

Alison J Scott

List of Publications by Year in descending order

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papers

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1040056

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times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Volatile Organic Compounds by Using MEMS Sensors. <i>Sensors</i> , 2022, 22, 4102.	3.8	9
2	Design of polymeric materials: Experiences and prescriptions. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 5-30.	1.7	6
3	Evaluation of doped and undoped poly (4-vinylpyridine) as sensing materials for a sensor array for volatile organic compounds. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1474-1483.	3.2	3
4	Evaluation of Polymeric Materials for Chemical Enhanced Oil Recovery. <i>Processes</i> , 2020, 8, 361.	2.8	58
5	Straightforward Synthesis and Evaluation of Polymeric Sensing Materials for Acetone Detection. <i>Macromolecular Reaction Engineering</i> , 2020, 14, 2000004.	1.5	6
6	Designing Optimal Terpolymers for Enhanced Oil Recovery (Polymer Flooding). <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7426-7437.	3.7	9
7	Making the Most of Parameter Estimation: Terpolymerization Troubleshooting Tips. <i>Processes</i> , 2019, 7, 444.	2.8	5
8	Terpolymerization of Triisopropylsilyl Acrylate, Methyl Methacrylate, and Butyl Acrylate: Reactivity Ratio Estimation. <i>Macromolecular Reaction Engineering</i> , 2019, 13, 1900014.	1.5	3
9	The role of pH, ionic strength and monomer concentration on the terpolymerization of 2-acrylamido-2-methylpropane sulfonic acid, acrylamide and acrylic acid. <i>Polymer</i> , 2019, 177, 214-230.	3.8	17
10	Binary vs. ternary reactivity ratios: Appropriate estimation procedures with terpolymerization data. <i>European Polymer Journal</i> , 2018, 105, 442-450.	5.4	19
11	Computational Package for Copolymerization Reactivity Ratio Estimation: Improved Access to the Error-in-Variables-Model. <i>Processes</i> , 2018, 6, 8.	2.8	20
12	AMPS/AAm/AAC Terpolymerization: Experimental Verification of the EVM Framework for Ternary Reactivity Ratio Estimation. <i>Processes</i> , 2017, 5, 9.	2.8	14
13	Optimality in Model-Based Experimental Designs: Applications in NMRP of Styrene. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 205-227.	1.5	4
14	Optimal Design for Reactivity Ratio Estimation: A Comparison of Techniques for AMPS/Acrylamide and AMPS/Acrylic Acid Copolymerizations. <i>Processes</i> , 2015, 3, 749-768.	2.8	19
15	Bayesian Design of Experiments Applied to a Complex Polymerization System: Nitrile Butadiene Rubber Production in a Train of CSTRs. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 13-27.	1.4	9
16	Branched and Crosslinked Polymers Synthesized through NMRP: Quantitative Indicators for Network Homogeneity?. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 639-657.	1.5	14
17	Crosslinking nitroxide-mediated radical copolymerization of styrene with divinylbenzene. <i>European Polymer Journal</i> , 2014, 51, 87-111.	5.4	34
18	Effect of Temperature on Environmental Stress Cracking Resistance and Crystal Structure of Polyethylene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014, 51, 189-202.	2.2	14

#	ARTICLE	IF	CITATIONS
19	Nitrile Rubber Reactor Operation Troubleshooting with Principal Component Analysis. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 803-811.	2.2	5