

Xi Zhang

List of Publications by Year in descending order

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20
papers

566
citations

759190

12
h-index

752679

20
g-index

20
all docs

20
docs citations

20
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution-processed top-contact electrodes strategy for organic crystalline field-effect transistor arrays. <i>Nano Research</i> , 2022, 15, 858-863.	10.4	12
2	Recent advances in electrocatalytic nitrite reduction. <i>Chemical Communications</i> , 2022, 58, 2777-2787.	4.1	83
3	Cu clusters/TiO ₂ with abundant oxygen vacancies for enhanced electrocatalytic nitrate reduction to ammonia. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6448-6453.	10.3	91
4	Organic crystalline monolayers for ideal behaviours in organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12057-12062.	5.5	3
5	Revealing molecular conformation-induced stress at embedded interfaces of organic optoelectronic devices by sum frequency generation spectroscopy. <i>Science Advances</i> , 2021, 7, .	10.3	29
6	Sub-5 nm single crystalline organic p-n heterojunctions. <i>Nature Communications</i> , 2021, 12, 2774.	12.8	39
7	Aminal-Linked Covalent Organic Frameworks through Condensation of Secondary Amine with Aldehyde. <i>Journal of the American Chemical Society</i> , 2019, 141, 14981-14986.	13.7	114
8	Controllable growth of C ₈ -BTBT single crystalline microribbon arrays by a limited solvent vapor-assisted crystallization (LSVC) method. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2419-2423.	5.5	37
9	A new polymer field effect transistor based on fluorene derivative with fused furan rings. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46865.	2.6	1
10	A 1,1'-vinylene-fused indacenodithiophene-based low bandgap polymer for efficient polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5106-5114.	10.3	34
11	Tuning the aggregation structure and electrical property of 2.6-diphenyl-anthracene by the density of octadecyltrichlorosilane. <i>Science China Chemistry</i> , 2016, 59, 1645-1650.	8.2	5
12	Asymmetric epoxidation of cinnamyl alcohol catalyzed by silica-supported casein-Co complex. <i>Polymers for Advanced Technologies</i> , 2002, 13, 216-219.	3.2	4
13	Asymmetric hydration of allyl alcohol catalyzed by polysulfostyrene-gelatin-Co complex. <i>Polymers for Advanced Technologies</i> , 2002, 13, 305-309.	3.2	8
14	Asymmetric hydrogenation of ketones catalyzed by zeolite-supported gelatin-Fe complex. <i>Polymers for Advanced Technologies</i> , 2001, 12, 642-646.	3.2	20
15	Asymmetric hydroformylation of vinyl acetate catalyzed by zeolite-supported gelatin-Co-Ru complex. <i>Polymers for Advanced Technologies</i> , 2001, 12, 693-696.	3.2	3
16	Second order non-linear optical materials based on poly(p-chloromethyl styrene). <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1853-1857.	2.2	19
17	Self-condensing vinyl polymerization of acrylamide. <i>Polymer Bulletin</i> , 1999, 43, 29-34.	3.3	27
18	Dendrigraft polystyrene initiated by poly(p-chloromethyl styrene): synthesis and properties. <i>Polymer International</i> , 1999, 48, 896-900.	3.1	16

#	ARTICLE	IF	CITATIONS
19	Aerobic epoxidation of olefins catalyzed by MgO-polysilazane-metal complexes. <i>Polymers for Advanced Technologies</i> , 1999, 10, 483-486.	3.2	6
20	A novel dendritic anion conductor: quaternary ammonium salt of poly(amidoamine) (PAMAM). <i>Macromolecular Rapid Communications</i> , 1999, 20, 492-496.	3.9	15