

Qichun Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

475
papers

30,681
citations

97
h-index

157
g-index

523
ext. papers

35,861
ext. citations

7.7
avg, IF

7.99
L-index

#	Paper	IF	Citations
475	Sulfur-modified chitosan derived N,S-co-doped carbon as a bifunctional material for adsorption and catalytic degradation sulfamethoxazole by persulfate. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127270	12.8	4
474	Hetero-aggregation-induced Tunable Emission (HAITE) Through Cocrystal Strategy 2022 , 273-310		0
473	Recent Progress in Emerging Organic Semiconductors. <i>Advanced Materials</i> , 2022 , 34, 2108701	24	7
472	Carbon tube-graphene heterostructure with different N-doping configurations induces an electrochemically active-active interface for efficient oxygen electrocatalysis. <i>Chemical Engineering Journal</i> , 2021 , 431, 133730	14.7	2
471	Synthesis of Surface-Mounted Novel Nickel(II) Trimer-Based MOF on Nickel Oxide Hydroxide Heterostructures for Enhanced Methanol Electro-Oxidation.. <i>Frontiers in Chemistry</i> , 2021 , 9, 780688	5	0
470	Efficient persulfate activation catalyzed by pyridinic N, C-OH, and thiophene S on N,S-co-doped carbon for nonradical sulfamethoxazole degradation: Identification of active sites and mechanisms. <i>Separation and Purification Technology</i> , 2021 , 284, 120197	8.3	1
469	Relationship Between Molecular Structure, Single crystal Packing and Self-Assembly Behavior: A Case Based on Pyrene Imide Derivatives. <i>Chemistry - A European Journal</i> , 2021 , 28, e202103808	4.8	0
468	Recent Progress on Two-Dimensional Materials. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , 2021 , 2108017-0	3.8	69
467	Rechargeable Sodium-Ion Battery Based on Polyazaacene Analogue Anode. <i>Chemistry - A European Journal</i> , 2021 , 27, 16754-16759	4.8	0
466	Realizing White Emission of Single-Layer Dual-Color Perovskite Light-Emitting Devices by Modulating the Electroluminescence Emission Spectra. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 10197-10203	6.4	6
465	Multi-thiol-supported dicarboxylate-based metal-organic framework with excellent performance for lithium-ion battery. <i>Chemical Engineering Journal</i> , 2021 , 133234	14.7	10
464	Toward Highly Robust Nonvolatile Multilevel Memory by Fine Tuning of the Nanostructural Crystalline Solid-State Order. <i>Small</i> , 2021 , 17, e2100102	11	9
463	Fe-Based Coordination Polymers as Battery-Type Electrodes in Semi-Solid-State Battery-Supercapacitor Hybrid Devices. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15315-15323	9.5	67
462	Hydrogen Bonding in Self-Healing Elastomers. <i>ACS Omega</i> , 2021 , 6, 9319-9333	3.9	13
461	Recent advances on π -conjugated polymers as active elements in high performance organic field-effect transistors. <i>Frontiers of Physics</i> , 2021 , 16, 1	3.7	24
460	Recent advances in vacancy engineering of metal-organic frameworks and their derivatives for electrocatalysis. <i>SusMat</i> , 2021 , 1, 66-87		87
459	Mechanical analysis of flexible integrated energy storage devices under bending by the finite element method. <i>Science China Materials</i> , 2021 , 64, 2182-2192	7.1	5

458	Frontispiece: Organic Materials as Electrodes in Potassium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2021 , 27,	4.8	1
457	Carbon material-based anodes in the microbial fuel cells 2021 , 3, 449-472		17
456	Recent Advance in Ionic-Liquid-Based Electrolytes for Rechargeable Metal-Ion Batteries. <i>Advanced Science</i> , 2021 , 8, 2004490	13.6	41
455	Advances in metal-organic frameworks and their derivatives for diverse electrocatalytic applications. <i>Electrochemistry Communications</i> , 2021 , 126, 107024	5.1	26
454	Recent progress in covalent organic frameworks as light-emitting materials. <i>Materials Today Energy</i> , 2021 , 20, 100635	7	39
453	Organic borate doped carbon nanotube for enhancement of thermoelectric performance. <i>Carbon</i> , 2021 , 182, 742-742	10.4	5
452	Anthrathiadiazole Derivatives: Synthesis, Physical Properties and Two-photon Absorption. <i>Chemistry - A European Journal</i> , 2021 , 27, 10898-10902	4.8	1
451	Recent progress in 1,4-diazafluorene-cored optoelectronic materials: A review. <i>Dyes and Pigments</i> , 2021 , 191, 109365	4.6	4
450	Multifunctional Features of Organic Charge-Transfer Complexes: Advances and Perspectives. <i>Chemistry - A European Journal</i> , 2021 , 27, 464-490	4.8	34
449	Ferrocene-based metal-organic framework as a promising cathode in lithium-ion battery. <i>Chemical Engineering Journal</i> , 2021 , 404, 126463	14.7	35
448	Shooting flexible electronics. <i>Frontiers of Physics</i> , 2021 , 16, 1	3.7	23
447	Overview of electric-field-induced deposition technology in fabricating organic thin films. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 374-394	7.1	10
446	Recent Progress in Polycyclic Aromatic Hydrocarbon-Based Organic Co-Crystals. <i>Chemical Record</i> , 2021 , 21, 116-132	6.6	4
445	Design strategies for improving the crystallinity of covalent organic frameworks and conjugated polymers: a review. <i>Materials Horizons</i> , 2021 ,	14.4	9
444	A fibrous thiazolothiazole-bridged viologen polymer for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 18506-18514	13	4
443	Recent advances in the different approaches for on-demand liquid-phase hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 18164-18174	13	21
442	synthesis of hierarchical NiCo-MOF@NiCo(OH) heterostructures for enhanced pseudocapacitor and oxygen evolution reaction performances. <i>Dalton Transactions</i> , 2021 , 50, 3060-3066	4.3	4
441	Two isomeric zeolite-like metal-organic frameworks with mechanically responsive luminescence emission and gas adsorption properties. <i>CrystEngComm</i> , 2021 , 23, 5753-5757	3.3	4

440	Recent progress on pristine two-dimensional metal-organic frameworks as active components in supercapacitors. <i>Dalton Transactions</i> , 2021 , 50, 11331-11346	4.3	47
439	Non-Metal Ion Co-Insertion Chemistry in Aqueous Zn/MnO ₂ Batteries. <i>Angewandte Chemie</i> , 2021 , 133, 7132-7136	3.6	5
438	Poly(2,5-Dihydroxy-1,4-Benzoquinonyl Sulfide) As an Efficient Cathode for High-Performance Aqueous Zinc Organic Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2010049	15.6	46
437	Our research progress in heteroaggregation and homoaggregation of organic π -conjugated systems. <i>Aggregate</i> , 2021 , 2, e35	22.9	11
436	Organic Materials as Electrodes in Potassium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2021 , 27, 6131-6144	4.8	24
435	Non-Metal Ion Co-Insertion Chemistry in Aqueous Zn/MnO Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7056-7060	16.4	36
434	Employing Equivalent Circuit Models to Study the Performance of Selenium-Based Solar Cells with Polymers as Hole Transport Layers. <i>Small</i> , 2021 , 17, e2101226	11	2
433	Recent Progress in External-Stimulus-Responsive 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2021 , e2101175	24	29
432	A universal high-efficient and reusable on-off switch for the on-demand hydrogen evolution. <i>Chemical Engineering Journal Advances</i> , 2021 , 7, 100128	3.6	5
431	Recent advances on electrochemical methods in fabricating two-dimensional organic-ligand-containing frameworks. <i>SmartMat</i> , 2021 , 2, 299-325	22.8	19
430	Simultaneous degradation of high concentration of citric acid coupled with electricity generation in dual-chamber microbial fuel cell. <i>Biochemical Engineering Journal</i> , 2021 , 173, 108095	4.2	0
429	Covalent organic framework as an efficient fluorescence-enhanced probe to detect aluminum ion. <i>Dyes and Pigments</i> , 2021 , 195, 109710	4.6	5
428	Carbonization of camphor sulfonic acid and melamine to N,S-co-doped carbon for sulfamethoxazole degradation via persulfate activation: Nonradical dominant pathway. <i>Separation and Purification Technology</i> , 2021 , 279, 119723	8.3	4
427	Effect of Crystalline Microstructure Evolution on Thermoelectric Performance of PEDOT : PSS Films. <i>Energy Material Advances</i> , 2021 , 2021, 1-10	1	8
426	Improving the hole transport performance of perovskite solar cells through adjusting the mobility of the as-synthesized conjugated polymer. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3421-3428	7.1	6
425	The design strategies and applications for organic multi-branched two-photon absorption chromophores with novel cores and branches: a recent review. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1520-1536	7.1	16
424	Recent Progress in Metal-Free Covalent Organic Frameworks as Heterogeneous Catalysts. <i>Small</i> , 2020 , 16, e2001070	11	104
423	Butterfly-like Tetraazaacenequinodimethane Derivatives: Synthesis, Structure and Halochromic Properties. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2198-2202	4.5	1

422	Recent advances in organic-based materials for resistive memory applications. <i>Information Materials</i> , 2020 , 2, 995-1033	23.1	58
421	Recent Progress in Stimulus-Responsive Two-Dimensional Metal-Organic Frameworks 2020 , 2, 779-797		103
420	Superhydrophobic n-octadecylsiloxane (PODS)-functionalized PDA-PEI film as efficient water-resistant sensor for ppb-level hexanal detection. <i>Chemical Engineering Journal</i> , 2020 , 399, 125755	14.7	14
419	Improved stability and efficiency of polymer-based selenium solar cells through the usage of tin(IV) oxide in the electron transport layers and the analysis of aging dynamics. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 14838-14845	3.6	3
418	Recent Progress in Calix[n]quinone (n=4, 6) and Pillar[5]quinone Electrodes for Secondary Rechargeable Batteries. <i>Batteries and Supercaps</i> , 2020 , 3, 476-487	5.6	23
417	Covalent-Organic Frameworks: Advanced Organic Electrode Materials for Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 1904199	21.8	240
416	Nanostructured potassium-organic framework as an effective anode for potassium-ion batteries with a long cycle life. <i>Nanoscale</i> , 2020 , 12, 7870-7874	7.7	85
415	Rational Control of Charge Transfer Excitons Toward High-Contrast Reversible Mechanoresponsive Luminescent Switching. <i>Angewandte Chemie</i> , 2020 , 132, 17733-17739	3.6	9
414	Ferrocene-Based Mixed-Valence Metal-Organic Framework as an Efficient and Stable Cathode for Lithium-Ion-Based Dual-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 32719-32725	9.5	36
413	Microbial Fuel Cells: Nanomaterials Based on Anode and Their Application. <i>Energy Technology</i> , 2020 , 8, 2000206	3.5	35
412	2D Metal-Organic Frameworks (MOFs) for High-Performance BatCap Hybrid Devices. <i>Small</i> , 2020 , 16, e2001987	11	113
411	Preparation of hierarchical hollow structures assembled from porous NiCo ₂ O ₄ nanosheets for diesel soot elimination. <i>EcoMat</i> , 2020 , 2, e12041	9.4	0
410	Hydrated Eutectic Electrolytes with Ligand-Oriented Solvation Shells for Long-Cycling Zinc-Organic Batteries. <i>Joule</i> , 2020 , 4, 1557-1574	27.8	177
409	Rational Control of Charge Transfer Excitons Toward High-Contrast Reversible Mechanoresponsive Luminescent Switching. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17580-17586	16.4	36
408	Hydrophilic engineering of VO _x -based nanosheets for ambient electrochemical ammonia synthesis at neutral pH. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5913-5918	13	27
407	Perylene Diimide Oligomer Nanoparticles with Ultrahigh Photothermal Conversion Efficiency for Cancer Theranostics.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 1607-1615	4.1	13
406	Organic Donor-Acceptor Cocrystals for Multiferroic Applications. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1252-1261	3	12
405	Two-Photon Absorption of Butterfly-Shaped Carbonyl-Bridged Twistarene. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 579-583	3	2

404	Hierarchical Self-Assembly of Polyoxometalate-Based Organo Palladium(II) Metallomacrocycles via Electrostatic Interactions. <i>Inorganic Chemistry</i> , 2020 , 59, 2458-2463	5.1	6
403	Beyond Perovskite Solar Cells: Tellurium Iodide as a Promising Light-Absorbing Material for Solution-Processed Photovoltaic Application. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1505-1509	4.5	1
402	Recent progress in efficient organic two-photon dyes for fluorescence imaging and photodynamic therapy. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 6342-6349	7.1	41
401	Porous Cobalt Metal-Organic Frameworks as Active Elements in Battery-Supercapacitor Hybrid Devices. <i>Inorganic Chemistry</i> , 2020 , 59, 6808-6814	5.1	111
400	Recent Progress in High Linearly Fused Polycyclic Conjugated Hydrocarbons (PCHs, > 6) with Well-Defined Structures. <i>Advanced Science</i> , 2020 , 7, 1903766	13.6	35
399	Recent progress in carbonyl-based organic polymers as promising electrode materials for lithium-ion batteries (LIBs). <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11906-11922	13	64
398	From isolated Ti-oxo clusters to infinite Ti-oxo chains and sheets: recent advances in photoactive Ti-based MOFs. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 15245-15270	13	143
397	Morphology regulation of metal-organic framework-derived nanostructures for efficient oxygen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18215-18219	13	79
396	Recent progress in integrated functional electrochromic energy storage devices. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 15507-15525	7.1	28
395	Calix[6]quinone as high-performance cathode for lithium-ion battery. <i>Science China Materials</i> , 2020 , 63, 339-346	7.1	22
394	IRS1/PI3K/AKT pathway signal involved in the regulation of glycolipid metabolic abnormalities by Mulberry (L.) leaf extracts in 3T3-L1 adipocytes. <i>Chinese Medicine</i> , 2020 , 15, 1	4.7	28
393	Two-fold interpenetrated Mn-based metal-organic frameworks (MOFs) as battery-type electrode materials for charge storage. <i>Dalton Transactions</i> , 2020 , 49, 411-417	4.3	69
392	Recent progress in well-defined higher azaacenes (n ≥ 6): synthesis, molecular packing, and applications. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 3419-3432	7.8	34
391	Molecular Aggregation of Naphthalene Diimide (NDI) Derivatives in Electron Transport Layers of Inverted Perovskite Solar Cells and Their Influence on the Device Performance. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 112-121	4.5	13
390	Tunable low-dimensional self-assembly of H-shaped bichromophoric perylene diimide Gemini in solution. <i>Nanoscale</i> , 2020 , 12, 3058-3067	7.7	6
389	U-Shaped Helical Azaarenes: Synthesis, Structures, and Properties. <i>Journal of Organic Chemistry</i> , 2020 , 85, 291-295	4.2	5
388	Pure Organic Semiconductor-Based Photoelectrodes for Water Splitting. <i>Solar Rrl</i> , 2020 , 4, 1900395	7.1	21
387	Insights into the Control of Optoelectronic Properties in Mixed-Stacking Charge-Transfer Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 3578-3585	4.8	20

386	Two-Dimensional (2D) Covalent Organic Framework as Efficient Cathode for Binder-free Lithium-Ion Battery. <i>ChemSusChem</i> , 2020 , 13, 2457-2463	8.3	94
385	Recent progress in metal-organic frameworks as active materials for supercapacitors. <i>EnergyChem</i> , 2020 , 2, 100025	36.9	228
384	An irreversible electrolyte anion-doping strategy toward a superior aqueous Zn-organic battery. <i>Energy Storage Materials</i> , 2020 , 33, 283-289	19.4	47
383	Enhancing the Performance of a Battery-Supercapacitor Hybrid Energy Device Through Narrowing the Capacitance Difference Between Two Electrodes via the Utilization of 2D MOF-Nanosheet-Derived Ni@Nitrogen-Doped-Carbon Core-Shell Rings as Both Negative and Positive Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 47482-47489	9.5	43
382	Nonvolatile Flexible Memory Based on a Planar Zigzag-Type Nitrogen-Doped Picene. <i>Advanced Intelligent Systems</i> , 2020 , 2, 2000155	6	6
381	Recent progress in aqueous monovalent-ion batteries with organic materials as promising electrodes. <i>Materials Today Energy</i> , 2020 , 18, 100547	7	27
380	Recent progress in the usage of tetrabromo-substituted naphthalenetetracarboxylic dianhydride as a building block to construct organic semiconductors and their applications. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3001-3026	5.2	12
379	Novel core-modulated naphthalenediimides with CN-TFPA as electron transport layer for inverted perovskite solar cells. <i>Materials Research Bulletin</i> , 2020 , 132, 111009	5.1	3
378	Carbon and carbon composites for thermoelectric applications 2020 , 2, 408-436		65
377	Inverted Solar Cells with Thermally Evaporated Selenium as an Active Layer. <i>ACS Applied Energy Materials</i> , 2020 , 3, 7345-7352	6.1	6
376	Electrochromic two-dimensional covalent organic framework with a reversible dark-to-transparent switch. <i>Nature Communications</i> , 2020 , 11, 5534	17.4	68
375	Hydrophobization of fully bio-based epoxy polymers using water as solvent: Effect of additives. <i>European Polymer Journal</i> , 2020 , 140, 110043	5.2	3
374	Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. <i>ACS Nano</i> , 2020 , 14, 15962-15972	16.7	22
373	Bis(thieno[3,2-]thieno)cyclopentafluorene-Based Acceptor with Efficient and Comparable Photovoltaic Performance under Various Processing Conditions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 49876-49885	9.5	4
372	Selenium-Based Solar Cell with Conjugated Polymers as Both Electron and Hole Transport Layers to Realize High Water Tolerance as well as Good Long-Term and Thermal Stability. <i>Solar Rrl</i> , 2020 , 4, 2000425	7.1	0
371	Improving the Fill Factor of Perovskite Solar Cells by Employing an Amine-tethered Diketopyrrolopyrrole-Based Polymer as the Dopant-free Hole Transport Layer. <i>ACS Applied Energy Materials</i> , 2020 , 3, 9600-9609	6.1	17
370	The incorporation of the ionization effect in organic semiconductors assists in triggering multilevel resistive memory behaviors. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 3280-3289	7.8	6
369	Highly Conductive Two-Dimensional Metal-Organic Frameworks for Resilient Lithium Storage with Superb Rate Capability. <i>ACS Nano</i> , 2020 , 14, 12016-12026	16.7	98

368	Flavonoids extracted from mulberry (<i>Morus alba</i> L.) leaf improve skeletal muscle mitochondrial function by activating AMPK in type 2 diabetes. <i>Journal of Ethnopharmacology</i> , 2020 , 248, 112326	5	36
367	Unexpected Synthesis, Properties, and Nonvolatile Memory Device Application of Imidazole-Fused Azaacenes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 101-107	4.2	23
366	Imide-Fused Diazatetracenes: Synthesis, Characterization, and Application in Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 4220-4225	4.8	3
365	Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. <i>Angewandte Chemie</i> , 2019 , 131, 16247-16250	3.6	11
364	Two-dimensional lead-free halide perovskite materials and devices. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 23563-23576	13	48
363	Pillar[5]quinone-Carbon Nanocomposites as High-Capacity Cathodes for Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2019 , 31, 8069-8075	9.6	57
362	Synthesis, characterization and photophysical studies of a novel polycyclic diborane. <i>New Journal of Chemistry</i> , 2019 , 43, 564-568	3.6	3
361	Recent progress in metal-organic polymers as promising electrodes for lithium/sodium rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 4259-4290	13	186
360	Effect of a fluoroalkyl-functional curing agent on the wettability, thermal and mechanical properties of hydrophobic biobased epoxy coatings. <i>Surface and Coatings Technology</i> , 2019 , 362, 274-284	4	8
359	Recent progress in ligand-centered homogeneous electrocatalysts for hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 343-354	6.8	39
358	Recent Progress in Organic Electron Transport Materials in Inverted Perovskite Solar Cells. <i>Small</i> , 2019 , 15, e1900854	11	141
357	A Conjugated Copolymer of N-Phenyl-p-phenylenediamine and Pyrene as Promising Cathode for Rechargeable Lithium-Ion Batteries. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2210-2214	4.5	16
356	Surfactants as promising media in the field of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019 , 391, 30-43	23.2	201
355	In situ synthesis of a FeS/MIL-53(Fe) hybrid catalyst for an efficient electrocatalytic hydrogen evolution reaction. <i>Chemical Communications</i> , 2019 , 55, 4570-4573	5.8	51
354	Ni- and/or Mn-based layered transition metal oxides as cathode materials for sodium ion batteries: status, challenges and countermeasures. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10138-10158	13	70
353	Recent Progress in Multivalent Metal (Mg, Zn, Ca, and Al) and Metal-Ion Rechargeable Batteries with Organic Materials as Promising Electrodes. <i>Small</i> , 2019 , 15, e1805061	11	194
352	Electronic configuration in outset orbitals of doping elements plays as a key factor in tuning near infrared reflection of YMn _{0.9} M _{0.1} O ₃ (M = Cr, Mn, Fe, Co, Al, Ga and In). <i>Journal of Solid State Chemistry</i> , 2019 , 273, 81-84	3.3	2
351	Mechanically robust hydrophobic bio-based epoxy coatings for anti-corrosion application. <i>Surface and Coatings Technology</i> , 2019 , 363, 43-50	4.4	48

350	Polymeric Graphene Bulk Materials with a 3D Cross-Linked Monolithic Graphene Network. <i>Advanced Materials</i> , 2019 , 31, e1802403	24	52
349	Recent progress in metal-organic frameworks-based hydrogels and aerogels and their applications. <i>Coordination Chemistry Reviews</i> , 2019 , 398, 213016	23.2	263
348	Waterborne bio-based epoxy coatings for the corrosion protection of metallic substrates. <i>Progress in Organic Coatings</i> , 2019 , 136, 105265	4.8	13
347	Sulfur Position in Pyrene-Based PTTIs Plays a Key Role To Determine the Performance of Perovskite Solar Cells When PTTIs Were Employed as Electron Transport Layers. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5716-5723	6.1	11
346	N,S-doped carbon dots as dual-functional modifiers to boost bio-electricity generation of individually-modified bacterial cells. <i>Nano Energy</i> , 2019 , 63, 103875	17.1	32
345	Enhancing Oxygen Evolution Reaction through Modulating Electronic Structure of Trimetallic Electrocatalysts Derived from Metal-Organic Frameworks. <i>Small</i> , 2019 , 15, e1901940	11	127
344	Nanostructured Metal-Organic Conjugated Coordination Polymers with Ligand Tailoring for Superior Rechargeable Energy Storage. <i>Small</i> , 2019 , 15, e1903188	11	40
343	Solvent-Free Synthesis and Hydrophobization of Biobased Epoxy Coatings for Anti-Icing and Anticorrosion Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 19131-19141	8.3	22
342	Influences of Structural Modification of Naphthalenediimides with Benzothiazole on Organic Field-Effect Transistor and Non-Fullerene Perovskite Solar Cell Characteristics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44487-44500	9.5	14
341	Cost-Effective Biomass Carbon/Calix[4]Quinone Composites for Lithium Ion Batteries. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4164-4168	4.5	18
340	Preparation and In Vivo Antinociceptive Behavior of Four New 2-Amino-6-trifluoromethoxybenzothiazole Carboxylic Acid Derivatives. <i>ChemistrySelect</i> , 2019 , 4, 9993-9998 ^{1,8}		
339	Highly Robust Organometallic Small-Molecule-Based Nonvolatile Resistive Memory Controlled by a Redox-Gated Switching Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40332-40338	9.5	34
338	Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16101-16104	16.4	92
337	Arylamine-coumarin based donor-acceptor dyads: Unveiling the relationship between two-photon absorption cross-section and lifetime of singlet excited state intramolecular charge separation. <i>Dyes and Pigments</i> , 2019 , 165, 301-307	4.6	9
336	Controlled deposition of large-area and highly-ordered thin films: effect of dip-coating-induced morphological evolution on resistive memory performance. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3512-3521	7.1	32
335	Organic Cocrystals: Beyond Electrical Conductivities and Field-Effect Transistors (FETs). <i>Angewandte Chemie</i> , 2019 , 131, 9798-9813	3.6	33
334	Organic Cocrystals: Beyond Electrical Conductivities and Field-Effect Transistors (FETs). <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9696-9711	16.4	143
333	Huang-Lian Jie-Du decoction: a review on phytochemical, pharmacological and pharmacokinetic investigations. <i>Chinese Medicine</i> , 2019 , 14, 57	4.7	27

332	The Role of Weak Molecular Dopants in Enhancing the Performance of Solution-Processed Organic Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800547	6.4	23
331	Recent Progress in Thermoelectric Materials Based on Conjugated Polymers. <i>Polymers</i> , 2019 , 11,	4.5	126
330	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. <i>Nature Communications</i> , 2019 , 10, 169	17.4	178
329	NDI-based small molecules as electron transporting layers in solution-processed planar perovskite solar cells. <i>Journal of Solid State Chemistry</i> , 2019 , 270, 51-57	3.3	15
328	Efficient Inverted Perovskite Solar Cells by Employing N-Type (D-A -D-A) Polymers as Electron Transporting Layer. <i>Small</i> , 2019 , 15, e1803339	11	41
327	Ladder-Type Nonacyclic Arene Bis(thieno[3,2-b]thieno)cyclopentafluorene as a Promising Building Block for Non-Fullerene Acceptors. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1814-1822	4.5	28
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