

Assad U Khan

List of Publications by Year in descending order

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times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	Block copolymer-based porous carbon fibers. <i>Science Advances</i> , 2019, 5, eaau6852.	10.3	201
2	Key Parameter Controlling the Sensitivity of Plasmonic Metal Nanoparticles: Aspect Ratio. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19353-19364.	3.1	56
3	3D Printed Functionally Graded Plasmonic Constructs. <i>Advanced Optical Materials</i> , 2017, 5, 1700367.	7.3	37
4	Controlling the physical and electrochemical properties of block copolymer-based porous carbon fibers by pyrolysis temperature. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 153-165.	3.4	34
5	Composition Design of Block Copolymers for Porous Carbon Fibers. <i>Chemistry of Materials</i> , 2019, 31, 8898-8907.	6.7	31
6	Poly(vinylpyrrolidone)-Free Multistep Synthesis of Silver Nanoplates with Plasmon Resonance in the Near Infrared Range. <i>Small</i> , 2017, 13, 1701715.	10.0	23
7	Sub-10 nm domains in high-performance polyetherimides. <i>Polymer Chemistry</i> , 2019, 10, 379-385.	3.9	15
8	Two-Dimensional Plasmonic Nanoparticle as a Nanoscale Sensor to Probe Polymer Brush Formation. <i>Analytical Chemistry</i> , 2017, 89, 7541-7548.	6.5	13
9	Spectral-Selective Plasmonic Polymer Nanocomposites Across the Visible and Near-Infrared. <i>ACS Nano</i> , 2019, 13, 4255-4266.	14.6	12
10	Capacitive Organic Dye Removal by Block Copolymer Based Porous Carbon Fibers. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000507.	3.7	11
11	Covalent and Noncovalent Loading of Doxorubicin by Folic Acid-Carbon Dot Nanoparticles for Cancer Theranostics. <i>ACS Omega</i> , 2022, 7, 23322-23331.	3.5	10
12	Janus Plasmonic Silver Nanoplatelets for Interface Stabilization. <i>ACS Applied Nano Materials</i> , 2018, 1, 5377-5381.	5.0	9
13	Mutually Reinforced Polymer-Graphene Bilayer Membranes for Energy-Efficient Acoustic Transduction. <i>Advanced Materials</i> , 2021, 33, e2004053.	21.0	9
14	Utilization of Block Copolymers to Understand Water Vaporization Enthalpy Reduction in Uniform Pores. <i>Macromolecules</i> , 2022, 55, 4803-4811.	4.8	5
15	Critical Role of Polystyrene Layer on Plasmonic Silver Nanoplates in Organic Photovoltaics. <i>ACS Applied Energy Materials</i> , 2019, 2, 2475-2485.	5.1	4
16	Mesoporous polyetherimide thin films via hydrolysis of polylactide-polyetherimide-polylactide. <i>Polymer Chemistry</i> , 2021, 12, 3939-3946.	3.9	2