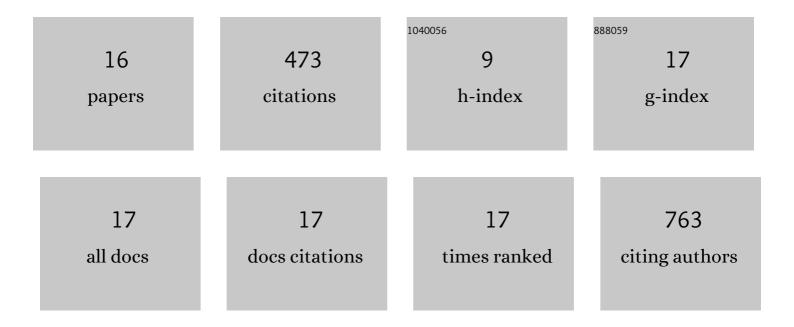
Assad U Khan

List of Publications by Year in descending order

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Δεελο ΠΚηλη

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