Fei Chen

List of Publications by Year
in descending order

49	1,567	279798 23	302126 39
papers	citations	h-index	g-index

51	51	51	1766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CoS₂ Nanoparticlesâ€Decorated MoS₂/rGO Nanosheets as An Efficient Electrocatalyst for Ultrafast Hydrogen Evolution. Advanced Materials Interfaces, 2022, 9, .	3.7	19
2	Supramolecular Network Structured Gel Polymer Electrolyte with High Ionic Conductivity for Lithium Metal Batteries. Small, 2022, 18, e2106352.	10.0	19
3	Ironâ€Catalyzed Silylation and Spirocyclization of Biarylâ€Ynones: A Radical Cascade Process toward Silylated Spiro[5.5]trienones. Advanced Synthesis and Catalysis, 2022, 364, 1537-1542.	4.3	21
4	A Structural Gel Composite Enabled Robust Underwater Mechanosensing Strategy with High Sensitivity. Advanced Functional Materials, 2022, 32, .	14.9	66
5	Polyhedral Carbon Anchored on Carbon Nanosheet with Abundant Atomic Feâ€N_x Moieties for Oxygen Reduction. Advanced Materials Interfaces, 2022, 9, .	3.7	1
6	Polyhedral Carbon Anchored on Carbon Nanosheet with Abundant Atomic Feâ€N_x Moieties for Oxygen Reduction (Adv. Mater. Interfaces 15/2022). Advanced Materials Interfaces, 2022, 9, .	3.7	0
7	GUS Aerogel Modified Phenolic Nanocomposites: Effects of Inhomogeneous Cross-Linking Characteristics and Interfacial Phase Properties on the Mechanical Behavior. Macromolecules, 2022, 55, 5879-5891.	4.8	1
8	Enhanced drag reduction performance by interactions of surfactants and polymers. Chemical Engineering Science, 2021, 232, 116336.	3.8	11
9	Patterned Blade Coating Strategy Enables the Enhanced Device Reproducibility and Optimized Morphology of Organic Solar Cells. Advanced Energy Materials, 2021, 11, 2100098.	19.5	47
10	Polymerized Ionic Networks Solid Electrolyte with High Ionic Conductivity for Lithium Batteries. Industrial & Engineering Chemistry Research, 2021, 60, 4630-4638.	3.7	9
11	Dynamics and Structure Formation of Confined Polymer Thin Films Supported on Solid Substrates. Polymers, 2021, 13, 1621.	4.5	3
12	Oxoammonium Saltâ€Mediated Vicinal Oxyazidation of Alkenes with NaN₃: Access to Î²â€Aminooxy Azides. Advanced Synthesis and Catalysis, 2021, 363, 5079-5084.	4.3	7
13	Oxoammonium Salt-Mediated Regioselective Vicinal Dioxidation of Alkenes: Relying on Transient and Persistent Nitroxides. Organic Letters, 2021, 23, 8533-8538.	4.6	5
14	Urushiol-Induced Hydrogels with Long-Term Durability and Long Service Lifespan in Mechanosensation. Industrial & Engineering Chemistry Research, 2021, 60, 17534-17544.	3.7	3
15	Weakening or losing of surfactant drag reduction ability: A coarse-grained molecular dynamics study. Chemical Engineering Science, 2020, 219, 115610.	3.8	10
16	Interfacial Interaction Enhanced Rheological Behavior in PAM/CTAC/Salt Aqueous Solutionâ€”A Coarse-Grained Molecular Dynamics Study. Polymers, 2020, 12, 265.	4.5	5
17	Influence of Salts on Morphology of Structures in Surfactant-Polymer Solutions Explored by Coarse Grained Dynamic Simulation. Mechanisms and Machine Science, 2020, , 879-884.	0.5	0
18	Thermal-induced slippage of soft solid films. Physical Review E, 2019, 99, 010501.	2.1	1

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19	Energy analysis of a surfactant micelleâ€™s deformation by coarse-grained molecular dynamics simulations. Chemical Engineering Science, 2019, 202, 138-145.	3.8	8
20	Effective Viscosity of Lightly UVO-Treated Polystyrene Films on Silicon with Different Molecular Weights. Macromolecules, 2019, 52, 877-885.	4.8	10
21	Cu-Catalyzed Oxyalkynylation and Aminoalkynylation of Unactivated Alkenes: Synthesis of Alkynyl-Featured Isoxazolines and Cyclic Nitrones. Organic Letters, 2018, 20, 2960-2963.	4.6	47
22	T-Nb₂O₅ nanoparticle enabled pseudocapacitance with fast Li-ion intercalation. Nanoscale, 2018, 10, 14165-14170.	5.6	29
23	Coarse-Grained Molecular Dynamics Simulations of the Breakage and Recombination Behaviors of Surfactant Micelles. Industrial & Engineering Chemistry Research, 2018, 57, 9018-9027.	3.7	16
24	Cu-Catalyzed Radical Cascade Annulations of Alkyne-Tethered N-Alkoxyamides with Air: Facile Access to Isoxazolidine/1,2-Oxazinane-Fused Isoquinolin-1(2H)-ones. ACS Catalysis, 2018, 8, 8925-8931.	11.2	44
25	Iminoxyl Radical-Promoted Oxycyanation and Aminocyanation of Unactivated Alkenes: Synthesis of Cyano-Featured Isoxazolines and Cyclic Nitrones. Organic Letters, 2017, 19, 3255-3258.	4.6	67
26	Dioxygen Activation via Cu-Catalyzed Cascade Radical Reaction: An Approach to Isoxazoline/Cyclic Nitrone-Featured Î±-Ketols. ACS Catalysis, 2017, 7, 7830-7834.	11.2	67
27	Copper-Catalyzed Cascade Cyclization of 1,7-Enynes toward Trifluoromethyl-Substituted 1â€²H-Spiro[azirine-2,4â€²-quinolin]-2â€²(3â€²H)-ones. Organic Letters, 2017, 19, 5186-5189.	4.6	38
28	Unexpected thermal annealing effects on the viscosity of polymer nanocomposites. Soft Matter, 2017, 13, 5341-5354.	2.7	16
29	tert-Butyl nitrite-mediated vicinal sulfoximation of alkenes with sulfinic acids: a highly efficient approach toward Î±-sulfonyl ketoximes. Organic Chemistry Frontiers, 2017, 4, 135-139.	4.5	49
30	TEMPO-Mediated Aza-Dielsâ€“Alder Reaction: Synthesis of Tetrahydropyridazines Using Ketohydrazones and Olefins. Organic Letters, 2016, 18, 2070-2073.	4.6	63
31	Cu-Catalyzed [3 + 3] Annulation for the Synthesis of Pyrimidines via Î²-C(sp³)â€“H Functionalization of Saturated Ketones. Journal of Organic Chemistry, 2016, 81, 11994-12000.	3.2	61
32	tert-Butyl Hydroperoxide (TBHP)-Initiated Vicinal Sulfonamination of Alkynes: A Radical Annulation toward 3-Sulfonylindoles. Organic Letters, 2016, 18, 3330-3333.	4.6	79
33	Synthesis of isoxazoline-featured oxindoles by iminoxyl radical-promoted cascade oxyalkylation/alkylarylation of alkenes. Organic Chemistry Frontiers, 2016, 3, 184-189.	4.5	35
34	Synthesis of Isoxazoline/Cyclic Nitrone-Featured Methylenes Using Unsaturated Ketoximes: A Dual Role of TEMPO. Journal of Organic Chemistry, 2016, 81, 3042-3050.	3.2	66
35	Viscosity and Surface-Promoted Slippage of Thin Polymer Films Supported by a Solid Substrate. Macromolecules, 2015, 48, 5034-5039.	4.8	38
36	Confinement Effect on the Effective Viscosity of Plasticized Polymer Films. Macromolecules, 2015, 48, 7719-7726.	4.8	24

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37	Molecular-weight dependent Tg depression of silica-supported poly(Î±-methyl styrene) films. Journal of Non-Crystalline Solids, 2015, 407, 296-301.	3.1	19
38	Equilibrium Pathway of Ultrathin Polymer Films as Revealed by Their Surface Dynamics. Soft and Biological Matter, 2015, , 25-46.	0.3	3
39	The Surface Mobility of Glasses. Science, 2014, 343, 975-976.	12.6	36
40	Synthesis of Isoxazoline-Functionalized Phenanthridines via Iminoxyl Radical-Participated Cascade Sequence. Organic Letters, 2014, 16, 6476-6479.	4.6	91
41	Glass Transition Temperature of Polymerâ€“Nanoparticle Composites: Effect of Polymerâ€“Particle Interfacial Energy. Macromolecules, 2013, 46, 4663-4669.	4.8	38
42	Viscosity of PMMA on Silica: Epitome of Systems with Strong Polymerâ€“Substrate Interactions. Macromolecules, 2013, 46, 7889-7893.	4.8	52
43	Well-defined graphene/polyaniline flake composites for high performance supercapacitors. Electrochimica Acta, 2012, 76, 62-68.	5.2	77
44	Conducting Polyaniline Nanoparticles and Their Dispersion for Waterborne Corrosion Protection Coatings. ACS Applied Materials & Interfaces, 2011, 3, 2694-2702.	8.0	183
45	High electrically conductive polyaniline/partially phosphorylated poly(vinyl alcohol) composite films via aqueous dispersions. Macromolecular Research, 2011, 19, 883-890.	2.4	18
46	Preparation of polyaniline/phosphorylated poly(vinyl alcohol) nanoparticles and their aqueous redispersion stability. AICHE Journal, 2011, 57, 599-605.	3.6	12
47	Conducting polyaniline nanoparticles encapsulated with polyacrylate via emulsifier-free seeded emulsion polymerization and their electroactive films. Chemical Engineering Journal, 2011, 168, 964-971.	12.7	11
48	Synthesis of acrylate modified vinyl chloride and vinyl isobutyl ether copolymers and their properties. Progress in Organic Coatings, 2010, 67, 60-65.	3.9	12
49	Electrochemical Synthesis and Charge Transport Properties of CdS Nanocrystalline Thin Films with a Conifer-like Structure. Journal of Physical Chemistry C, 2010, 114, 11911-11917.	3.1	30