

# Andrea Serio

## List of Publications by Year in descending order

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

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12  
papers

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citations

1478505

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1199594

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docs citations

14  
times ranked

384  
citing authors

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