

Ding-Shan Yu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3790543/ding-shan-yu-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127 papers	13,119 citations	44 h-index	114 g-index
141 ext. papers	14,404 ext. citations	9.6 avg, IF	6.71 L-index

#	Paper	IF	Citations
127	Scalable synthesis of hierarchically structured carbon nanotube-graphene fibres for capacitive energy storage. <i>Nature Nanotechnology</i> , 2014 , 9, 555-62	28.7	1161
126	Self-Assembled Graphene/Carbon Nanotube Hybrid Films for Supercapacitors. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 467-470	6.4	999
125	Vertically aligned BCN nanotubes as efficient metal-free electrocatalysts for the oxygen reduction reaction: a synergetic effect by co-doping with boron and nitrogen. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11756-60	16.4	650
124	Polyelectrolyte-functionalized graphene as metal-free electrocatalysts for oxygen reduction. <i>ACS Nano</i> , 2011 , 5, 6202-9	16.7	617
123	Polyelectrolyte functionalized carbon nanotubes as efficient metal-free electrocatalysts for oxygen reduction. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5182-5	16.4	616
122	Biocompatible graphene oxide-based glucose biosensors. <i>Langmuir</i> , 2010 , 26, 6158-60	4	592
121	Highly efficient metal-free growth of nitrogen-doped single-walled carbon nanotubes on plasma-etched substrates for oxygen reduction. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15127-9	16.4	563
120	Nitrogen-doped graphene/carbon nanotube hybrids: in situ formation on bifunctional catalysts and their superior electrocatalytic activity for oxygen evolution/reduction reaction. <i>Small</i> , 2014 , 10, 2251-9	11	525
119	Metal-Free Carbon Nanomaterials Become More Active than Metal Catalysts and Last Longer. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 2165-2173	6.4	477
118	Emergence of fiber supercapacitors. <i>Chemical Society Reviews</i> , 2015 , 44, 647-62	58.5	433
117	Soluble P3HT-grafted graphene for efficient bilayer-heterojunction photovoltaic devices. <i>ACS Nano</i> , 2010 , 4, 5633-40	16.7	415
116	A review of rechargeable batteries for portable electronic devices. <i>Information Materials</i> , 2019 , 1, 6-32	23.1	400
115	A general approach to cobalt-based homobimetallic phosphide ultrathin nanosheets for highly efficient oxygen evolution in alkaline media. <i>Energy and Environmental Science</i> , 2017 , 10, 893-899	35.4	342
114	Preparation of Tunable 3D Pillared Carbon Nanotube-Graphene Networks for High-Performance Capacitance. <i>Chemistry of Materials</i> , 2011 , 23, 4810-4816	9.6	342
113	Vertically Aligned Carbon Nanotube Arrays Co-doped with Phosphorus and Nitrogen as Efficient Metal-Free Electrocatalysts for Oxygen Reduction. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 2863-70	6.4	269
112	Ternary Hybrids of Amorphous Nickel Hydroxide/Carbon Nanotube-Conducting Polymer for Supercapacitors with High Energy Density, Excellent Rate Capability, and Long Cycle Life. <i>Advanced Functional Materials</i> , 2015 , 25, 1063-1073	15.6	264
111	Three-dimensional B,N-doped graphene foam as a metal-free catalyst for oxygen reduction reaction. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12220-6	3.6	260

110	Hole and electron extraction layers based on graphene oxide derivatives for high-performance bulk heterojunction solar cells. <i>Advanced Materials</i> , 2012 , 24, 2228-33	24	256
109	Controlled functionalization of carbonaceous fibers for asymmetric solid-state micro-supercapacitors with high volumetric energy density. <i>Advanced Materials</i> , 2014 , 26, 6790-7	24	217
108	All-Carbon Nanoarchitectures as High-Performance Separation Membranes with Superior Stability. <i>Advanced Functional Materials</i> , 2015 , 25, 7348-7359	15.6	195
107	Fullerene-Grafted Graphene for Efficient Bulk Heterojunction Polymer Photovoltaic Devices. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1113-8	6.4	195
106	Transforming Pristine Carbon Fiber Tows into High Performance Solid-State Fiber Supercapacitors. <i>Advanced Materials</i> , 2015 , 27, 4895-901	24	176
105	Formation of Large-Area Nitrogen-Doped Graphene Film Prepared from Simple Solution Casting of Edge-Selectively Functionalized Graphite and Its Electrocatalytic Activity. <i>Chemistry of Materials</i> , 2011 , 23, 3987-3992	9.6	161
104	Ultrathin Black Phosphorus-on-Nitrogen Doped Graphene for Efficient Overall Water Splitting: Dual Modulation Roles of Directional Interfacial Charge Transfer. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4972-4979	16.4	158
103	Oxidizing metal ions with graphene oxide: the in situ formation of magnetic nanoparticles on self-reduced graphene sheets for multifunctional applications. <i>Chemical Communications</i> , 2011 , 47, 11689-91	5.8	158
102	Nitrogen doped holey graphene as an efficient metal-free multifunctional electrochemical catalyst for hydrazine oxidation and oxygen reduction. <i>Nanoscale</i> , 2013 , 5, 3457-64	7.7	140
101	Bifunctional MOF-Derived Carbon Photonic Crystal Architectures for Advanced Zn ²⁺ /Air and LiS Batteries: Highly Exposed Graphitic Nitrogen Matters. <i>Advanced Functional Materials</i> , 2017 , 27, 1701971	15.6	121
100	Vertically Aligned BCN Nanotubes as Efficient Metal-Free Electrocatalysts for the Oxygen Reduction Reaction: A Synergetic Effect by Co-Doping with Boron and Nitrogen. <i>Angewandte Chemie</i> , 2011 , 123, 11960-11964	3.6	120
99	Graphene Oxide Quantum Dots Covalently Functionalized PVDF Membrane with Significantly-Enhanced Bactericidal and Antibiofouling Performances. <i>Scientific Reports</i> , 2016 , 6, 20142	4.9	110
98	Freestanding Graphitic Carbon Nitride Photonic Crystals for Enhanced Photocatalysis. <i>Advanced Functional Materials</i> , 2016 , 26, 4943-4950	15.6	105
97	Integrative solar absorbers for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4642-4648	13	96
96	Catalysts for chirality selective synthesis of single-walled carbon nanotubes. <i>Carbon</i> , 2015 , 81, 1-19	10.4	92
95	Layer-by-Layer assembly and humidity sensitive behavior of poly(ethyleneimine)/multiwall carbon nanotube composite films. <i>Sensors and Actuators B: Chemical</i> , 2006 , 119, 512-515	8.5	83
94	A general polymer-assisted strategy enables unexpected efficient metal-free oxygen-evolution catalysis on pure carbon nanotubes. <i>Energy and Environmental Science</i> , 2017 , 10, 2312-2317	35.4	81
93	Superhydrophobic electrospun POSS-PMMA copolymer fibres with highly ordered nanofibrillar and surface structures. <i>Chemical Communications</i> , 2009 , 6418-20	5.8	78

92	Boosting water oxidation on metal-free carbon nanotubes via directional interfacial charge-transfer induced by an adsorbed polyelectrolyte. <i>Energy and Environmental Science</i> , 2018 , 11, 3334-3341	35.4	70
91	Interfacial modification layers based on carbon dots for efficient inverted polymer solar cells exceeding 10% power conversion efficiency. <i>Nano Energy</i> , 2016 , 26, 216-223	17.1	64
90	In Situ Activating Strategy to Significantly Boost Oxygen Electrocatalysis of Commercial Carbon Cloth for Flexible and Rechargeable Zn-Air Batteries. <i>Advanced Science</i> , 2018 , 5, 1800760	13.6	64
89	A high-performance metal-free hydrogen-evolution reaction electrocatalyst from bacterium derived carbon. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7210-7214	13	63
88	Graphene-based nanowire supercapacitors. <i>Langmuir</i> , 2014 , 30, 3567-71	4	62
87	Hierarchical assemblies of conjugated ultrathin COF nanosheets for high-sulfur-loading and long-lifespan lithium-sulfur batteries: Fully-exposed porphyrin matters. <i>Energy Storage Materials</i> , 2019 , 22, 40-47	19.4	61
86	Photoresponsive Actuators Built from Carbon-Based Soft Materials. <i>Advanced Optical Materials</i> , 2019 , 7, 1900069	8.1	55
85	3D-crosslinked tannic acid/poly(ethylene oxide) complex as a three-in-one multifunctional binder for high-sulfur-loading and high-stability cathodes in lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2019 , 17, 293-299	19.4	51
84	Self-Assembled Graphene-Based Architectures and Their Applications. <i>Advanced Science</i> , 2018 , 5, 1700626	26.6	50
83	Asymmetrically functionalized graphene for photodependent diode rectifying behavior. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6575-8	16.4	42
82	Organo-soluble chiral thiol-monolayer-protected gold nanorods. <i>Langmuir</i> , 2011 , 27, 98-103	4	42
81	Conjugated polymer dots/graphitic carbon nitride nanosheet heterojunctions for metal-free hydrogen evolution photocatalysis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 303-311	13	40
80	Structural and lasing characteristics of ultrathin hexagonal ZnO nanodisks grown vertically on silicon-on-insulator substrates. <i>Applied Physics Letters</i> , 2007 , 91, 091116	3.4	39
79	A General Electrode Design Strategy for Flexible Fiber Micro-Pseudocapacitors Combining Ultrahigh Energy and Power Delivery. <i>Advanced Science</i> , 2017 , 4, 1700003	13.6	38
78	CoSO ₄ /SiO ₂ catalyst for selective synthesis of (9, 8) single-walled carbon nanotubes: Effect of catalyst calcination. <i>Journal of Catalysis</i> , 2013 , 300, 91-101	7.3	34
77	A high-performance, highly bendable quasi-solid-state zinc-organic battery enabled by intelligent proton-self-buffering copolymer cathodes. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17292-17298	13	33
76	One-Pot Large-Scale Synthesis of Carbon Quantum Dots: Efficient Cathode Interlayers for Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14953-14959	9.5	32
75	Donor-Acceptor Nanocarbon Ensembles to Boost Metal-Free All-pH Hydrogen Evolution Catalysis by Combined Surface and Dual Electronic Modulation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16217-16222	16.4	32

74	Multifunctional nitrogen-rich Brick-and-mortar Carbon as high performance supercapacitor electrodes and oxygen reduction electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11061	13	32
73	Alkene-Linked Covalent Organic Frameworks Boosting Photocatalytic Hydrogen Evolution by Efficient Charge Separation and Transfer in the Presence of Sacrificial Electron Donors. <i>Advanced Science</i> , 2020 , 7, 1902988	13.6	31
72	Tactile UV- and Solar-Light Multi-Sensing Rechargeable Batteries with Smart Self-Conditioned Charge and Discharge. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9248-9253	16.4	30
71	Organo-soluble porphyrin mixed monolayer-protected gold nanorods with intercalated fullerenes. <i>Langmuir</i> , 2012 , 28, 5956-63	4	30
70	Effective Dual Polysulfide Rejection by a Tannic Acid/Fe Complex-Coated Separator in Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12708-12715	9.5	29
69	Hybrid ternary rice paper-manganese oxide-carbon nanotube nanocomposites for flexible supercapacitors. <i>Nanoscale</i> , 2013 , 5, 11108-17	7.7	29
68	Graphene-based materials for polymer solar cells. <i>Chinese Chemical Letters</i> , 2016 , 27, 1259-1270	8.1	29
67	Voltage-induced incandescent light emission from large-area graphene films. <i>Applied Physics Letters</i> , 2010 , 96, 143107	3.4	28
66	Versatile, Aqueous Soluble CN Quantum Dots with Enriched Active Edges and Oxygenated Groups. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4621-4630	16.4	24
65	Bioinspired Mesoporous Chiral Nematic Graphitic Carbon Nitride Photocatalysts modulated by Polarized Light. <i>ChemSusChem</i> , 2018 , 11, 114-119	8.3	24
64	Sulfur doped Co/SiO ₂ catalysts for chirally selective synthesis of single walled carbon nanotubes. <i>Chemical Communications</i> , 2013 , 49, 2031-3	5.8	23
63	Multibranched Octupolar Module Embedded Covalent Organic Frameworks Enable Efficient Two-Photon Fluorescence. <i>Advanced Functional Materials</i> , 2020 , 30, 2000516	15.6	19
62	Cross-Linked Graphitic Carbon Nitride with Photonic Crystal Structure for Efficient Visible-Light-Driven Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44503-44511	9.5	19
61	Fabrication and characterization of PbS/multiwalled carbon nanotube heterostructures. <i>Applied Physics Letters</i> , 2007 , 90, 161103	3.4	19
60	Preparation and Electrocatalytic Activity of Gold Nanoparticles Immobilized on the Surface of 4-Mercaptobenzoyl-Functionalized Multiwalled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 1746-1751	3.8	18
59	Significantly Enhanced Actuation Performance of IPMC by Surfactant-Assisted Processable MWCNT/Nafion Composite. <i>Journal of Bionic Engineering</i> , 2013 , 10, 359-367	2.7	17
58	Self-Assembly of Gold Nanowires along Carbon Nanotubes for Ultrahigh-Aspect-Ratio Hybrids. <i>Chemistry of Materials</i> , 2011 , 23, 2760-2765	9.6	17
57	Harvesting Air and Light Energy via All-in-One Polymer Cathodes for High-Capacity, Self-Chargeable, and Multimode-Switching Zinc Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2007942	15.6	17

56	Synthesis of free-standing carbon nanohybrid by directly growing carbon nanotubes on air-sprayed graphene oxide paper and its application in supercapacitor. <i>Journal of Solid State Chemistry</i> , 2015 , 224, 45-51	3.3	16
55	Polyaniline/Pure Carbon Assemblies as Efficient Self-standing Metal-free Oxygen Electrodes in Alkaline Media for Zn-Air Batteries. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1544-1548	4.5	16
54	Integrated Photo-Responsive Batteries for Solar Energy Harnessing: Recent Advances, Challenges, and Opportunities. <i>ChemPlusChem</i> , 2020 , 85, 600-612	2.8	16
53	Orientation and Dispersion Evolution of Carbon Nanotubes in Ultra High Molecular Weight Polyethylene Composites under Extensional-Shear Coupled Flow: A Dissipative Particle Dynamics Study. <i>Polymers</i> , 2019 , 11,	4.5	15
52	Pyrazine-Nitrogen-rich exfoliated C4N nanosheets as efficient metal-free polymeric catalysts for oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2020 , 49, 243-247	12	15
51	Redox Donor-Acceptor Conjugated Microporous Polymers as Ultralong-Lived Organic Anodes for Rechargeable Air Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10164-10171	16.4	14
50	Nickel hydroxide-carbon nanotube nanocomposites as supercapacitor electrodes: crystallinity dependent performances. <i>Nanotechnology</i> , 2015 , 26, 314003	3.4	13
49	Efficient active actuation to imitate locomotion of gecko's toes using an ionic polymer-metal composite actuator enhanced by carbon nanotubes. <i>Applied Physics Letters</i> , 2012 , 101, 163701	3.4	13
48	Rational design of metallic nanowire-based plasmonic architectures for efficient inverted polymer solar cells. <i>Solar Energy</i> , 2015 , 122, 231-238	6.8	12
47	Recoverable Photolithographic Patterning for Polarized Display and Encryption. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000373	6.8	12
46	E. coli-derived carbon with nitrogen and phosphorus dual functionalities for oxygen reduction reaction. <i>Catalysis Today</i> , 2015 , 249, 228-235	5.3	12
45	Commercial Fiber Products Derived Free-Standing Porous Carbonized-Membranes for Highly Efficient Solar Steam Generation. <i>Frontiers in Materials</i> , 2018 , 5,	4	10
44	Extensional-shear coupled flow-induced morphology and phase evolution of polypropylene/ultrahigh molecular weight polyethylene blends: Dissipative particle dynamics simulations and experimental studies. <i>Polymer</i> , 2019 , 169, 36-45	3.9	9
43	Structure and properties of ultrahigh molecular weight polyethylene processed under a consecutive elongational flow. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	9
42	Capturing Visible Light in Low-Band-Gap C N-Derived Responsive Bifunctional Air Electrodes for Solar Energy Conversion and Storage. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17615-17621	16.4	9
41	Black phosphorus quantum dots as an effective perovskite interfacial modification layer for efficient low-temperature processed all-inorganic CsPbI2Br perovskite solar cells. <i>Solar Energy</i> , 2020 , 206, 793-798	6.8	8
40	Deformation and Stress Response of Carbon Nanotubes/UHMWPE Composites under Extensional-Shear Coupling Flow. <i>Applied Composite Materials</i> , 2018 , 25, 35-43	2	8
39	Asymmetrically Functionalized Graphene for Photodependent Diode Rectifying Behavior. <i>Angewandte Chemie</i> , 2011 , 123, 6705-6708	3.6	8

38	Enhanced photoresponse of CdS/CMK-3 composite as a candidate for light-harvesting assembly. <i>Nanotechnology</i> , 2010 , 21, 045601	3.4	8
37	Preparation and flame-retardant mechanism of polyheptazine/PA6 nanocomposites. <i>Polymer</i> , 2019 , 182, 121810	3.9	7
36	Crosslinked cyanometallate-chitosan nanosheet assembled aerogels as efficient catalysts to boost polysulfide redox kinetics in lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 19262-19268	13.3	7
35	Plasmonic effects and the morphology changes on the active material P3HT:PCBM used in polymer solar cells using Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2016 , 47, 888-894	2.3	7
34	Improving Dielectric Properties and Thermostability of CaCu ₃ Ti ₄ O ₁₂ /Polyimide Composites by Employing Surface Hydroxylated CaCu ₃ Ti ₄ O ₁₂ Particles. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 1263-1271	4.3	6
33	Donor-Acceptor Nanocarbon Ensembles to Boost Metal-Free All-pH Hydrogen Evolution Catalysis by Combined Surface and Dual Electronic Modulation. <i>Angewandte Chemie</i> , 2019 , 131, 16363-16368	3.6	6
32	Nanocubes of PbS with visible luminescence synthesized by sulfonated polymer as stabilizer and modifier at room-temperature. <i>Materials Letters</i> , 2009 , 63, 2317-2320	3.3	6
31	Optical properties of synthesized organic nanowires. <i>Applied Physics Letters</i> , 2006 , 89, 241121	3.4	6
30	Rapid colorimetric glucose detection chain reaction amplification of acrylic functionalized Ag@SiO ₂ nanoparticles.. <i>RSC Advances</i> , 2018 , 8, 37729-37734	3.7	6
29	Humidity and Pressure Dual-Responsive Metal-Water Batteries Enabled by Three-In-One All-Polymer Cathodes for Smart Self-Powered Systems. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 23853-23859	9.5	5
28	New insights into a first principle calculation and experimental study of Sn-Pb-Ge ternary-metal perovskites for potential photovoltaic application. <i>Materials Science in Semiconductor Processing</i> , 2017 , 68, 159-164	4.3	5
27	Graphene Oxide Derivatives: Hole and Electron Extraction Layers Based on Graphene Oxide Derivatives for High-Performance Bulk Heterojunction Solar Cells (Adv. Mater. 17/2012). <i>Advanced Materials</i> , 2012 , 24, 2227-2227	24	5
26	Preparation of Flame-Retardant Polyurethane and Its Applications in the Leather Industry. <i>Polymers</i> , 2021 , 13,	4.5	5
25	Tactile UV- and Solar-Light Multi-Sensing Rechargeable Batteries with Smart Self-Conditioned Charge and Discharge. <i>Angewandte Chemie</i> , 2019 , 131, 9349-9354	3.6	4
24	Phase behavior and alignment transition of ultra high molecular weight polyethylene/polyamide 6 blends under extensional and shear flow. <i>Computational Materials Science</i> , 2018 , 149, 21-27	3.2	4
23	Material Based Structure Design: Numerical Analysis Thermodynamic Response of Thermal Pyrolytic Graphite /Al Sandwich Composites. <i>Applied Composite Materials</i> , 2016 , 23, 1167-1176	2	4
22	Capturing Visible Light in Low-Band-Gap C ₄ N-Derived Responsive Bifunctional Air Electrodes for Solar Energy Conversion and Storage. <i>Angewandte Chemie</i> , 2021 , 133, 17756-17762	3.6	4
21	Redox Donor-Acceptor Conjugated Microporous Polymers as Ultralong-Lived Organic Anodes for Rechargeable Air Batteries. <i>Angewandte Chemie</i> , 2021 , 133, 10252-10259	3.6	3

20	Boosting Oxygen Reduction Performance of Manganese Oxide in Alkaline Media by Three-Dimensional Highly Ordered Conductive Porous Framework. <i>Frontiers in Materials</i> , 2019 , 6,	4	2
19	Chain conformation and dynamics in ultrahigh molecular weight polyethylene melts undergoing extensional-shear coupled flow: insight from dissipative particle dynamics simulation. <i>Polymer International</i> , 2020 , 69, 1213-1219	3.3	2
18	Integrated Photo-Responsive Batteries for Solar Energy Harnessing: Recent Advances, Challenges, and Opportunities. <i>ChemPlusChem</i> , 2020 , 85, 599	2.8	2
17	A Dissipative Particle Dynamics Study of Flow Behaviors in Ultra High Molecular Weight Polyethylene/Polyamide 6 Blends Based on Souza-Martins Method. <i>Polymers</i> , 2019 , 11,	4.5	2
16	Temperature-dependent photoluminescence properties of synthesized schistoselike organic nanostructures. <i>Journal of Applied Physics</i> , 2008 , 103, 013104	2.5	2
15	Octupolar Acrylonitrile-Bridged 2D-Conjugated Polymers Enable Bright Far-Red Emission with Intense Two-Photon Absorption via Alkoxylation Chemistry. <i>Small</i> , 2021 , 17, e2100955	11	2
14	Innenr�ktitelbild: Tactile UV- and Solar-Light Multi-Sensing Rechargeable Batteries with Smart Self-Conditioned Charge and Discharge (Angew. Chem. 27/2019). <i>Angewandte Chemie</i> , 2019 , 131, 9389-9389	3.6	1
13	Optical emission from disordered multi-branched ZnO nanorods formed by catalyst-free growth. <i>Applied Physics A: Materials Science and Processing</i> , 2011 , 103, 329-334	2.6	1
12	Metal-containing covalent organic framework: a new type of photo/electrocatalyst. <i>Rare Metals</i> , 1	5.5	1
11	Cutting COF-like C4N into Colloidal Quantum Dots toward Optical Encryption and Bidirectional Sulfur Chemistry via Functional Group and Edge Effects. <i>Angewandte Chemie - International Edition</i> , 2021 , e202114182	16.4	1
10	Adsorption characteristics and conformational transition of polyethylene glycol-b-galactated rosin polyesters on the water-air surface. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	1
9	Recent Advances in Elongational Flow Dominated Polymer Processing Technologies. <i>Polymers</i> , 2021 , 13,	4.5	1
8	Programmable Invisible Photonic Patterns with Rapid Response Based on Two-Dimensional Colloidal Crystals. <i>Polymers</i> , 2021 , 13,	4.5	1
7	Thermoresponsive behavior of non-isocyanate poly(hydroxyl)urethane for biomedical composite materials. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	0
6	Innentitelbild: Donor-Acceptor Nanocarbon Ensembles to Boost Metal-Free All-pH Hydrogen Evolution Catalysis by Combined Surface and Dual Electronic Modulation (Angew. Chem. 45/2019). <i>Angewandte Chemie</i> , 2019 , 131, 16086-16086	3.6	
5	Self-Assembled Graphene Nanostructures and Their Applications 2018 , 39-74		
4	Growth of organic-inorganic hybrid nanowires based on p-hydroxybenzoic acid. <i>Materials Chemistry and Physics</i> , 2009 , 118, 203-207	4.4	
3	Reflection-enhancing coatings from layer-by-layer self-assembled polyelectrolyte/colloidal TiO ₂ multilayers 2005 , 5633, 470		

- 2 New insight into residual stresses in amine-grafted MWCNTs/binary resin composites under complex thermomechanical loadings. *Journal of Thermoplastic Composite Materials*, **2019**, 32, 1445-1454^{1.9}
- 1 Acrylonitrile-Linked Covalent Organic Frameworks Enable Fast Stimulus-Responsive Fluorescence with High Quantum Yield via Fluorine Chemistry. *Advanced Photonics Research*, 2200008 ^{1.9}