

Fei Chen

List of Publications by Year in descending order

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49
papers

1,567
citations

279798

23
h-index

302126

39
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51
all docs

51
docs citations

51
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Conducting Polyaniline Nanoparticles and Their Dispersion for Waterborne Corrosion Protection Coatings. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2694-2702.	8.0	183
2	Synthesis of Isoxazoline-Functionalized Phenanthridines via Iminoxyl Radical-Participated Cascade Sequence. <i>Organic Letters</i> , 2014, 16, 6476-6479.	4.6	91
3	<i>tert</i> -Butyl Hydroperoxide (TBHP)-Initiated Vicinal Sulfonation of Alkynes: A Radical Annulation toward 3-Sulfonylindoles. <i>Organic Letters</i> , 2016, 18, 3330-3333.	4.6	79
4	Well-defined graphene/polyaniline flake composites for high performance supercapacitors. <i>Electrochimica Acta</i> , 2012, 76, 62-68.	5.2	77
5	Iminoxyl Radical-Promoted Oxycyanation and Aminocyanation of Unactivated Alkenes: Synthesis of Cyano-Featured Isoxazolines and Cyclic Nitrones. <i>Organic Letters</i> , 2017, 19, 3255-3258.	4.6	67
6	Dioxygen Activation via Cu-Catalyzed Cascade Radical Reaction: An Approach to Isoxazoline/Cyclic Nitrone-Featured α -Ketols. <i>ACS Catalysis</i> , 2017, 7, 7830-7834.	11.2	67
7	Synthesis of Isoxazoline/Cyclic Nitrone-Featured Methylenes Using Unsaturated Ketoximes: A Dual Role of TEMPO. <i>Journal of Organic Chemistry</i> , 2016, 81, 3042-3050.	3.2	66
8	A Structural Gel Composite Enabled Robust Underwater Mechanosensing Strategy with High Sensitivity. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	66
9	TEMPO-Mediated Aza-Diels-Alder Reaction: Synthesis of Tetrahydropyridazines Using Ketohydrazones and Olefins. <i>Organic Letters</i> , 2016, 18, 2070-2073.	4.6	63
10	Cu-Catalyzed [3 + 3] Annulation for the Synthesis of Pyrimidines via \hat{I}^2 -C(sp ³)-H Functionalization of Saturated Ketones. <i>Journal of Organic Chemistry</i> , 2016, 81, 11994-12000.	3.2	61
11	Viscosity of PMMA on Silica: Epitome of Systems with Strong Polymer-Substrate Interactions. <i>Macromolecules</i> , 2013, 46, 7889-7893.	4.8	52
12	<i>tert</i> -Butyl nitrite-mediated vicinal sulfoximation of alkenes with sulfinic acids: a highly efficient approach toward α -sulfonyl ketoximes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 135-139.	4.5	49
13	Cu-Catalyzed Oxyalkynylation and Aminoalkynylation of Unactivated Alkenes: Synthesis of Alkynyl-Featured Isoxazolines and Cyclic Nitrones. <i>Organic Letters</i> , 2018, 20, 2960-2963.	4.6	47
14	Patterned Blade Coating Strategy Enables the Enhanced Device Reproducibility and Optimized Morphology of Organic Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2100098.	19.5	47
15	Cu-Catalyzed Radical Cascade Annulations of Alkyne-Tethered <i>N</i> -Alkoxyamides with Air: Facile Access to Isoxazolidine/1,2-Oxazinane-Fused Isoquinolin-1(2 <i>H</i>)-ones. <i>ACS Catalysis</i> , 2018, 8, 8925-8931.	11.2	44
16	Glass Transition Temperature of Polymer-Nanoparticle Composites: Effect of Polymer-Particle Interfacial Energy. <i>Macromolecules</i> , 2013, 46, 4663-4669.	4.8	38
17	Viscosity and Surface-Promoted Slippage of Thin Polymer Films Supported by a Solid Substrate. <i>Macromolecules</i> , 2015, 48, 5034-5039.	4.8	38
18	Copper-Catalyzed Cascade Cyclization of 1,7-Enynes toward Trifluoromethyl-Substituted α -Spiro[azirine-2,4-quinolin]-2(3 <i>H</i>)-ones. <i>Organic Letters</i> , 2017, 19, 5186-5189.	4.6	38

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19	The Surface Mobility of Glasses. <i>Science</i> , 2014, 343, 975-976.	12.6	36
20	Synthesis of isoxazoline-featured oxindoles by iminoxyl radical-promoted cascade oxyalkylation/alkylarylation of alkenes. <i>Organic Chemistry Frontiers</i> , 2016, 3, 184-189.	4.5	35
21	Electrochemical Synthesis and Charge Transport Properties of CdS Nanocrystalline Thin Films with a Conifer-like Structure. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11911-11917.	3.1	30
22	$\text{Ti-Nb}_2\text{O}_5$ nanoparticle enabled pseudocapacitance with fast Li-ion intercalation. <i>Nanoscale</i> , 2018, 10, 14165-14170.	5.6	29
23	Confinement Effect on the Effective Viscosity of Plasticized Polymer Films. <i>Macromolecules</i> , 2015, 48, 7719-7726.	4.8	24
24	Iron-Catalyzed Silylation and Spirocyclization of Biarylones: A Radical Cascade Process toward Silylated Spiro[5.5]trienones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1537-1542.	4.3	21
25	Molecular-weight dependent T_g depression of silica-supported poly(α -methyl styrene) films. <i>Journal of Non-Crystalline Solids</i> , 2015, 407, 296-301.	3.1	19
26	Co_2 Nanoparticles-Decorated MoS_2/rGO Nanosheets as An Efficient Electrocatalyst for Ultrafast Hydrogen Evolution. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	19
27	Supramolecular Network Structured Gel Polymer Electrolyte with High Ionic Conductivity for Lithium Metal Batteries. <i>Small</i> , 2022, 18, e2106352.	10.0	19
28	High electrically conductive polyaniline/partially phosphorylated poly(vinyl alcohol) composite films via aqueous dispersions. <i>Macromolecular Research</i> , 2011, 19, 883-890.	2.4	18
29	Unexpected thermal annealing effects on the viscosity of polymer nanocomposites. <i>Soft Matter</i> , 2017, 13, 5341-5354.	2.7	16
30	Coarse-Grained Molecular Dynamics Simulations of the Breakage and Recombination Behaviors of Surfactant Micelles. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 9018-9027.	3.7	16
31	Synthesis of acrylate modified vinyl chloride and vinyl isobutyl ether copolymers and their properties. <i>Progress in Organic Coatings</i> , 2010, 67, 60-65.	3.9	12
32	Preparation of polyaniline/phosphorylated poly(vinyl alcohol) nanoparticles and their aqueous redispersion stability. <i>AIChE Journal</i> , 2011, 57, 599-605.	3.6	12
33	Conducting polyaniline nanoparticles encapsulated with polyacrylate via emulsifier-free seeded emulsion polymerization and their electroactive films. <i>Chemical Engineering Journal</i> , 2011, 168, 964-971.	12.7	11
34	Enhanced drag reduction performance by interactions of surfactants and polymers. <i>Chemical Engineering Science</i> , 2021, 232, 116336.	3.8	11
35	Effective Viscosity of Lightly UVO-Treated Polystyrene Films on Silicon with Different Molecular Weights. <i>Macromolecules</i> , 2019, 52, 877-885.	4.8	10
36	Weakening or losing of surfactant drag reduction ability: A coarse-grained molecular dynamics study. <i>Chemical Engineering Science</i> , 2020, 219, 115610.	3.8	10

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37	Polymerized Ionic Networks Solid Electrolyte with High Ionic Conductivity for Lithium Batteries. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 4630-4638.	3.7	9
38	Energy analysis of a surfactant micelle's deformation by coarse-grained molecular dynamics simulations. <i>Chemical Engineering Science</i> , 2019, 202, 138-145.	3.8	8
39	Oxoammonium Salt-Mediated Vicinal Oxyazidation of Alkenes with NaN_3 : Access to α -Aminoxy Azides. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5079-5084.	4.3	7
40	Interfacial Interaction Enhanced Rheological Behavior in PAM/CTAC/Salt Aqueous Solution—A Coarse-Grained Molecular Dynamics Study. <i>Polymers</i> , 2020, 12, 265.	4.5	5
41	Oxoammonium Salt-Mediated Regioselective Vicinal Dioxidation of Alkenes: Relying on Transient and Persistent Nitroxides. <i>Organic Letters</i> , 2021, 23, 8533-8538.	4.6	5
42	Dynamics and Structure Formation of Confined Polymer Thin Films Supported on Solid Substrates. <i>Polymers</i> , 2021, 13, 1621.	4.5	3
43	Equilibrium Pathway of Ultrathin Polymer Films as Revealed by Their Surface Dynamics. <i>Soft and Biological Matter</i> , 2015, , 25-46.	0.3	3
44	Urushiol-Induced Hydrogels with Long-Term Durability and Long Service Lifespan in Mechanosensation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 17534-17544.	3.7	3
45	Thermal-induced slippage of soft solid films. <i>Physical Review E</i> , 2019, 99, 010501.	2.1	1
46	Polyhedral Carbon Anchored on Carbon Nanosheet with Abundant Atomic Fe Moieties for Oxygen Reduction. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	1
47	GUS Aerogel Modified Phenolic Nanocomposites: Effects of Inhomogeneous Cross-Linking Characteristics and Interfacial Phase Properties on the Mechanical Behavior. <i>Macromolecules</i> , 2022, 55, 5879-5891.	4.8	1
48	Influence of Salts on Morphology of Structures in Surfactant-Polymer Solutions Explored by Coarse Grained Dynamic Simulation. <i>Mechanisms and Machine Science</i> , 2020, , 879-884.	0.5	0
49	Polyhedral Carbon Anchored on Carbon Nanosheet with Abundant Atomic Fe Moieties for Oxygen Reduction (Adv. Mater. Interfaces 15/2022). <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	0