Yu Pan

List of Publications by Year in descending order

49 papers	1,069 citations	361413 20 h-index	434195 31 g-index
49 all docs	49 docs citations	49 times ranked	1422 citing authors

#	Article	IF	Citations
1	A bismuth oxide nanosheet-coated electrospun carbon nanofiber film: a free-standing negative electrode for flexible asymmetric supercapacitors. Journal of Materials Chemistry A, 2016, 4, 16635-16644.	10.3	124
2	Hydrophilic side chain assisting continuous ion-conducting channels for anion exchange membranes. Journal of Membrane Science, 2018, 552, 286-294.	8.2	71
3	Bis(oxazolinyl)phenyl-Ligated Rare-Earth-Metal Complexes: Highly Regioselective Catalysts for cis-1,4-Polymerization of Isoprene. Inorganic Chemistry, 2013, 52, 2802-2808.	4.0	58
4	Three-dimensional porous ZnCo2O4 sheet array coated with Ni(OH)2 for high-performance asymmetric supercapacitor. Journal of Colloid and Interface Science, 2017, 497, 50-56.	9.4	55
5	Poly(2,6-dimethyl-1,4-phenylene oxide) containing imidazolium-terminated long side chains as hydroxide exchange membranes with improved conductivity. Journal of Membrane Science, 2016, 518, 159-167.	8.2	48
6	N-heterocyclic Carbene Scandium Complexes: Synthesis, Structure, and Catalytic Performance for Î±-Olefin Polymerization and Copolymerization with 1,5-Hexadiene. Organometallics, 2011, 30, 5687-5694.	2.3	36
7	Constructing a rigid crosslinked structure for enhanced conductivity of imidazolium functionalized polysulfone hydroxide exchange membrane. International Journal of Hydrogen Energy, 2016, 41, 10923-10934.	7.1	36
8	SlbZIP38, a Tomato bZIP Family Gene Downregulated by Abscisic Acid, Is a Negative Regulator of Drought and Salt Stress Tolerance. Genes, 2017, 8, 402.	2.4	36
9	Genome-wide identification and expression analysis of the BTB domain-containing protein gene family in tomato. Genes and Genomics, 2018, 40, 1-15.	1.4	32
10	Branched poly(ether ether ketone) based anion exchange membrane for H2/O2 fuel cell. International Journal of Hydrogen Energy, 2019, 44, 23750-23761.	7.1	31
11	Facilitating ionic conduction for anion exchange membrane via employing star-shaped block copolymer. Journal of Membrane Science, 2021, 630, 119290.	8.2	31
12	Genome-Wide Characterization and Analysis of Metallothionein Family Genes That Function in Metal Stress Tolerance in Brassica napus L.. International Journal of Molecular Sciences, 2018, 19, 2181.	4.1	30
13	Molecular Characterization of Six Tissue-Specific or Stress-Inducible Genes of NAC Transcription Factor Family in Tomato (Solanum lycopersicum). Journal of Plant Growth Regulation, 2014, 33, 730-744.	5.1	27
14	Salt stress response of membrane proteome of sugar beet monosomic addition line M14. Journal of Proteomics, 2015, 127, 18-33.	2.4	25
15	Bis-ammonium immobilized polystyrenes with co-catalyzing functional end groups as efficient and reusable heterogeneous catalysts for synthesis of cyclic carbonate from CO₂ and epoxides. RSC Advances, 2016, 6, 2217-2224.	3.6	25
16	Genome-wide characterization of the cellulose synthase gene superfamily in Solanum lycopersicum. Gene, 2019, 688, 71-83.	2.2	24
17	Improvement of alkaline stability for hydroxide exchange membranes by the interactions between strongly polar nitrile groups and functional cations. Journal of Membrane Science, 2017, 533, 121-129.	8.2	23
18	Tandem 13-Lipoxygenase Genes in a Cluster Confers Yellow-Green Leaf in Cucumber. International Journal of Molecular Sciences, 2019, 20, 3102.	4.1	22

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19	Electrochemical characteristics of the decolorization of three dyes by laccase mediator system (LMS) with synthetic and natural mediators. Chemosphere, 2020, 239, 124779.	8.2	22
20	Bis(oxazoline)-derived N-heterocyclic carbene ligated rare-earth metal complexes: synthesis, structure, and polymerization performance. Dalton Transactions, 2018, 47, 13815-13823.	3.3	21
21	Recent Advances in Rare Earth Complexes Containing N-Heterocyclic Carbenes: Synthesis, Reactivity, and Applications in Polymerization. Catalysts, 2020, 10, 71.	3.5	21
22	Boosting the oxygen evolution electrocatalysis of high-entropy hydroxides by high-valence nickel species regulation. Chemical Communications, 2022, 58, 7682-7685.	4.1	20
23	The control and optimization of macro/micro-structure of ion conductive membranes for energy conversion and storage. Chinese Journal of Chemical Engineering, 2016, 24, 558-571.	3.5	19
24	Anilido-oxazoline-ligated rare-earth metal complexes: synthesis, characterization and highly cis-1,4-selective polymerization of isoprene. Dalton Transactions, 2019, 48, 3583-3592.	3.3	18
25	Genome-wide identification of C2H2 zinc-finger genes and their expression patterns under heat stress in tomato (Solanum lycopersicum L.). PeerJ, 2019, 7, e7929.	2.0	18
26	Cucumber Metallothionein-Like 2 (CsMTL2) Exhibits Metal-Binding Properties. Genes, 2016, 7, 106.	2.4	16
27	Benzimidazolium functionalized polysulfone-based anion exchange membranes with improved alkaline stability. Chinese Journal of Polymer Science (English Edition), 2018, 36, 129-138.	3.8	15
28	Novel Electron-Rich and Sterically Hindered Phosphonium as a Highly Efficient and Recyclable Heterogeneous Catalyst for CO₂ Cycloaddition. Industrial & Engineering Chemistry Research, 2018, 57, 3195-3203.	3.7	14
29	Highly active rare-earth metal catalysts for heteroselective ring-opening polymerization of racemic lactide. Dalton Transactions, 2019, 48, 9079-9088.	3.3	14
30	Genome-Wide Analysis of the Protein Phosphatase 2C Genes in Tomato. Genes, 2022, 13, 604.	2.4	14
31	Quaternary-ammonium-immobilized polystyrenes as efficient and reusable heterogeneous catalysts for synthesis of cyclic carbonate: Effects of linking chains and pendent hydroxyl group. Chinese Journal of Catalysis, 2017, 38, 862-871.	14.0	13
32	Lutetium and yttrium complexes supported by an anilido-oxazoline ligand for polymerization of 1,3-conjugated dienes and Îµ-caprolactone. New Journal of Chemistry, 2020, 44, 121-128.	2.8	13
33	Remarkable Stereochemistry Control in the Polymerization of Î±-Olefins Using a Simple Scandium Catalyst System. Macromolecules, 2013, 46, 8790-8796.	4.8	11
34	Bulk graft modification of polyolefin membranes by combining pre-irradiation-induced graft and supercritical CO2-swelling polymerization. Journal of Supercritical Fluids, 2008, 44, 62-70.	3.2	9
35	A tomato proline-, lysine-, and glutamic-rich type gene SpPKE1 positively regulates drought stress tolerance. Biochemical and Biophysical Research Communications, 2018, 499, 777-782.	2.1	9
36	Binuclear half-metallocene chromium(iii) complexes mediated ethylene polymerization with alkylaluminium as cocatalyst. Dalton Transactions, 2011, 40, 8643.	3.3	8

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37	Graphene enhanced transformation of lignin in laccase-ABTS system by accelerating electron transfer. Enzyme and Microbial Technology, 2018, 119, 17-23.	3.2	8
38	Selective Insertion in Copolymerization of Ethylene and Styrene Catalyzed by Halfâ€Titanocene System Bearing Ketimide Ligand: A Theoretical Study. Chinese Journal of Chemistry, 2017, 35, 1731-1738.	4.9	7
39	DFT study on 1,7-octadiene polymerization catalyzed by a non-bridged half-titanocene system. RSC Advances, 2016, 6, 69939-69946.	3.6	6
40	Photophysical investigation of methyl 2-hydroxy-3-naphthoate (MHN23) in different self-organized supramolecular assemblies of micelles and niosomes formed by nonionic surfactant. Journal of Alloys and Compounds, 2016, 686, 656-661.	5.5	6
41	Two novel anionic indiumâ€“tetracarboxylate frameworks: Syntheses, structures and photoluminescent properties. Polyhedron, 2016, 117, 513-517.	2.2	5
42	Hierarchical particle-on-sheet CoP fabricated by direct phosphorization of Co(OH)2/ZIF-67 hybrid for boosting hydrogen evolution electrocatalysis. Inorganic Chemistry Communication, 2021, 134, 109058.	3.9	5
43	Transcriptome analysis provides the first insight into the molecular basis of temperature plasticity in Banggai cardinalfish, Pterapogon kauderni. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 40, 100909.	1.0	4
44	Interface engineering in the Î±-Co(OH)₂/ZIF-67 heterostructure for enhanced oxygen evolution electrocatalysis. New Journal of Chemistry, 2021, 45, 10199-10203.	2.8	4
45	Theoretical Study on Ethylene Polymerization Catalyzed by Half-Titanocenes Bearing Different Ancillary Groups. Catalysts, 2021, 11, 1392.	3.5	4
46	Combined ultrafast spectroscopic and TDDFT theoretical studies on dual fluorescence emissions promoted by ligand-to-metal charge transfer (LMCT) excited states of tungsten-containing organometallic complexes. Chemical Physics Letters, 2020, 748, 137396.	2.6	3
47	Coordination Polymerization of Î±,Ï‰-Dienes Using Single-Site Metal Catalysts. Mini-Reviews in Organic Chemistry, 2016, 13, 349-362.	1.3	3
48	FNDC5/irisin facilitates muscleâ^'adiposeâ^'bone connectivity through ubiquitination-dependent activation of runt-related transcriptional factors RUNX1/2. Journal of Biological Chemistry, 2022, 298, 101679.	3.4	3
49	Coordination-promoted photoluminescence induced by configuration twisting regulation. Journal of Luminescence, 2021, 231, 117783.	3.1	2