

Shengjie Zhai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9 papers	64 citations	6 h-index	8 g-index
10 ext. papers	77 ext. citations	4.1 avg, IF	2.4 L-index

#	Paper	IF	Citations
9	Silk fibroin supraparticles created by the evaporation of colloidal Ouzo droplets. <i>AIP Advances</i> , 2021 , 11, 085125	1.5	2
8	Silica-coated metallic nanoparticle-based hierarchical super-hydrophobic surfaces fabricated by spin-coating and inverse nanotransfer printing. <i>Applied Physics Letters</i> , 2019 , 114, 233702	3.4	6
7	High-Efficiency Omnidirectional Broadband Light-Management Coating Using the Hierarchical Ordered-Disordered Nanostructures with Ultra-Mechanochemical Resistance. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12978-12985	9.5	9
6	Nanopatterned silk fibroin films with high transparency and high haze for optical applications.. <i>RSC Advances</i> , 2019 , 9, 40792-40799	3.7	10
5	Influence of concentration polarization on DNA translocation through a nanopore. <i>Physical Review E</i> , 2016 , 93, 052409	2.4	3
4	Enhancement of Sensitivity of the Solution-Phase Localized Surface Plasmon by a Nanostructured Substrate. <i>MRS Advances</i> , 2016 , 1, 2059-2064	0.7	2
3	Direct Writing of Metallic Nanoparticle Concentric Multi-Ring Structures by Template-Directed Convective Self-Assembly Processes. <i>Advanced Optical Materials</i> , 2014 , 2, 632-635	8.1	8
2	The Influence of Dielectric Decrement on Electrokinetics. <i>Journal of Fluid Mechanics</i> , 2013 , 724, 69-94	3.7	14
1	Nanoscale convection assisted self-assembly of nanoparticle monolayer. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4932		10