

Philip T Dirlam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

1,512
citations

12
h-index

17
g-index

17
ext. papers

1,798
ext. citations

7.5
avg, IF

3.98
L-index

#	Paper	IF	Citations
17	Elemental sulfur-molybdenum disulfide composites for high-performance cathodes for LiS batteries: the impact of interfacial structures on electrocatalytic anchoring of polysulfides. <i>MRS Communications</i> , 2021 , 11, 261-271	2.7	1
16	Polymerizations with Elemental Sulfur: From Petroleum Refining to Polymeric Materials.. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	12
15	Atom-Economical, One-Pot, Self-Initiated Photopolymerization of Lactose Methacrylate for Biobased Hydrogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 4606-4613	8.3	3
14	Poly lactide Foams with Tunable Mechanical Properties and Wettability using a Star Polymer Architecture and a Mixture of Surfactants. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1698-1706	8.3	19
13	The use of polymers in Li-S batteries: A review. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1635-1668	2.5	96
12	Inverse vulcanization of elemental sulfur and styrene for polymeric cathodes in Li-S batteries. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 107-116	2.5	101
11	Elemental Sulfur and Molybdenum Disulfide Composites for Li-S Batteries with Long Cycle Life and High-Rate Capability. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13437-48	9.5	92
10	High Refractive Index Copolymers with Improved Thermomechanical Properties via the Inverse Vulcanization of Sulfur and 1,3,5-Triisopropenylbenzene. <i>ACS Macro Letters</i> , 2016 , 5, 1152-1156	6.6	107
9	Inverse vulcanization of elemental sulfur with 1,4-diphenylbutadiyne for cathode materials in LiS batteries. <i>RSC Advances</i> , 2015 , 5, 24718-24722	3.7	114
8	Improving the Charge Conductance of Elemental Sulfur via Tandem Inverse Vulcanization and Electropolymerization. <i>ACS Macro Letters</i> , 2015 , 4, 111-114	6.6	54
7	Synthesis of ferromagnetic cobalt nanoparticle tipped CdSe@CdS nanorods: critical role of Pt-activation. <i>CrystEngComm</i> , 2014 , 16, 9461-9468	3.3	12
6	Colloidal polymers from dipolar assembly of cobalt-tipped CdSe@CdS nanorods. <i>ACS Nano</i> , 2014 , 8, 3272-3284	16.4	32
5	Single chain polymer nanoparticles via sequential ATRP and oxidative polymerization. <i>Polymer Chemistry</i> , 2013 , 4, 3765	4.9	38
4	The use of elemental sulfur as an alternative feedstock for polymeric materials. <i>Nature Chemistry</i> , 2013 , 5, 518-24	17.6	748
3	Directing the deposition of ferromagnetic cobalt onto Pt-tipped CdSe@CdS nanorods: synthetic and mechanistic insights. <i>ACS Nano</i> , 2012 , 6, 8632-45	16.7	57
2	Surface Initiated Atom Transfer Radical Polymerizations from Indium Tin Oxide Electrodes: Electrochemistry of Polymer Brushes. <i>ACS Symposium Series</i> , 2012 , 197-209	0.4	2
1	Controlling surface energy and wettability with Diels-Alder chemistry. <i>Langmuir</i> , 2010 , 26, 3942-8	4	24

