 2020, 101, 012202.	2.1	5
7	Integrate-and-fire network model of activity propagation from thalamus to cortex. <i>BioSystems</i> , 2019, 183, 103978.	2.0	4
8	Assessing Pupil-linked Changes in Locus Coeruleus-mediated Arousal Elicited by Trigeminal Stimulation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
9	Measure of the capacitance coefficients of square electrodes using capacitance-to-digital converters. <i>Journal of Electrostatics</i> , 2017, 87, 26-31.	1.9	2
10	On a rapidly converging iterative algorithm for diode parameter extraction from a single $I-V$ curve. <i>Journal of Physics Communications</i> , 2017, 1, 055008.	1.2	1
11	Trigeminal, Visceral and Vestibular Inputs May Improve Cognitive Functions by Acting through the Locus Coeruleus and the Ascending Reticular Activating System: A New Hypothesis. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 130.	1.7	50
12	Oral Implant-Prostheses: New Teeth for a Brighter Brain. <i>PLoS ONE</i> , 2016, 11, e0148715.	2.5	41