

Umair Azhar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	BiOCl-Coated UiO-66-NH ₂ Metal-Organic Framework Nanoparticles for Visible-Light Photocatalytic Cr(VI) Reduction. ACS Applied Nano Materials, 2021, 4, 4037-4047.	5.0	49
2	Di-block copolymer stabilized methyl methacrylate based polyHIPEs: Influence of hydrophilic and hydrophobic co-monomers on morphology, wettability and thermal properties. Arabian Journal of Chemistry, 2020, 13, 3801-3816.	4.9	18
3	Long-Lasting and Rapid-Responsive Media for Rewritable Information Storage Based on Low-Cost N-Substituted Maleimides Oligomers. Macromolecular Materials and Engineering, 2020, 305, 1900560.	3.6	0
4	Preparation and Insights of Smart Foams with Phototunable Foamability Based on Azobenzene-Containing Surfactants. Langmuir, 2020, 36, 15423-15429.	3.5	9
5	Synergetic effect of ZnIn ₂ S ₄ nanosheets with metal-organic framework molding heterostructure for efficient visible- light driven photocatalytic reduction of Cr(VI). Arabian Journal of Chemistry, 2020, 13, 5939-5948.	4.9	20
6	Cytocompatible and non-fouling zwitterionic hyaluronic acid-based hydrogels using thiol-ene click-chemistry for cell encapsulation. Carbohydrate Polymers, 2020, 236, 116021.	10.2	52
7	A one-step fabrication and modification of HIPE-templated fluoro-porous polymer using PEG-b-PHFBMA macrosurfactant. Journal of Materials Science, 2020, 55, 4970-4986.	3.7	10
8	Porous multifunctional fluoropolymer composite foams prepared via humic acid modified Fe ₃ O ₄ nanoparticles stabilized Pickering high internal phase emulsion using cationic fluorosurfactant as co-stabilizer. Arabian Journal of Chemistry, 2019, 12, 559-572.	4.9	21
9	Synthesis and characterization of hydrophilicity-controlled poly(arylene ether sulfone) copolymers with phenolphthalein-based carboxylic acid groups for separation membrane applications. Journal of Macromolecular Science - Pure and Applied Chemistry, 2019, 56, 1040-1049.	2.2	2
10	Photocontrollable Wrinkle Morphology Evolution on Azo-Based Multilayers for Hierarchical Surface Micropatterns Fabrication. Langmuir, 2019, 35, 2601-2609.	3.5	15
11	Free radical copolymerization of trifluoroethyl methacrylate with perfluoroalkyl ethyl acrylates for superhydrophobic coating application. Journal of Coatings Technology Research, 2019, 16, 711-719.	2.5	9
12	Smart Copolymer-Functionalized Flexible Surfaces with Photoswitchable Wettability: From Superhydrophobicity with Rose Petal Effect to Superhydrophilicity. ACS Applied Materials & Interfaces, 2019, 11, 25436-25444.	8.0	55
13	Preparation of fluoropolymer materials with different porous morphologies by an emulsion template method using supercritical carbon dioxide as a medium. RSC Advances, 2019, 9, 11331-11340.	3.6	5
14	Non-crosslinked fluorinated copolymer particles stabilized Pickering high internal phase emulsion for fabrication of porous polymer monoliths. Polymer, 2019, 172, 160-169.	3.8	20
15	A facile fabrication of porous fluoro-polymer with excellent mechanical properties based on high internal phase emulsion templating using PLA as co-stabilizer. RSC Advances, 2019, 9, 40513-40522.	3.6	6
16	Synthesis and performance of a Mono (dodecafluoroheptyl) acetate surfactant. Journal of Dispersion Science and Technology, 2019, 40, 431-439.	2.4	3
17	Highly porous and chemical resistive P(TFEMA-DVB) monolith with tunable morphology for rapid oil/water separation. RSC Advances, 2018, 8, 8355-8364.	3.6	24
18	Methyl Methacrylate HIPE Solely Stabilized by Fluorinated Di-block Copolymer for Fabrication of Highly Porous and Interconnected Polymer Monoliths. Chemistry - A European Journal, 2018, 24, 11619-11626.	3.3	16

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19	Synthesis of Well-Defined PVDF-Based Amphiphilic Block Copolymer via Iodine Transfer Polymerization for Antifouling Membrane Application. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 8689-8697.	3.7	18
20	A cationic fluorosurfactant for fabrication of high-performance fluoropolymer foams with controllable morphology. <i>Materials and Design</i> , 2017, 124, 194-202.	7.0	23
21	Data set on stability comparison of emulsions stabilized by cationic fluorosurfactant against conventional surfactants and high thermal performance of fluoropolymer foams. <i>Data in Brief</i> , 2017, 13, 396-400.	1.0	2
22	Synthesis of fluorinated nanoparticles via RAFT dispersion polymerization-induced self-assembly using fluorinated macro-RAFT agents in supercritical carbon dioxide. <i>RSC Advances</i> , 2017, 7, 51612-51620.	3.6	31
23	Preparation of Thermo-Responsive and Cross-Linked Fluorinated Nanoparticles via RAFT-Mediated Aqueous Polymerization in Nanoreactors. <i>Molecules</i> , 2017, 22, 152.	3.8	11