

Linli Xu

List of Publications by Year in descending order

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29
papers

1,128
citations

471509

17
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1849
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy materials based on metal Schiff base complexes. <i>Coordination Chemistry Reviews</i> , 2018, 355, 180-198.	18.8	260
2	Cyclometallated tridentate platinum ($\langle scp \rangle ii \langle /scp \rangle$) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , 2019, 48, 5547-5563.	38.1	111
3	A molecular approach to magnetic metallic nanostructures from metallopolymer precursors. <i>Chemical Society Reviews</i> , 2018, 47, 4934-4953.	38.1	87
4	Graphene Oxide: A Versatile Agent for Polyimide Foams with Improved Foaming Capability and Enhanced Flexibility. <i>Chemistry of Materials</i> , 2015, 27, 4358-4367.	6.7	66
5	Lightweight and Ultrastrong Polymer Foams with Unusually Superior Flame Retardancy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26392-26399.	8.0	66
6	Tunable Functionalization of Graphene Oxide Sheets through Surface-Initiated Cationic Polymerization. <i>Macromolecules</i> , 2015, 48, 994-1001.	4.8	60
7	Tuning the Surface Properties of Graphene Oxide by Surface-Initiated Polymerization of Epoxides: An Efficient Method for Enhancing Gas Separation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4998-5005.	8.0	53
8	Molecular/polymeric metallaynes and related molecules: Solar cell materials and devices. <i>Coordination Chemistry Reviews</i> , 2018, 373, 233-257.	18.8	49
9	Graphene Oxide Facilitates Solvent-Free Synthesis of Well-Dispersed, Faceted Zeolite Crystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14090-14095.	13.8	41
10	Supercapacitor electrodes based on metal-organic compounds from the first transition metal series. <i>EcoMat</i> , 2021, 3, e12106.	11.9	38
11	Packaging BiVO ₄ nanoparticles in ZnO microbelts for efficient photoelectrochemical hydrogen production. <i>Electrochimica Acta</i> , 2018, 283, 497-508.	5.2	36
12	AIE-active difluoroboronated acylhydrozone dyes (BOAHY) emitting across the entire visible region and their photo-switching properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3269-3277.	5.5	35
13	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11326-11334.	13.8	34
14	Core-Shell Structured Polyamide 66 Nanofibers with Enhanced Flame Retardancy. <i>ACS Omega</i> , 2017, 2, 2665-2671.	3.5	31
15	Metallated terpolymer donors with strongly absorbing iridium complex enables polymer solar cells with 16.71% efficiency. <i>Chemical Engineering Journal</i> , 2022, 430, 132832.	12.7	27
16	A comprehensive understanding on the roles of carbon dots in metallated graphyne based catalyst for photoinduced H ₂ O ₂ production. <i>Nano Today</i> , 2022, 43, 101428.	11.9	25
17	Variation of non-isothermal crystallization behavior of isotactic polypropylene with varying nucleating agent content. <i>Polymer International</i> , 2010, 59, 1441-1450.	3.1	24
18	The mechanism for fracture resistance in nucleated isotactic polypropylene. <i>Polymers for Advanced Technologies</i> , 2010, 21, 807-816.	3.2	16

#	ARTICLE	IF	CITATIONS
19	Preliminary investigations of antioxidation of dihydromyricetin in polymers. <i>Bulletin of Materials Science</i> , 2010, 33, 273-275.	1.7	14
20	Anomaly Detection in the Internet of Vehicular Networks Using Explainable Neural Networks (xNN). <i>Mathematics</i> , 2022, 10, 1267.	2.2	12
21	Functional Organometallic Poly(arylene ethynylene)s: From Synthesis to Applications. <i>Topics in Current Chemistry</i> , 2017, 375, 77.	5.8	11
22	Synthesis of 3,5-ditert-butyl-4-hydroxybenzoates and their thermal antioxidation behavior for polypropylene. <i>Polymer Degradation and Stability</i> , 2009, 94, 1906-1913.	5.8	10
23	Thermal behavior of isotactic polypropylene in different content of \hat{I}^2 -nucleating agent. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 96, 733-740.	3.6	9
24	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 11427-11435.	2.0	3
25	Synthesis of Bis-Terpyridine-Based Metallopolymers and the Thermoelectric Properties of Their Single Walled Carbon Nanotube Composites. <i>Molecules</i> , 2021, 26, 2560.	3.8	3
26	Effect of the Linking Group on the Thermoelectric Properties of Poly(Schiff Base)s and Their Metallopolymers. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1911-1917.	3.3	3
27	Effects of Magnesium Hydroxide Containing Copper Compound on the Properties of Polypropylene Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 48, 432-439.	1.9	2
28	Synthesis and characterization of a series of polymer-immobilized clusters of osmium. <i>Journal of Organometallic Chemistry</i> , 2018, 870, 8-15.	1.8	2
29	Functional Organometallic Poly(arylene ethynylene)s: From Synthesis to Applications. <i>Topics in Current Chemistry Collections</i> , 2017, , 157-189.	0.5	0