

# Yu Pan

## List of Publications by Year in descending order

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49  
papers

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361413  
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434195  
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docs citations

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times ranked

1422  
citing authors

#	ARTICLE	IF	CITATIONS
1	FNDC5/irisin facilitates muscleâadiposeâbone connectivity through ubiquitination-dependent activation of runt-related transcriptional factors RUNX1/2. <i>Journal of Biological Chemistry</i> , 2022, 298, 101679.	3.4	3
2	Genome-Wide Analysis of the Protein Phosphatase 2C Genes in Tomato. <i>Genes</i> , 2022, 13, 604.	2.4	14
3	Boosting the oxygen evolution electrocatalysis of high-entropy hydroxides by high-valence nickel species regulation. <i>Chemical Communications</i> , 2022, 58, 7682-7685.	4.1	20
4	Coordination-promoted photoluminescence induced by configuration twisting regulation. <i>Journal of Luminescence</i> , 2021, 231, 117783.	3.1	2
5	Facilitating ionic conduction for anion exchange membrane via employing star-shaped block copolymer. <i>Journal of Membrane Science</i> , 2021, 630, 119290.	8.2	31
6	Transcriptome analysis provides the first insight into the molecular basis of temperature plasticity in Banggai cardinalfish, <i>Pterapogon kauderni</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100909.	1.0	4
7	Interface engineering in the $\text{Co}(\text{OH})_2/\text{ZIF-67}$ heterostructure for enhanced oxygen evolution electrocatalysis. <i>New Journal of Chemistry</i> , 2021, 45, 10199-10203.	2.8	4
8	Theoretical Study on Ethylene Polymerization Catalyzed by Half-Titanocenes Bearing Different Ancillary Groups. <i>Catalysts</i> , 2021, 11, 1392.	3.5	4
9	Hierarchical particle-on-sheet CoP fabricated by direct phosphorization of $\text{Co}(\text{OH})_2/\text{ZIF-67}$ hybrid for boosting hydrogen evolution electrocatalysis. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109058.	3.9	5
10	Electrochemical characteristics of the decolorization of three dyes by laccase mediator system (LMS) with synthetic and natural mediators. <i>Chemosphere</i> , 2020, 239, 124779.	8.2	22
11	Recent Advances in Rare Earth Complexes Containing N-Heterocyclic Carbenes: Synthesis, Reactivity, and Applications in Polymerization. <i>Catalysts</i> , 2020, 10, 71.	3.5	21
12	Lutetium and yttrium complexes supported by an anilido-oxazoline ligand for polymerization of 1,3-conjugated dienes and $\mu$ -caprolactone. <i>New Journal of Chemistry</i> , 2020, 44, 121-128.	2.8	13
13	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. <i>Chemical Physics Letters</i> , 2020, 748, 137396.	2.6	3
14	Branched poly(ether ether ketone) based anion exchange membrane for $\text{H}_2/\text{O}_2$ fuel cell. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23750-23761.	7.1	31
15	Anilido-oxazoline-ligated rare-earth metal complexes: synthesis, characterization and highly <i>cis</i> -1,4-selective polymerization of isoprene. <i>Dalton Transactions</i> , 2019, 48, 3583-3592.	3.3	18
16	Tandem 13-Lipoxygenase Genes in a Cluster Confers Yellow-Green Leaf in Cucumber. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3102.	4.1	22
17	Highly active rare-earth metal catalysts for heteroselective ring-opening polymerization of racemic lactide. <i>Dalton Transactions</i> , 2019, 48, 9079-9088.	3.3	14
18	Genome-wide characterization of the cellulose synthase gene superfamily in <i>Solanum lycopersicum</i> . <i>Gene</i> , 2019, 688, 71-83.	2.2	24

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19	Genome-wide identification of C2H2 zinc-finger genes and their expression patterns under heat stress in tomato ( <i>Solanum lycopersicum</i> L.). <i>PeerJ</i> , 2019, 7, e7929.	2.0	18
20	A tomato proline-, lysine-, and glutamic-rich type gene SpPKE1 positively regulates drought stress tolerance. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 777-782.	2.1	9
21	Novel Electron-Rich and Sterically Hindered Phosphonium as a Highly Efficient and Recyclable Heterogeneous Catalyst for CO <sub>2</sub> Cycloaddition. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 3195-3203.	3.7	14
22	Hydrophilic side chain assisting continuous ion-conducting channels for anion exchange membranes. <i>Journal of Membrane Science</i> , 2018, 552, 286-294.	8.2	71
23	Benzimidazolium functionalized polysulfone-based anion exchange membranes with improved alkaline stability. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 129-138.	3.8	15
24	Genome-wide identification and expression analysis of the BTB domain-containing protein gene family in tomato. <i>Genes and Genomics</i> , 2018, 40, 1-15.	1.4	32
25	Genome-Wide Characterization and Analysis of Metallothionein Family Genes That Function in Metal Stress Tolerance in <i>Brassica napus</i> L.. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2181.	4.1	30
26	Bis(oxazoline)-derived N-heterocyclic carbene ligated rare-earth metal complexes: synthesis, structure, and polymerization performance. <i>Dalton Transactions</i> , 2018, 47, 13815-13823.	3.3	21
27	Graphene enhanced transformation of lignin in laccase-ABTS system by accelerating electron transfer. <i>Enzyme and Microbial Technology</i> , 2018, 119, 17-23.	3.2	8
28	Three-dimensional porous ZnCo <sub>2</sub> O <sub>4</sub> sheet array coated with Ni(OH) <sub>2</sub> for high-performance asymmetric supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 50-56.	9.4	55
29	Quaternary-ammonium-immobilized polystyrenes as efficient and reusable heterogeneous catalysts for synthesis of cyclic carbonate: Effects of linking chains and pendent hydroxyl group. <i>Chinese Journal of Catalysis</i> , 2017, 38, 862-871.	14.0	13
30	Improvement of alkaline stability for hydroxide exchange membranes by the interactions between strongly polar nitrile groups and functional cations. <i>Journal of Membrane Science</i> , 2017, 533, 121-129.	8.2	23
31	Selective Insertion in Copolymerization of Ethylene and Styrene Catalyzed by Half-Titanocene System Bearing Ketimide Ligand: A Theoretical Study. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1731-1738.	4.9	7
32	SlbZIP38, a Tomato bZIP Family Gene Downregulated by Abscisic Acid, Is a Negative Regulator of Drought and Salt Stress Tolerance. <i>Genes</i> , 2017, 8, 402.	2.4	36
33	Cucumber Metallothionein-Like 2 (CsMTL2) Exhibits Metal-Binding Properties. <i>Genes</i> , 2016, 7, 106.	2.4	16
34	DFT study on 1,7-octadiene polymerization catalyzed by a non-bridged half-titanocene system. <i>RSC Advances</i> , 2016, 6, 69939-69946.	3.6	6
35	Constructing a rigid crosslinked structure for enhanced conductivity of imidazolium functionalized polysulfone hydroxide exchange membrane. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 10923-10934.	7.1	36
36	A bismuth oxide nanosheet-coated electrospun carbon nanofiber film: a free-standing negative electrode for flexible asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16635-16644.	10.3	124

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37	Photophysical investigation of methyl 2-hydroxy-3-naphthoate (MHN23) in different self-organized supramolecular assemblies of micelles and niosomes formed by nonionic surfactant. <i>Journal of Alloys and Compounds</i> , 2016, 686, 656-661.	5.5	6
38	Two novel anionic indium tetracarboxylate frameworks: Syntheses, structures and photoluminescent properties. <i>Polyhedron</i> , 2016, 117, 513-517.	2.2	5
39	Poly(2,6-dimethyl-1,4-phenylene oxide) containing imidazolium-terminated long side chains as hydroxide exchange membranes with improved conductivity. <i>Journal of Membrane Science</i> , 2016, 518, 159-167.	8.2	48
40	The control and optimization of macro/micro-structure of ion conductive membranes for energy conversion and storage. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 558-571.	3.5	19
41	Bis-ammonium immobilized polystyrenes with co-catalyzing functional end groups as efficient and reusable heterogeneous catalysts for synthesis of cyclic carbonate from CO <sub>2</sub> and epoxides. <i>RSC Advances</i> , 2016, 6, 2217-2224.	3.6	25
42	Coordination Polymerization of $\beta$ -Dienes Using Single-Site Metal Catalysts. <i>Mini-Reviews in Organic Chemistry</i> , 2016, 13, 349-362.	1.3	3
43	Salt stress response of membrane proteome of sugar beet monosomic addition line M14. <i>Journal of Proteomics</i> , 2015, 127, 18-33.	2.4	25
44	Molecular Characterization of Six Tissue-Specific or Stress-Inducible Genes of NAC Transcription Factor Family in Tomato ( <i>Solanum lycopersicum</i> ). <i>Journal of Plant Growth Regulation</i> , 2014, 33, 730-744.	5.1	27
45	Bis(oxazolanyl)phenyl-Ligated Rare-Earth-Metal Complexes: Highly Regioselective Catalysts for <i>cis</i> -1,4-Polymerization of Isoprene. <i>Inorganic Chemistry</i> , 2013, 52, 2802-2808.	4.0	58
46	Remarkable Stereochemistry Control in the Polymerization of $\alpha$ -Olefins Using a Simple Scandium Catalyst System. <i>Macromolecules</i> , 2013, 46, 8790-8796.	4.8	11
47	Binuclear half-metallocene chromium(III) complexes mediated ethylene polymerization with alkylaluminum as cocatalyst. <i>Dalton Transactions</i> , 2011, 40, 8643.	3.3	8
48	N-heterocyclic Carbene Scandium Complexes: Synthesis, Structure, and Catalytic Performance for $\alpha$ -Olefin Polymerization and Copolymerization with 1,5-Hexadiene. <i>Organometallics</i> , 2011, 30, 5687-5694.	2.3	36
49	Bulk graft modification of polyolefin membranes by combining pre-irradiation-induced graft and supercritical CO <sub>2</sub> -swelling polymerization. <i>Journal of Supercritical Fluids</i> , 2008, 44, 62-70.	3.2	9