Kang Liang

List of Publications by Year
in descending order

154 papers	11,142 citations	31976 53 h-index	31849 101 g-index
159 all docs	159 docs citations	159 times ranked	12430 citing authors

#	Article	IF	Citations
1	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
2	Frontier luminous strategy of functional silica nanohybrids in sensing and bioimaging: From ACQ to AIE. Aggregate, 2022, 3, e121.	9.9	26
3	Coreâ€Shell Structured Microâ€Nanomotors: Construction, Shell Functionalization, Applications, and Perspectives. Small, 2022, 18, e2102887.	10.0	16
4	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
5	Interfacial assembly of functional mesoporous nanomatrices for laser desorption/ionization mass spectrometry. Nano Today, 2022, 42, 101365.	11.9	8
6	Sensitivity and Selectivity Analysis of Fluorescent Probes for Hydrogen Sulfide Detection. Chemistry - an Asian Journal, 2022, 17, .	3.3	13
7	Genetically Encoded Synthetic Beta Cells for Insulin Biosynthesis and Release under Hyperglycemic Conditions. Advanced Functional Materials, 2022, 32, .	14.9	10
8	Kineticsâ€Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
9	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
10	Environment-friendly degradable zinc-ion battery based on guar gum-cellulose aerogel electrolyte. Biomaterials Science, 2022, 10, 1476-1485.	5.4	14
11	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
12	Superâ€Assembled Hierarchical Cellulose Aerogelâ€Gelatin Solid Electrolyte for Implantable and Biodegradable Zinc Ion Battery. Advanced Functional Materials, 2022, 32, .	14.9	48
13	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
14	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
15	General Synergistic Capture-Bonding Superassembly of Atomically Dispersed Catalysts on Micropore-Vacancy Frameworks. Nano Letters, 2022, 22, 2889-2897.	9.1	27
16	Interfacial Superassembly of Light-Responsive Mechanism-Switchable Nanomotors with Tunable Mobility and Directionality. ACS Applied Materials & Interfaces, 2022, 14, 15517-15528.	8.0	14
17	Superassembled Hierarchical Asymmetric Magnetic Mesoporous Nanorobots Driven by Smart Confined Catalytic Degradation. Chemistry - A European Journal, 2022, 28, e202200307.	3.3	2
18	Superassembly of Surface-Enriched Ru Nanoclusters from Trappingâ€"Bonding Strategy for Efficient Hydrogen Evolution. ACS Nano, 2022, 16, 7993-8004.	14.6	54

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19	Alloyed nanostructures integrated metal-phenolic nanoplatform for synergistic wound disinfection and revascularization. Bioactive Materials, 2022, 16, 95-106.	15.6	17
20	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
21	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
22	Interfacially Super-Assembled Tyramine-Modified Mesoporous Silica-Alumina Oxide Heterochannels for Label-Free Tyrosinase Detection. Analytical Chemistry, 2022, 94, 2589-2596.	6.5	10
23	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
24	Superassembled Hierarchical Asymmetric Magnetic Mesoporous Nanorobots Driven by Smart Confined Catalytic Degradation. Chemistry - A European Journal, 2022, 28, e202201278.	3.3	2
25	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
26	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
27	pHâ€Gated Activation of Gene Transcription and Translation in Biocatalytic Metalâ€“Organic Framework Artificial Cells. Advanced NanoBiomed Research, 2021, 1, 2000034.	3.6	11
28	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
29	Mixedâ€Metal MOFâ€74 Templated Catalysts for Efficient Carbon Dioxide Capture and Methanation. Advanced Functional Materials, 2021, 31, 2007624.	14.9	65
30	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
31	Porphyrinic Zirconium Metalâ€“Organic Frameworks (MOFs) as Heterogeneous Photocatalysts for PETâ€RAFT Polymerization and Stereolithography. Angewandte Chemie, 2021, 133, 5549-5556.	2.0	16
32	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
33	A dual enzyme-mimicking radical generator for enhanced photodynamic therapy<i>via</i>seriesâ€“parallel catalysis. Nanoscale, 2021, 13, 17386-17395.	5.6	10
34	Copper-doped metalâ€“organic frameworks for the controlled generation of nitric oxide from endogenous <i>S</i>-nitrosothiols. Journal of Materials Chemistry B, 2021, 9, 1059-1068.	5.8	27
35	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
36	Carbon-based SERS biosensor: from substrate design to sensing and bioapplication. NPG Asia Materials, 2021, 13, .	7.9	143

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37	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
38	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
39	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
40	Superassembled Red Phosphorus Nanorodâ€“Reduced Graphene Oxide Microflowers as Highâ€Performance Lithiumâ€Ion Battery Anodes. Advanced Engineering Materials, 2021, 23, 2001507.	3.5	10
41	Recent Advances in Heterosilica-Based Micro/Nanomotors: Designs, Biomedical Applications, and Future Perspectives. Chemistry of Materials, 2021, 33, 3022-3046.	6.7	30
42	Metal-organic frameworks for therapeutic gas delivery. Advanced Drug Delivery Reviews, 2021, 171, 199-214.	13.7	55
43	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
44	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
45	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
46	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
47	Metalâ€“Organic Frameworks as a Versatile Materials Platform for Unlocking New Potentials in Biocatalysis. Small, 2021, 17, e2100300.	10.0	41
48	Super-assembled highly compressible and flexible cellulose aerogels for methylene blue removal from water. Chinese Chemical Letters, 2021, 32, 2091-2096.	9.0	37
49	Biomedical Applications of Metalâ€“Organic Frameworks at the Subcellular Level. Advanced NanoBiomed Research, 2021, 1, 2100034.	3.6	8
50	Superstructured mesocrystals through multiple inherent molecular interactions for highly reversible sodium ion batteries. Science Advances, 2021, 7, eabh3482.	10.3	74
51	Energy Storing Plant Stem with Cytocompatibility for Supercapacitor Electrode. Advanced Functional Materials, 2021, 31, 2106787.	14.9	6
52	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
53	Nano-bio-interface engineering of metal-organic frameworks. Nano Today, 2021, 40, 101256.	11.9	50
54	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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55	Biocatalytic metalâ€"organic framework membrane towards efficient aquatic micropollutants removal. Chemical Engineering Journal, 2021, 426, 131861.	12.7	31
56	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
57	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
58	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
59	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
60	Interfacial Assembly of Mesoporous Silicaâ€Based Optical Heterostructures for Sensing Applications. Advanced Functional Materials, 2020, 30, 1906950.	14.9	62
61	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
62	Biofriendly micro/nanomotors operating on biocatalysis: from natural to biological environments. Biophysics Reports, 2020, 6, 179-192.	0.8	6
63	Chemotaxisâ€Driven 2D Nanosheet for Directional Drug Delivery toward the Tumor Microenvironment. Small, 2020, 16, e2002732.	10.0	39
64	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
65	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
66	Biocatalytic metalâ€"organic framework nanomotors for active water decontamination. Chemical Communications, 2020, 56, 14837-14840.	4.1	34
67	Metal-Phenolic network and metal-organic framework composite membrane for lithium ion extraction. Applied Materials Today, 2020, 21, 100884.	4.3	33
68	Concerted Chemoenzymatic Synthesis of Î±-Keto Acid through Compartmentalizing and Channeling of Metalâ€"Organic Frameworks. ACS Catalysis, 2020, 10, 9664-9673.	11.2	25
69	Multiâ€enzyme Cascade Reactions in Metalâ€organic Frameworks. Chemical Record, 2020, 20, 1100-1116.	5.8	57
70	Metalâ€"Organic Frameworkâ€"Plant Nanobiohybrids as Living Sensors for On-Site Environmental Pollutant Detection. Environmental Science & Technology, 2020, 54, 11356-11364.	10.0	42
71	Fabrication of polydiacetylene particles using a solvent injection method. Materials Advances, 2020, 1, 1745-1752.	5.4	13
72	Biocatalytic Metalâ€"Organic Frameworks: Prospects Beyond Bioprotective Porous Matrices. Advanced Functional Materials, 2020, 30, 2001648.	14.9	57

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73	Metal-organic frameworks as protective matrices for peptide therapeutics. Journal of Colloid and Interface Science, 2020, 576, 356-363.	9.4	15
74	Recent advances in improving tumor-targeted delivery of imaging nanoprobes. Biomaterials Science, 2020, 8, 4129-4146.	5.4	12
75	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
76	Interfacial Superassembly of Grape-Like MnOâ€“Ni@C Frameworks for Superior Lithium Storage. ACS Applied Materials & Interfaces, 2020, 12, 13770-13780.	8.0	45
77	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
78	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
79	Nanobiohybrids: Materials approaches for bioaugmentation. Science Advances, 2020, 6, eaaz0330.	10.3	93
80	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
81	Artificial Blood Vessel Frameworks from 3D Printing-Based Super-Assembly as <i>In Vitro</i> Models for Early Diagnosis of Intracranial Aneurysms. Chemistry of Materials, 2020, 32, 3188-3198.	6.7	8
82	Hetero-atom-doped carbon dots: Doping strategies, properties and applications. Nano Today, 2020, 33, 100879.	11.9	318
83	Peptide-induced super-assembly of biocatalytic metalâ€“organic frameworks for programmed enzyme cascades. Chemical Science, 2019, 10, 7852-7858.	7.4	91
84	Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8). Small, 2019, 15, e1902268.	10.0	95
85	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
86	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
87	Biocatalytic Metalâ€Organic Frameworkâ€Based Artificial Cells. Advanced Functional Materials, 2019, 29, 1905321.	14.9	57
88	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
89	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
90	Improving the Acidic Stability of Zeolitic Imidazolate Frameworks by Biofunctional Molecules. CheM, 2019, 5, 1597-1608.	11.7	148

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91	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
92	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
93	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
94	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
95	Metalâ€“Organic-Framework-Based Enzymatic Microfluidic Biosensor via Surface Patterning and Biomineralization. ACS Applied Materials & Interfaces, 2019, 11, 1807-1820.	8.0	108
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	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
98	Effective Removal of Toxic Heavy Metal Ions from Aqueous Solution by CaCO3 Microparticles. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	24
99	Biomimetic synthesis of coordination network materials: Recent advances in MOFs and MPNs. Applied Materials Today, 2018, 10, 93-105.	4.3	62
100	Layered conductive polymer-inorganic anion network for high-performance ultra-loading capacitive electrodes. Energy Storage Materials, 2018, 14, 90-99.	18.0	20
101	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
102	Nanoâ€Biohybrids: In Vivo Synthesis of Metalâ€“Organic Frameworks inside Living Plants. Small, 2018, 14, 1702958.	10.0	52
103	Biodegradable 2D Feâ€“Al Hydroxide for Nanocatalytic Tumorâ€Dynamic Therapy with Tumor Specificity. Advanced Science, 2018, 5, 1801155.	11.2	100
104	Interfacial tissue engineering of heart regenerative medicine based on soft cell-porous scaffolds. Journal of Thoracic Disease, 2018, 10, S2333-S2345.	1.4	18
105	Conversion of Copper Carbonate into a Metalâ€“Organic Framework. Chemistry of Materials, 2018, 30, 5630-5638.	6.7	30
106	Metal-Organic Frameworks for fingermark detection â€” A feasibility study. Forensic Science International, 2018, 291, 83-93.	2.2	11
107	Solâ€“Gel Processing of Metalâ€“Organic Frameworks. Chemistry of Materials, 2017, 29, 2626-2645.	6.7	116
108	Metalâ€“Organic Frameworks at the Biointerface: Synthetic Strategies and Applications. Accounts of Chemical Research, 2017, 50, 1423-1432.	15.6	464

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109	Discovery of intrinsic quantum anomalous Hall effect in organic Mn-DCA lattice. Applied Physics Letters, 2017, 110, .	3.3	61
110	An Enzymeâ€Coated Metalâ€“Organic Framework Shell for Synthetically Adaptive Cell Survival. Angewandte Chemie, 2017, 129, 8630-8635.	2.0	37
111	Biomimetic mineralization of metalâ€“organic frameworks around polysaccharides. Chemical Communications, 2017, 53, 1249-1252.	4.1	73
112	Influence of Ionic Strength on the Deposition of Metalâ€“Phenolic Networks. Langmuir, 2017, 33, 10616-10622.	3.5	61
113	Low-crystalline mesoporous CoFe₂O₄/C composite with oxygen vacancies for high energy density asymmetric supercapacitors. RSC Advances, 2017, 7, 55513-55522.	3.6	55
114	Janus Reactors with Highly Efficient Enzymatic CO₂ Nanocascade at Airâ€“Liquid Interface. ACS Applied Materials & Interfaces, 2017, 9, 42806-42815.	8.0	25
115	An Enzymeâ€Coated Metalâ€“Organic Framework Shell for Synthetically Adaptive Cell Survival. Angewandte Chemie - International Edition, 2017, 56, 8510-8515.	13.8	152
116	Void Engineering in Metalâ€“Organic Frameworks via Synergistic Etching and Surface Functionalization. Advanced Functional Materials, 2016, 26, 5827-5834.	14.9	302
117	Biomimetics: Metal-Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells (Adv.) Tj ETQq1 1 0.784314 rgBT /Ov	21.0	3
118	Controlling the Growth of Metal-Organic Frameworks Using Different Gravitational Forces. European Journal of Inorganic Chemistry, 2016, 2016, 4499-4504.	2.0	12
119	Polymer Capsules for Plaqueâ€Targeted In Vivo Delivery. Advanced Materials, 2016, 28, 7703-7707.	21.0	29
120	Metalâ€“Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells. Advanced Materials, 2016, 28, 7910-7914.	21.0	254
121	Amino acids as biomimetic crystallization agents for the synthesis of ZIF-8 particles. CrystEngComm, 2016, 18, 4264-4267.	2.6	51
122	Thermally Induced Charge Reversal of Layer-by-Layer Assembled Single-Component Polymer Films. ACS Applied Materials & Interfaces, 2016, 8, 7449-7455.	8.0	28
123	Enzyme encapsulation in zeolitic imidazolate frameworks: a comparison between controlled co-precipitation and biomimetic mineralisation. Chemical Communications, 2016, 52, 473-476.	4.1	230
124	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
125	Biomimetic Replication of Microscopic Metalâ€“Organic Framework Patterns Using Printed Protein Patterns. Advanced Materials, 2015, 27, 7293-7298.	21.0	97
126	Biomimetic mineralization of metal-organic frameworks as protective coatings for biomacromolecules. Nature Communications, 2015, 6, 7240.	12.8	1,077

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127	Engineering Poly(ethylene glycol) Particles for Improved Biodistribution. ACS Nano, 2015, 9, 1571-1580.	14.6	148
128	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
129	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
130	Endocytic Capsule Sensors for Probing Cellular Internalization. Advanced Healthcare Materials, 2014, 3, 1551-1554.	7.6	15
131	Tuning Particle Biodegradation through Polymerâ€“Peptide Blend Composition. Biomacromolecules, 2014, 15, 4429-4438.	5.4	8
132	Endocytic pHâ€Triggered Degradation of Nanoengineered Multilayer Capsules. Advanced Materials, 2014, 26, 1901-1905.	21.0	60
133	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
134	Biomedical Applications: Endocytic pH-Triggered Degradation of Nanoengineered Multilayer Capsules (Adv. Mater. 12/2014). Advanced Materials, 2014, 26, 1947-1947.	21.0	0
135	Convective polymer assembly for the deposition of nanostructures and polymer thin films on immobilized particles. Nanoscale, 2014, 6, 13416-13420.	5.6	17
136	Engineering Enzymeâ€Cleavable Hybrid Click Capsules with a pHâ€Sheddable Coating for Intracellular Degradation. Small, 2014, 10, 4080-4086.	10.0	19
137	Peptideâ€Tunable Drug Cytotoxicity via Oneâ€Step Assembled Polymer Nanoparticles. Advanced Materials, 2014, 26, 2398-2402.	21.0	44
138	Superâ€Soft Hydrogel Particles with Tunable Elasticity in a Microfluidic Blood Capillary Model. Advanced Materials, 2014, 26, 7295-7299.	21.0	107
139	Fundamental Studies of Hybrid Poly(2-(diisopropylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (methacrylate)/Pol 2784-2792.	5.4	7
140	Nanoscale engineering of low-fouling surfaces through polydopamine immobilisation of zwitterionic peptides. Soft Matter, 2014, 10, 2656-2663.	2.7	102
141	MOF positioning technology and device fabrication. Chemical Society Reviews, 2014, 43, 5513-5560.	38.1	600
142	One-Step Assembly of Coordination Complexes for Versatile Film and Particle Engineering. Science, 2013, 341, 154-157.	12.6	1,683
143	Mechanically Tunable, Selfâ€Adjuvanting Nanoengineered Polypeptide Particles. Advanced Materials, 2013, 25, 3468-3472.	21.0	84
144	Preparation of Nanoâ€•and Microcapsules by Electrophoretic Polymer Assembly. Angewandte Chemie - International Edition, 2013, 52, 6455-6458.	13.8	70

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145	Immersive Polymer Assembly on Immobilized Particles for Automated Capsule Preparation. Advanced Materials, 2013, 25, 6874-6878.	21.0	56
146	Design of Degradable Click Delivery Systems. Macromolecular Rapid Communications, 2013, 34, 894-902.	3.9	13
147	Preparation of Nanoâ€•and Microcapsules by Electrophoretic Polymer Assembly. Angewandte Chemie, 2013, 125, 6583-6586.	2.0	7
148	Immobilization and Intracellular Delivery of an Anticancer Drug Using Mussel-Inspired Polydopamine Capsules. Biomacromolecules, 2012, 13, 2225-2228.	5.4	298
149	Engineering Cellular Degradation of Multilayered Capsules through Controlled Cross-Linking. ACS Nano, 2012, 6, 10186-10194.	14.6	49
150	Synthesis and functionalization of nanoengineered materials using click chemistry. Progress in Polymer Science, 2012, 37, 985-1003.	24.7	97
151	Polymersomeâ€Loaded Capsules for Controlled Release of DNA. Small, 2011, 7, 2109-2119.	10.0	105
152	Chargeâ€Shifting Click Capsules with Dualâ€Responsive Cargo Release Mechanisms. Advanced Materials, 2011, 23, H273-7.	21.0	101
153	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
154	Kineticsâ€Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. Angewandte Chemie, 0, , .	2.0	0