

Jonathan A Campbell

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,290
citations

566801

15
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically Activated Si ₃ N ₄ Metathesis for Adhesive-Free Bonding of Polysulfide Surfaces. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, 2100333.	1.1	11
2	Continuous Flow Vortex Fluidic Transformation of Kombucha Cellulose into More Compact and Crystalline Fibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4279-4288.	3.2	1
3	Conversion Mapping by Raman Microscopy and Impact of Slice Overlap in Additive Manufacturing. <i>ACS Applied Polymer Materials</i> , 2022, 4, 200-209.	2.0	1
4	Insulating Composites Made from Sulfur, Canola Oil, and Wool**. <i>ChemSusChem</i> , 2021, 14, 2352-2359.	3.6	29
5	Mechanical Properties of a Supramolecular Nanocomposite Hydrogel Containing Hydroxyl Groups Enriched Hyper-Branched Polymers. <i>Polymers</i> , 2021, 13, 805.	2.0	8
6	Chemically induced repair, adhesion, and recycling of polymers made by inverse vulcanization. <i>Chemical Science</i> , 2020, 11, 5537-5546.	3.7	95
7	Sulfur polymer composites as controlled-release fertilisers. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1929-1936.	1.5	109
8	Crosslinker Copolymerization for Property Control in Inverse Vulcanization. <i>Chemistry - A European Journal</i> , 2019, 25, 10433-10440.	1.7	88
9	Probing the Relationship between Molecular Structures, Thermal Transitions, and Morphology in Polymer Semiconductors Using a Woven Glass-Mesh-Based DMTA Technique. <i>Chemistry of Materials</i> , 2019, 31, 6740-6749.	3.2	32
10	Morphology Control in a Dual-Cure System for Potential Applications in Additive Manufacturing. <i>Polymers</i> , 2019, 11, 420.	2.0	12
11	Sustainable Polysulfides for Oil Spill Remediation: Repurposing Industrial Waste for Environmental Benefit. <i>Advanced Sustainable Systems</i> , 2018, 2, 1800024.	2.7	120
12	Polydopamine as sizing on carbon fiber surfaces for enhancement of epoxy laminated composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 626-632.	3.8	72
13	Unravelling the Thermomechanical Properties of Bulk Heterojunction Blends in Polymer Solar Cells. <i>Macromolecules</i> , 2017, 50, 3347-3354.	2.2	62
14	Laying Waste to Mercury: Inexpensive Sorbents Made from Sulfur and Recycled Cooking Oils. <i>Chemistry - A European Journal</i> , 2017, 23, 16219-16230.	1.7	185
15	Development of the ASTRI heliostat. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	3
16	Fracture toughness and wear properties of nanosilica/epoxy composites under marine environment. <i>Materials Chemistry and Physics</i> , 2016, 177, 147-155.	2.0	37
17	Sulfur-Limonene Polysulfide: A Material Synthesized Entirely from Industrial By-Products and Its Use in Removing Toxic Metals from Water and Soil. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1714-1718.	7.2	240
18	Sulfur-Limonene Polysulfide: A Material Synthesized Entirely from Industrial By-Products and Its Use in Removing Toxic Metals from Water and Soil. <i>Angewandte Chemie</i> , 2016, 128, 1746-1750.	1.6	29

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19	Synthesis and Characterisation of High Fullerene Content Polymers and Their Use in Organic Photovoltaic Devices. <i>Australian Journal of Chemistry</i> , 2015, 68, 1767.	0.5	3
20	Effects of atomic layer deposited thin films on dye sensitized solar cell performance. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2012, 30, 01A157.	0.9	8
21	In-situ preparation of poly(2-hydroxyethyl methacrylate)-titania hybrids using \hat{I}^3 -radiation. <i>Polymer</i> , 2011, 52, 4471-4479.	1.8	9
22	Fast switching immobilized photochromic dyes. <i>Journal of Polymer Science Part A</i> , 2011, 49, 476-486.	2.5	7
23	Controlling Molecular Mobility in Polymer Matrices: Synchronizing Switching Speeds of Multiple Photochromic Dyes. <i>Macromolecules</i> , 2010, 43, 8488-8501.	2.2	38
24	Pyrolysis behaviour of titanium dioxide-poly(vinyl pyrrolidone) composite materials. <i>Polymer Degradation and Stability</i> , 2009, 94, 1882-1889.	2.7	15
25	Superior Photochromic Performance of Naphthopyrans in a Rigid Host Matrix Using Polymer Conjugation: Fast, Dark, and Tunable. <i>Macromolecules</i> , 2008, 41, 1206-1214.	2.2	60