Kang Liang

List of Publications by Year
in descending order

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Version: 2024-02-01

154	11,142	31976 53	31849 101
papers	citations	h-index	g-index

159	159	159	12430
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-Step Assembly of Coordination Complexes for Versatile Film and Particle Engineering. Science, 2013, 341, 154-157.	12.6	1,683
2	Biomimetic mineralization of metal-organic frameworks as protective coatings for biomacromolecules. Nature Communications, 2015, 6, 7240.	12.8	1,077
3	MOF positioning technology and device fabrication. Chemical Society Reviews, 2014, 43, 5513-5560.	38.1	600
4	Metalâ€“Organic Frameworks at the Biointerface: Synthetic Strategies and Applications. Accounts of Chemical Research, 2017, 50, 1423-1432.	15.6	464
5	Hetero-atom-doped carbon dots: Doping strategies, properties and applications. Nano Today, 2020, 33, 100879.	11.9	318
6	Void Engineering in Metalâ€“Organic Frameworks via Synergistic Etching and Surface Functionalization. Advanced Functional Materials, 2016, 26, 5827-5834.	14.9	302
7	Immobilization and Intracellular Delivery of an Anticancer Drug Using Mussel-Inspired Polydopamine Capsules. Biomacromolecules, 2012, 13, 2225-2228.	5.4	298
8	Metalâ€“Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells. Advanced Materials, 2016, 28, 7910-7914.	21.0	254
9	Enzyme encapsulation in zeolitic imidazolate frameworks: a comparison between controlled co-precipitation and biomimetic mineralisation. Chemical Communications, 2016, 52, 473-476.	4.1	230
10	An Enzymeâ€Coated Metalâ€“Organic Framework Shell for Synthetically Adaptive Cell Survival. Angewandte Chemie - International Edition, 2017, 56, 8510-8515.	13.8	152
11	Engineering Poly(ethylene glycol) Particles for Improved Biodistribution. ACS Nano, 2015, 9, 1571-1580.	14.6	148
12	Improving the Acidic Stability of Zeolitic Imidazolate Frameworks by Biofunctional Molecules. CheM, 2019, 5, 1597-1608.	11.7	148
13	Carbon-based SERS biosensor: from substrate design to sensing and bioapplication. NPG Asia Materials, 2021, 13, .	7.9	143
14	Porphyrinic Zirconium Metalâ€“Organic Frameworks (MOFs) as Heterogeneous Photocatalysts for PETâ€RAFT Polymerization and Stereolithography. Angewandte Chemie - International Edition, 2021, 60, 5489-5496.	13.8	122
15	Bioactive MIL-88A Framework Hollow Spheres via Interfacial Reaction In-Droplet Microfluidics for Enzyme and Nanoparticle Encapsulation. Chemistry of Materials, 2015, 27, 7903-7909.	6.7	121
16	Solâ€“Gel Processing of Metalâ€“Organic Frameworks. Chemistry of Materials, 2017, 29, 2626-2645.	6.7	116
17	Metalâ€“Organic-Framework-Based Enzymatic Microfluidic Biosensor via Surface Patterning and Biomineralization. ACS Applied Materials & Interfaces, 2019, 11, 1807-1820.	8.0	108
18	Superâ€Soft Hydrogel Particles with Tunable Elasticity in a Microfluidic Blood Capillary Model. Advanced Materials, 2014, 26, 7295-7299.	21.0	107

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19	Polymersomeâ€Loaded Capsules for Controlled Release of DNA. Small, 2011, 7, 2109-2119.	10.0	105
20	Nanoscale engineering of low-fouling surfaces through polydopamine immobilisation of zwitterionic peptides. Soft Matter, 2014, 10, 2656-2663.	2.7	102
21	Chargeâ€Shifting Click Capsules with Dualâ€Responsive Cargo Release Mechanisms. Advanced Materials, 2011, 23, H273-7.	21.0	101
22	Biodegradable 2D Feâ€“Al Hydroxide for Nanocatalytic Tumorâ€Dynamic Therapy with Tumor Specificity. Advanced Science, 2018, 5, 1801155.	11.2	100
23	Hierarchically Porous Biocatalytic MOF Microreactor as a Versatile Platform towards Enhanced Multienzyme and Cofactorâ€Dependent Biocatalysis. Angewandte Chemie - International Edition, 2021, 60, 5421-5428.	13.8	98
24	Synthesis and functionalization of nanoengineered materials using click chemistry. Progress in Polymer Science, 2012, 37, 985-1003.	24.7	97
25	Biomimetic Replication of Microscopic Metalâ€“Organic Framework Patterns Using Printed Protein Patterns. Advanced Materials, 2015, 27, 7293-7298.	21.0	97
26	Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8). Small, 2019, 15, e1902268.	10.0	95
27	Nanobiohybrids: Materials approaches for bioaugmentation. Science Advances, 2020, 6, eaaz0330.	10.3	93
28	Peptide-induced super-assembly of biocatalytic metalâ€“organic frameworks for programmed enzyme cascades. Chemical Science, 2019, 10, 7852-7858.	7.4	91
29	Atomic layer deposition assisted superassembly of ultrathin ZnO layer decorated hierarchical Cu foam for stable lithium metal anode. Energy Storage Materials, 2021, 37, 123-134.	18.0	88
30	Mechanically Tunable, Selfâ€Adjuvanting Nanoengineered Polypeptide Particles. Advanced Materials, 2013, 25, 3468-3472.	21.0	84
31	Superstructured mesocrystals through multiple inherent molecular interactions for highly reversible sodium ion batteries. Science Advances, 2021, 7, eabh3482.	10.3	74
32	Biomimetic mineralization of metalâ€“organic frameworks around polysaccharides. Chemical Communications, 2017, 53, 1249-1252.	4.1	73
33	Biocatalytic self-propelled submarine-like metal-organic framework microparticles with pH-triggered buoyancy control for directional vertical motion. Materials Today, 2019, 28, 10-16.	14.2	73
34	Interfacial Superâ€Assembled Porous CeO₂/C Frameworks Featuring Efficient and Sensitive Decomposing Li₂O₂ for Smart Liâ€“O₂ Batteries. Advanced Energy Materials, 2019, 9, 1901751.	19.5	71
35	Preparation of Nanoâ€•and Microcapsules by Electrophoretic Polymer Assembly. Angewandte Chemie - International Edition, 2013, 52, 6455-6458.	13.8	70
36	Super-assembled core-shell mesoporous silica-metal-phenolic network nanoparticles for combinatorial photothermal therapy and chemotherapy. Nano Research, 2020, 13, 1013-1019.	10.4	69

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37	Superassembled Biocatalytic Porous Framework Micromotors with Reversible and Sensitive pHâ€Speed Regulation at Ultralow Physiological H₂O₂ Concentration. Advanced Functional Materials, 2019, 29, 1808900.	14.9	66
38	Mixedâ€Metal MOFâ€74 Templated Catalysts for Efficient Carbon Dioxide Capture and Methanation. Advanced Functional Materials, 2021, 31, 2007624.	14.9	65
39	Kinetics-Controlled Super-Assembly of Asymmetric Porous and Hollow Carbon Nanoparticles as Light-Sensitive Smart Nanovehicles. Journal of the American Chemical Society, 2022, 144, 1634-1646.	13.7	64
40	Enhanced colloidal stability and protein resistance of layered double hydroxide nanoparticles with phosphonic acid-terminated PEG coating for drug delivery. Journal of Colloid and Interface Science, 2018, 521, 242-251.	9.4	62
41	Biomimetic synthesis of coordination network materials: Recent advances in MOFs and MPNs. Applied Materials Today, 2018, 10, 93-105.	4.3	62
42	Interfacial Assembly of Mesoporous Silicaâ€Based Optical Heterostructures for Sensing Applications. Advanced Functional Materials, 2020, 30, 1906950.	14.9	62
43	Discovery of intrinsic quantum anomalous Hall effect in organic Mn-DCA lattice. Applied Physics Letters, 2017, 110, .	3.3	61
44	Influence of Ionic Strength on the Deposition of Metalâ€“Phenolic Networks. Langmuir, 2017, 33, 10616-10622.	3.5	61
45	FÃ¶rster resonance energy transfer (FRET) paired carbon dot-based complex nanoprobes: versatile platforms for sensing and imaging applications. Materials Chemistry Frontiers, 2020, 4, 128-139.	5.9	61
46	Sequential Superassembly of Nanofiber Arrays to Carbonaceous Ordered Mesoporous Nanowires and Their Heterostructure Membranes for Osmotic Energy Conversion. Journal of the American Chemical Society, 2021, 143, 6922-6932.	13.7	61
47	Endocytic pHâ€Triggered Degradation of Nanoengineered Multilayer Capsules. Advanced Materials, 2014, 26, 1901-1905.	21.0	60
48	Biocatalytic Metalâ€Organic Frameworkâ€Based Artificial Cells. Advanced Functional Materials, 2019, 29, 1905321.	14.9	57
49	Multiâ€enzyme Cascade Reactions in Metalâ€organic Frameworks. Chemical Record, 2020, 20, 1100-1116.	5.8	57
50	Biocatalytic Metalâ€“Organic Frameworks: Prospects Beyond Bioprotective Porous Matrices. Advanced Functional Materials, 2020, 30, 2001648.	14.9	57
51	Immersive Polymer Assembly on Immobilized Particles for Automated Capsule Preparation. Advanced Materials, 2013, 25, 6874-6878.	21.0	56
52	Low-crystalline mesoporous CoFe₂O₄/C composite with oxygen vacancies for high energy density asymmetric supercapacitors. RSC Advances, 2017, 7, 55513-55522.	3.6	55
53	Metal-organic frameworks for therapeutic gas delivery. Advanced Drug Delivery Reviews, 2021, 171, 199-214.	13.7	55
54	Positioning of the HKUST-1 metalâ€“organic framework (Cu₃(BTC)₂) through conversion from insoluble Cu-based precursors. Inorganic Chemistry Frontiers, 2015, 2, 434-441.	6.0	54

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55	A photocatalyst immobilized on fibrous and porous monolithic cellulose for heterogeneous catalysis of controlled radical polymerization. Polymer Chemistry, 2018, 9, 1666-1673.	3.9	54
56	Superassembly of Surface-Enriched Ru Nanoclusters from Trappingâ€“Bonding Strategy for Efficient Hydrogen Evolution. ACS Nano, 2022, 16, 7993-8004.	14.6	54
57	Nanoâ€Biohybrids: In Vivo Synthesis of Metalâ€“Organic Frameworks inside Living Plants. Small, 2018, 14, 1702958.	10.0	52
58	Amino acids as biomimetic crystallization agents for the synthesis of ZIF-8 particles. CrystEngComm, 2016, 18, 4264-4267.	2.6	51
59	Nano-bio-interface engineering of metal-organic frameworks. Nano Today, 2021, 40, 101256.	11.9	50
60	Engineering Cellular Degradation of Multilayered Capsules through Controlled Cross-Linking. ACS Nano, 2012, 6, 10186-10194.	14.6	49
61	Continuous Metalâ€“Organic Framework Biomineralization on Cellulose Nanocrystals: Extrusion of Functional Composite Filaments. ACS Sustainable Chemistry and Engineering, 2019, 7, 6287-6294.	6.7	49
62	Interfacially Superâ€Assembled Asymmetric and H₂O₂ Sensitive Multilayerâ€Sandwich Magnetic Mesoporous Silica Nanomotors for Detecting and Removing Heavy Metal Ions. Advanced Functional Materials, 2021, 31, 2010694.	14.9	49
63	Superâ€Assembled Hierarchical Cellulose Aerogelâ€Gelatin Solid Electrolyte for Implantable and Biodegradable Zinc Ion Battery. Advanced Functional Materials, 2022, 32, .	14.9	48
64	Super-assembled atomic Ir catalysts on Te substrates with synergistic catalytic capability for Li-CO2 batteries. Energy Storage Materials, 2021, 43, 391-401.	18.0	46
65	Interfacial Superassembly of Grape-Like MnOâ€“Ni@C Frameworks for Superior Lithium Storage. ACS Applied Materials & Interfaces, 2020, 12, 13770-13780.	8.0	45
66	Peptideâ€Tunable Drug Cytotoxicity via Oneâ€Step Assembled Polymer Nanoparticles. Advanced Materials, 2014, 26, 2398-2402.	21.0	44
67	Interfacial Super-Assembly of Ordered Mesoporous Silicaâ€“Alumina Heterostructure Membranes with pH-Sensitive Properties for Osmotic Energy Harvesting. ACS Applied Materials & Interfaces, 2021, 13, 8782-8793.	8.0	44
68	Metalâ€“Organic Frameworkâ€“Plant Nanobiohybrids as Living Sensors for On-Site Environmental Pollutant Detection. Environmental Science & Technology, 2020, 54, 11356-11364.	10.0	42
69	Metalâ€“Organic Framework-Enhanced Solid-Phase Microextraction Mass Spectrometry for the Direct and Rapid Detection of Perfluorooctanoic Acid in Environmental Water Samples. Analytical Chemistry, 2020, 92, 6900-6908.	6.5	41
70	Metalâ€“Organic Frameworks as a Versatile Materials Platform for Unlocking New Potentials in Biocatalysis. Small, 2021, 17, e2100300.	10.0	41
71	Chemotaxisâ€Driven 2D Nanosheet for Directional Drug Delivery toward the Tumor Microenvironment. Small, 2020, 16, e2002732.	10.0	39
72	An Enzymeâ€Coated Metalâ€“Organic Framework Shell for Synthetically Adaptive Cell Survival. Angewandte Chemie, 2017, 129, 8630-8635.	2.0	37

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73	Super-assembled highly compressible and flexible cellulose aerogels for methylene blue removal from water. Chinese Chemical Letters, 2021, 32, 2091-2096.	9.0	37
74	Biocatalytic metalâ€“organic framework nanomotors for active water decontamination. Chemical Communications, 2020, 56, 14837-14840.	4.1	34
75	Highly sensitive, stretchable and durable strain sensors based on conductive <scp>doubleâ€network</scp> polymer hydrogels. Journal of Polymer Science, 2020, 58, 3069-3081.	3.8	33
76	Metal-Phenolic network and metal-organic framework composite membrane for lithium ion extraction. Applied Materials Today, 2020, 21, 100884.	4.3	33
77	Superâ€Assembled Hierarchical CoO Nanosheetsâ€Cu Foam Composites as Multiâ€Level Hosts for Highâ€Performance Lithium Metal Anodes. Small, 2021, 17, e2101301.	10.0	33
78	Biocatalytic metalâ€“organic framework membrane towards efficient aquatic micropollutants removal. Chemical Engineering Journal, 2021, 426, 131861.	12.7	31
79	Conversion of Copper Carbonate into a Metalâ€“Organic Framework. Chemistry of Materials, 2018, 30, 5630-5638.	6.7	30
80	Interfacial Superâ€Assembly of Tâ€Mode Janus Porous Heterochannels from Layered Graphene and Aluminum Oxide Array for Smart Oriented Ion Transportation. Small, 2021, 17, e2100141.	10.0	30
81	Recent Advances in Heterosilica-Based Micro/Nanomotors: Designs, Biomedical Applications, and Future Perspectives. Chemistry of Materials, 2021, 33, 3022-3046.	6.7	30
82	Polymer Capsules for Plaqueâ€Targeted In Vivo Delivery. Advanced Materials, 2016, 28, 7703-7707.	21.0	29
83	Unraveling the Interfacial Structureâ€“Performance Correlation of Flexible Metalâ€“Organic Framework Membranes on Polymeric Substrates. ACS Applied Materials & Interfaces, 2019, 11, 5570-5577.	8.0	29
84	Thermally Induced Charge Reversal of Layer-by-Layer Assembled Single-Component Polymer Films. ACS Applied Materials & Interfaces, 2016, 8, 7449-7455.	8.0	28
85	Manganese-Doped Layered Double Hydroxide: A Biodegradable Theranostic Nanoplatform with Tumor Microenvironment Response for Magnetic Resonance Imaging-Guided Photothermal Therapy. ACS Applied Bio Materials, 2020, 3, 5845-5855.	4.6	27
86	Hierarchically Porous Biocatalytic MOF Microreactor as a Versatile Platform towards Enhanced Multienzyme and Cofactorâ€Dependent Biocatalysis. Angewandte Chemie, 2021, 133, 5481-5488.	2.0	27
87	Copper-doped metalâ€“organic frameworks for the controlled generation of nitric oxide from endogenous S-nitrosothiols. Journal of Materials Chemistry B, 2021, 9, 1059-1068.	5.8	27
88	General Synergistic Capture-Bonding Superassembly of Atomically Dispersed Catalysts on Micropore-Vacancy Frameworks. Nano Letters, 2022, 22, 2889-2897.	9.1	27
89	Frontier luminous strategy of functional silica nanohybrids in sensing and bioimaging: From ACQ to AIE. Aggregate, 2022, 3, e121.	9.9	26
90	Janus Reactors with Highly Efficient Enzymatic CO₂ Nanocascade at Airâ€“Liquid Interface. ACS Applied Materials & Interfaces, 2017, 9, 42806-42815.	8.0	25

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91	Concerted Chemoenzymatic Synthesis of Î±-Keto Acid through Compartmentalizing and Channeling of Metalâ€“Organic Frameworks. ACS Catalysis, 2020, 10, 9664-9673.	11.2	25
92	Soft Patch Interface-Oriented Superassembly of Complex Hollow Nanoarchitectures for Smart Dual-Responsive Nanospacecrafts. Journal of the American Chemical Society, 2022, 144, 7778-7789.	13.7	25
93	Effective Removal of Toxic Heavy Metal Ions from Aqueous Solution by CaCO3 Microparticles. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	24
94	Ligand-Mediated Spatially Controllable Superassembly of Asymmetric Hollow Nanotadpoles with Fine-Tunable Cavity as Smart H₂O₂-Sensitive Nanoswimmers. ACS Nano, 2021, 15, 11451-11460.	14.6	24
95	Electrospinning Superassembled Mesoporous AIEgenâ€“Organosilica Frameworks Featuring Diversified Forms and Superstability for Wearable and Washable Solid-State Fluorescence Smart Sensors. Analytical Chemistry, 2021, 93, 2367-2376.	6.5	23
96	Porous Inorganic and Hybrid Systems for Drug Delivery: Future Promise in Combatting Drug Resistance and Translation to Botanical Applications. Current Medicinal Chemistry, 2019, 26, 6107-6131.	2.4	23
97	Super-Assembled Chiral Mesostructured Heteromembranes for Smart and Sensitive Couple-Accelerated Enantioseparation. Journal of the American Chemical Society, 2022, 144, 13794-13805.	13.7	22
98	Layered conductive polymer-inorganic anion network for high-performance ultra-loading capacitive electrodes. Energy Storage Materials, 2018, 14, 90-99.	18.0	20
99	Interfacial Super-Assembly of Nanofluidic Heterochannels from Layered Graphene and Alumina Oxide Arrays for Label-Free Histamine-Specific Detection. Analytical Chemistry, 2021, 93, 2982-2987.	6.5	20
100	Kineticsâ€Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
101	Engineering Enzymeâ€Cleavable Hybrid Click Capsules with a pHâ€Sheddable Coating for Intracellular Degradation. Small, 2014, 10, 4080-4086.	10.0	19
102	Interfacial tissue engineering of heart regenerative medicine based on soft cell-porous scaffolds. Journal of Thoracic Disease, 2018, 10, S2333-S2345.	1.4	18
103	Liquidâ€“Solid Interfacial Assemblies of Soft Materials for Functional Freestanding Layered Membraneâ€“Based Devices toward Electrochemical Energy Systems. Advanced Energy Materials, 2019, 9, 1804005.	19.5	18
104	Convective polymer assembly for the deposition of nanostructures and polymer thin films on immobilized particles. Nanoscale, 2014, 6, 13416-13420.	5.6	17
105	Alloyed nanostructures integrated metal-phenolic nanoplatform for synergistic wound disinfection and revascularization. Bioactive Materials, 2022, 16, 95-106.	15.6	17
106	Porphyrinic Zirconium Metalâ€“Organic Frameworks (MOFs) as Heterogeneous Photocatalysts for PETâ€RAFT Polymerization and Stereolithography. Angewandte Chemie, 2021, 133, 5549-5556.	2.0	16
107	Coreâ€Shell Structured Microâ€Nanomotors: Construction, Shell Functionalization, Applications, and Perspectives. Small, 2022, 18, e2102887.	10.0	16
108	Endocytic Capsule Sensors for Probing Cellular Internalization. Advanced Healthcare Materials, 2014, 3, 1551-1554.	7.6	15

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109	Metal-organic frameworks as protective matrices for peptide therapeutics. Journal of Colloid and Interface Science, 2020, 576, 356-363.	9.4	15
110	Super-assembled sandwich-like Au@MSN@Ag nanomatrices for high-throughput and efficient detection of small biomolecules. Nano Research, 2022, 15, 2722-2733.	10.4	14
111	Environment-friendly degradable zinc-ion battery based on guar gum-cellulose aerogel electrolyte. Biomaterials Science, 2022, 10, 1476-1485.	5.4	14
112	Interfacial Superassembly of Mesoporous Titania Nanopillar-Arrays/Alumina Oxide Heterochannels for Light- and pH-Responsive Smart Ion Transport. ACS Central Science, 2022, 8, 361-369.	11.3	14
113	Interfacial Superassembly of Light-Responsive Mechanism-Switchable Nanomotors with Tunable Mobility and Directionality. ACS Applied Materials & Interfaces, 2022, 14, 15517-15528.	8.0	14
114	Design of Degradable Click Delivery Systems. Macromolecular Rapid Communications, 2013, 34, 894-902.	3.9	13
115	Fabrication of polydiacetylene particles using a solvent injection method. Materials Advances, 2020, 1, 1745-1752.	5.4	13
116	Sensitivity and Selectivity Analysis of Fluorescent Probes for Hydrogen Sulfide Detection. Chemistry - an Asian Journal, 2022, 17, .	3.3	13
117	Controlling the Growth of Metal-Organic Frameworks Using Different Gravitational Forces. European Journal of Inorganic Chemistry, 2016, 2016, 4499-4504.	2.0	12
118	Recent advances in improving tumor-targeted delivery of imaging nanoprobes. Biomaterials Science, 2020, 8, 4129-4146.	5.4	12
119	Metal-Organic Frameworks for fingermark detection â€" A feasibility study. Forensic Science International, 2018, 291, 83-93.	2.2	11
120	pHâ€Gated Activation of Gene Transcription and Translation in Biocatalytic Metalâ€"Organic Framework Artificial Cells. Advanced NanoBiomed Research, 2021, 1, 2000034.	3.6	11
121	Super-Assembled Periodic Mesoporous Organosilica Frameworks for Real-Time Hypoxia-Triggered Drug Release and Monitoring. ACS Applied Materials & Interfaces, 2021, 13, 50246-50257.	8.0	11
122	Super-Assembled Hierarchical and Stable N-Doped Carbon Nanotube Nanoarrays for Dendrite-Free Lithium Metal Batteries. ACS Applied Energy Materials, 2022, 5, 815-824.	5.1	11
123	Mesoporous Silica Materials: Interfacial Assembly of Mesoporous Silicaâ€Based Optical Heterostructures for Sensing Applications (Adv. Funct. Mater. 9/2020). Advanced Functional Materials, 2020, 30, 2070057.	14.9	10
124	A dual enzyme-mimicking radical generator for enhanced photodynamic therapyviaseriesâ€"parallel catalysis. Nanoscale, 2021, 13, 17386-17395.	5.6	10
125	Superassembled Red Phosphorus Nanorodâ€"Reduced Graphene Oxide Microflowers as Highâ€Performance Lithiumâ€Ion Battery Anodes. Advanced Engineering Materials, 2021, 23, 2001507.	3.5	10
126	Genetically Encoded Synthetic Beta Cells for Insulin Biosynthesis and Release under Hyperglycemic Conditions. Advanced Functional Materials, 2022, 32, .	14.9	10

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127	Interfacially Super-Assembled Tyramine-Modified Mesoporous Silica-Alumina Oxide Heterochannels for Label-Free Tyrosinase Detection. Analytical Chemistry, 2022, 94, 2589-2596.	6.5	10
128	De Novo Engineering of Metalâ€“Organic Frameworkâ€Printed In Vitro Diagnostic Devices for Specific Capture and Release of Tumor Cells. Small, 2021, 17, e2103590.	10.0	9
129	Biomineralization-mimetic growth of ultrahigh-load metal-organic frameworks on inert glass fibers to prepare hybrid membranes for collecting organic hazards in unconventional environment. Chemical Engineering Journal, 2022, 430, 132956.	12.7	9
130	Tuning Particle Biodegradation through Polymerâ€“Peptide Blend Composition. Biomacromolecules, 2014, 15, 4429-4438.	5.4	8
131	Artificial Blood Vessel Frameworks from 3D Printing-Based Super-Assembly as In Vitro Models for Early Diagnosis of Intracranial Aneurysms. Chemistry of Materials, 2020, 32, 3188-3198.	6.7	8
132	Biomedical Applications of Metalâ€“Organic Frameworks at the Subcellular Level. Advanced NanoBiomed Research, 2021, 1, 2100034.	3.6	8
133	Laser Cladding Induced Spherical Graphitic Phases by Super-Assembly of Graphene-Like Microstructures and the Antifriction Behavior. ACS Central Science, 2021, 7, 318-326.	11.3	8
134	Interfacial assembly of functional mesoporous nanomatrices for laser desorption/ionization mass spectrometry. Nano Today, 2022, 42, 101365.	11.9	8
135	Preparation of Nanoâ€•and Microcapsules by Electrophoretic Polymer Assembly. Angewandte Chemie, 2013, 125, 6583-6586.	2.0	7
136	Fundamental Studies of Hybrid Poly(2-(diisopropylamino)ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (methacrylate)/Poly(N< 2784-2792.	5.4	7
137	Disulfiram-loaded metal organic framework for precision cancer treatment via ultrasensitive tumor microenvironment-responsive copper chelation and radical generation. Journal of Colloid and Interface Science, 2022, 615, 517-526.	9.4	7
138	Biofriendly micro/nanomotors operating on biocatalysis: from natural to biological environments. Biophysics Reports, 2020, 6, 179-192.	0.8	6
139	Biocatalytic Metalâ€Organic Frameworks: Biocatalytic Metalâ€“Organic Frameworks: Prospects Beyond Bioprotective Porous Matrices (Adv. Funct. Mater. 27/2020). Advanced Functional Materials, 2020, 30, 2070182.	14.9	6
140	Energy Storing Plant Stem with Cytocompatibility for Supercapacitor Electrode. Advanced Functional Materials, 2021, 31, 2106787.	14.9	6
141	Two plus One: Combination Therapy Tri-systems Involving Two Membrane-Disrupting Antimicrobial Macromolecules and Antibiotics. ACS Infectious Diseases, 2022, 8, 1480-1490.	3.8	6
142	Interfacially Superâ€Assembled Benzimidazole Derivativeâ€Based Mesoporous Silica Nanoprobe for Sensitive Copper (II) Detection and Biosensing in Living Cells. Chemistry - A European Journal, 2022, 28, .	3.3	5
143	Gene Therapy: Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8) (Small 36/2019). Small, 2019, 15, 1970193.	10.0	4
144	Modulating nitric oxide-generating activity of zinc oxide by morphology control and surface modification. Materials Science and Engineering C, 2021, 130, 112428.	7.3	4

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145	Biomimetics: Metal-Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells (Adv.) Tj ETQq1 1 0.784314 rgBT /Over	21.0	3
146	Liâ€“O₂ Batteries: Interfacial Superâ€Assembled Porous CeO₂/C Frameworks Featuring Efficient and Sensitive Decomposing Li₂O₂ for Smart Liâ€“O₂ Batteries (Adv. Energy Mater. 40/2019). Advanced Energy Materials, 2019, 9, 1970157.	19.5	2
147	Superassembled Hierarchical Asymmetric Magnetic Mesoporous Nanorobots Driven by Smart Confined Catalytic Degradation. Chemistry - A European Journal, 2022, 28, e202200307.	3.3	2
148	Superassembled Hierarchical Asymmetric Magnetic Mesoporous Nanorobots Driven by Smart Confined Catalytic Degradation. Chemistry - A European Journal, 2022, 28, e202201278.	3.3	2
149	Hydrogel Particles: Super-Soft Hydrogel Particles with Tunable Elasticity in a Microfluidic Blood Capillary Model (Adv. Mater. 43/2014). Advanced Materials, 2014, 26, 7416-7416.	21.0	1
150	Metalâ€“Organic Frameworks: Biomimetic Replication of Microscopic Metalâ€“Organic Framework Patterns Using Printed Protein Patterns (Adv. Mater. 45/2015). Advanced Materials, 2015, 27, 7483-7483.	21.0	1
151	â€œSmartâ€•Capsules for Drug Release: Charge-Shifting Click Capsules with Dual-Responsive Cargo Release Mechanisms (Adv. Mater. 36/2011). Advanced Materials, 2011, 23, H210-H210.	21.0	0
152	Biomedical Applications: Endocytic pH-Triggered Degradation of Nanoengineered Multilayer Capsules (Adv. Mater. 12/2014). Advanced Materials, 2014, 26, 1947-1947.	21.0	0
153	Kineticsâ€Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. Angewandte Chemie, 0, , .	2.0	0
154	InnenrÃ¼cktitelbild: Kineticsâ€Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures (Angew. Chem. 12/2022). Angewandte Chemie, 2022, 134, .	2.0	0