

Samudra Sengupta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11677035/publications.pdf>

Version: 2024-02-01

11
papers

1,946
citations

759233

12
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1857
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent, self-powered, drug delivery systems. <i>Nanoscale</i> , 2013, 5, 1273-1283.	5.6	334
2	Fantastic Voyage: Designing Self-Powered Nanorobots. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8434-8445.	13.8	307
3	Enzyme Molecules as Nanomotors. <i>Journal of the American Chemical Society</i> , 2013, 135, 1406-1414.	13.7	282
4	Self-powered enzyme micropumps. <i>Nature Chemistry</i> , 2014, 6, 415-422.	13.6	228
5	Substrate Catalysis Enhances Single-Enzyme Diffusion. <i>Journal of the American Chemical Society</i> , 2010, 132, 2110-2111.	13.7	193
6	A Polymerization-Powered Motor. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9374-9377.	13.8	175
7	DNA Polymerase as a Molecular Motor and Pump. <i>ACS Nano</i> , 2014, 8, 2410-2418.	14.6	97
8	Chemotactic Separation of Enzymes. <i>ACS Nano</i> , 2014, 8, 11941-11949.	14.6	96
9	Drop-Off of Colloidal Cargo Transported by Catalytic Pt-Au Nanomotors via Photochemical Stimuli. <i>Small</i> , 2010, 6, 1479-1482.	10.0	94
10	Dual Stimuli-Responsive, Rechargeable Micropumps via Host-Guest Interactions. <i>ACS Nano</i> , 2013, 7, 7674-7679.	14.6	67
11	Die phantastische Reise: Nanoroboter mit Eigenantrieb. <i>Angewandte Chemie</i> , 2012, 124, 8560-8571.	2.0	34