

# Soumyo Sen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7950833/publications.pdf>

Version: 2024-02-01

16  
papers

1,341  
citations

623734

14  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dioxide transport across membranes. <i>Interface Focus</i> , 2021, 11, 20200090.	3.0	25
2	Amphiphilic Distyrylbenzene Derivatives as Potential Therapeutic and Imaging Agents for Soluble and Insoluble Amyloid I <sup>2</sup> Aggregates in Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2021, 143, 10462-10476.	13.7	51
3	Computational studies of micellar and nanoparticle nanomedicines. <i>Chemical Society Reviews</i> , 2018, 47, 3849-3860.	38.1	40
4	Broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism. <i>Nature Materials</i> , 2018, 17, 195-203.	27.5	331
5	Transient Clustering of Reaction Intermediates during Wet Etching of Silicon Nanostructures. <i>Nano Letters</i> , 2017, 17, 2953-2958.	9.1	35
6	Theoretical thermochemical studies of phenylacetylene scaffolds. <i>Thermochimica Acta</i> , 2017, 654, 146-156.	2.7	4
7	Elucidating Surface Ligand-Dependent Kinetic Enhancement of Proteolytic Activity at Surface-Modified Quantum Dots. <i>ACS Nano</i> , 2017, 11, 5884-5896.	14.6	39
8	Template-Free Hierarchical Self-Assembly of Iron Diselenide Nanoparticles into Mesoscale Hedgehogs. <i>Journal of the American Chemical Society</i> , 2017, 139, 16630-16639.	13.7	43
9	Multistep nucleation of nanocrystals in aqueous solution. <i>Nature Chemistry</i> , 2017, 9, 77-82.	13.6	312
10	Confined, Oriented, and Electrically Anisotropic Graphene Wrinkles on Bacteria. <i>ACS Nano</i> , 2016, 10, 8403-8412.	14.6	35
11	Tuning the Selectivity of Dendron Micelles Through Variations of the Poly(ethylene glycol) Corona. <i>ACS Nano</i> , 2016, 10, 6905-6914.	14.6	43
12	Highly Sensitive Capacitive Gas Sensing at Ionic Liquid Electrode Interfaces. <i>Analytical Chemistry</i> , 2016, 88, 1959-1964.	6.5	25
13	Reversible trapping and reaction acceleration within dynamically self-assembling nanoflasks. <i>Nature Nanotechnology</i> , 2016, 11, 82-88.	31.5	305
14	Charged group surface accessibility determines micelleplexes formation and cellular interaction. <i>Nanoscale</i> , 2015, 7, 7559-7564.	5.6	16
15	Star-Shaped Tetraspermine Enhances Cellular Uptake and Cytotoxicity of T-Oligo in Prostate Cancer Cells. <i>Pharmaceutical Research</i> , 2015, 32, 196-210.	3.5	5
16	Poly(ethylene glycol) Corona Chain Length Controls End-Group-Dependent Cell Interactions of Dendron Micelles. <i>Macromolecules</i> , 2014, 47, 6911-6918.	4.8	32