

# Andrea Serio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2262660/publications.pdf>

Version: 2024-02-01

12  
papers

166  
citations

1478505

6  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Axonal Length Determines Distinct Homeostatic Phenotypes in Human iPSC Derived Motor Neurons on a Bioengineered Platform. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101817.	7.6	7
2	Biophysical Regulations of Epigenetic State and Notch Signaling in Neural Development Using Microgroove Substrates. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 32773-32787.	8.0	5
3	Automated and unbiased discrimination of ALS from control tissue at single cell resolution. <i>Brain Pathology</i> , 2021, 31, e12937.	4.1	9
4	Unsupervised Cell Segmentation and Labelling in Neural Tissue Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3733.	2.5	1
5	On extremal eigenvalues of the graph Laplacian $\chi^*$ . <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 015202.	2.1	4
6	An Electroactive Oligo-EDOT Platform for Neural Tissue Engineering. <i>Advanced Functional Materials</i> , 2020, 30, 2003710.	14.9	32
7	Concrete method for recovering the Euler characteristic of quantum graphs. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 275201.	2.1	2
8	Optimal Potentials for Quantum Graphs. <i>Annales Henri Poincare</i> , 2019, 20, 1517-1542.	1.7	1
9	Biofunctionalization of $\text{TiO}_2$ Surfaces with Self-Assembling Layers of Oligopeptides Covalently Grafted to Chitosan. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2190-2199.	5.2	15
10	Correlated Heterospectral Lipidomics for Biomolecular Profiling of Remyelination in Multiple Sclerosis. <i>ACS Central Science</i> , 2018, 4, 39-51.	11.3	44
11	Concise Review: The Cellular Conspiracy of Amyotrophic Lateral Sclerosis. <i>Stem Cells</i> , 2018, 36, 293-303.	3.2	39
12	On the Sharpness of Spectral Estimates for Graph Laplacians. <i>Reports on Mathematical Physics</i> , 2018, 82, 63-80.	0.8	6