

Ding-Shan Yu

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.

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	Cutting COF-like C ₄ N 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
126	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
125	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
124	Recent Advances in Elongational Flow Dominated Polymer Processing Technologies. <i>Polymers</i> , 2021 , 13,	4.5	1
123	Preparation of Flame-Retardant Polyurethane and Its Applications in the Leather Industry. <i>Polymers</i> , 2021 , 13,	4.5	5
122	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
121	Capturing Visible Light in Low-Band-Gap C ₄ 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
120	Programmable Invisible Photonic Patterns with Rapid Response Based on Two-Dimensional Colloidal Crystals. <i>Polymers</i> , 2021 , 13,	4.5	1
119	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
118	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
117	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
116	Black phosphorus quantum dots as an effective perovskite interfacial modification layer for efficient low-temperature processed all-inorganic CsPbI ₂ Br perovskite solar cells. <i>Solar Energy</i> , 2020 , 206, 793-798	6.8	8
115	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
114	Pyrazine-Nitrogen-rich exfoliated C ₄ N nanosheets as efficient metal-free polymeric catalysts for oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2020 , 49, 243-247	12	15
113	Integrated Photo-Responsive Batteries for Solar Energy Harnessing: Recent Advances, Challenges, and Opportunities. <i>ChemPlusChem</i> , 2020 , 85, 599	2.8	2
112	Recoverable Photolithographic Patterning for Polarized Display and Encryption. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000373	6.8	12
111	Multibranched Octupolar Module Embedded Covalent Organic Frameworks Enable Efficient Two-Photon Fluorescence. <i>Advanced Functional Materials</i> , 2020 , 30, 2000516	15.6	19

110	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
109	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
108	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
107	Integrated Photo-Responsive Batteries for Solar Energy Harnessing: Recent Advances, Challenges, and Opportunities. <i>ChemPlusChem</i> , 2020 , 85, 600-612	2.8	16
106	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	7
105	Innenteilbild: 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	
104	Preparation and flame-retardant mechanism of polyheptazine/PA6 nanocomposites. <i>Polymer</i> , 2019 , 182, 121810	3.9	7
103	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
102	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
101	Photoresponsive Actuators Built from Carbon-Based Soft Materials. <i>Advanced Optical Materials</i> , 2019 , 7, 1900069	8.1	55
100	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
99	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
98	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
97	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
96	A review of rechargeable batteries for portable electronic devices. <i>Information Materials</i> , 2019 , 1, 6-32	23.1	400
95	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
94	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
93	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

92	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
91	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
90	Innenr&titelbild: 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
89	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
88	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
87	New insight into residual stresses in amine-grafted MWCNTs/binary resin composites under complex thermomechanical loadings. <i>Journal of Thermoplastic Composite Materials</i> , 2019 , 32, 1445-1454 ^{1.9}		
86	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
85	Self-Assembled Graphene Nanostructures and Their Applications 2018 , 39-74		
84	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
83	Integrative solar absorbers for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4642-4648	13	96
82	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
81	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
80	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
79	Self-Assembled Graphene-Based Architectures and Their Applications. <i>Advanced Science</i> , 2018 , 5, 1700626	5.6	50
78	Bioinspired Mesoporous Chiral Nematic Graphitic Carbon Nitride Photocatalysts modulated by Polarized Light. <i>ChemSusChem</i> , 2018 , 11, 114-119	8.3	24
77	Rapid colorimetric glucose detection chain reaction amplification of acrylic functionalized Ag@SiO nanoparticles.. <i>RSC Advances</i> , 2018 , 8, 37729-37734	3.7	6
76	Commercial Fiber Products Derived Free-Standing Porous Carbonized-Membranes for Highly Efficient Solar Steam Generation. <i>Frontiers in Materials</i> , 2018 , 5,	4	10
75	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

74	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
73	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
72	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
71	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
70	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
69	Bifunctional MOF-Derived Carbon Photonic Crystal Architectures for Advanced Zn Air and Li Batteries: Highly Exposed Graphitic Nitrogen Matters. <i>Advanced Functional Materials</i> , 2017 , 27, 1701971	15.6	121
68	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
67	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
66	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
65	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
64	Freestanding Graphitic Carbon Nitride Photonic Crystals for Enhanced Photocatalysis. <i>Advanced Functional Materials</i> , 2016 , 26, 4943-4950	15.6	105
63	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
62	Graphene-based materials for polymer solar cells. <i>Chinese Chemical Letters</i> , 2016 , 27, 1259-1270	8.1	29
61	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
60	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
59	Nickel hydroxide-carbon nanotube nanocomposites as supercapacitor electrodes: crystallinity dependent performances. <i>Nanotechnology</i> , 2015 , 26, 314003	3.4	13
58	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
57	Emergence of fiber supercapacitors. <i>Chemical Society Reviews</i> , 2015 , 44, 647-62	58.5	433

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	Catalysts for chirality selective synthesis of single-walled carbon nanotubes. <i>Carbon</i> , 2015 , 81, 1-19	10.4	92
54	All-Carbon Nanoarchitectures as High-Performance Separation Membranes with Superior Stability. <i>Advanced Functional Materials</i> , 2015 , 25, 7348-7359	15.6	195
53	Transforming Pristine Carbon Fiber Tows into High Performance Solid-State Fiber Supercapacitors. <i>Advanced Materials</i> , 2015 , 27, 4895-901	24	176
52	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
51	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
50	Graphene-based nanowire supercapacitors. <i>Langmuir</i> , 2014 , 30, 3567-71	4	62
49	Scalable synthesis of hierarchically structured carbon nanotube-graphene fibres for capacitive energy storage. <i>Nature Nanotechnology</i> , 2014 , 9, 555-62	28.7	1161
48	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
47	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
46	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
45	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
44	Hybrid ternary rice paper-manganese oxide-carbon nanotube nanocomposites for flexible supercapacitors. <i>Nanoscale</i> , 2013 , 5, 11108-17	7.7	29
43	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
42	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
41	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
40	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
39	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

38	Organo-soluble porphyrin mixed monolayer-protected gold nanorods with intercalated fullerenes. <i>Langmuir</i> , 2012 , 28, 5956-63	4	30
37	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
36	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
35	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
34	Polyelectrolyte-functionalized graphene as metal-free electrocatalysts for oxygen reduction. <i>ACS Nano</i> , 2011 , 5, 6202-9	16.7	617
33	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
32	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
31	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
30	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
29	Fullerene-Grafted Graphene for Efficient Bulk Heterojunction Polymer Photovoltaic Devices. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1113-8	6.4	195
28	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
27	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
26	Asymmetrically Functionalized Graphene for Photodependent Diode Rectifying Behavior. <i>Angewandte Chemie</i> , 2011 , 123, 6705-6708	3.6	8
25	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
24	Asymmetrically functionalized graphene for photodependent diode rectifying behavior. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6575-8	16.4	42
23	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
22	Organo-soluble chiral thiol-monolayer-protected gold nanorods. <i>Langmuir</i> , 2011 , 27, 98-103	4	42
21	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

20	Voltage-induced incandescent light emission from large-area graphene films. <i>Applied Physics Letters</i> , 2010 , 96, 143107	3.4	28
19	Self-Assembled Graphene/Carbon Nanotube Hybrid Films for Supercapacitors. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 467-470	6.4	999
18	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
17	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
16	Soluble P3HT-grafted graphene for efficient bilayer-heterojunction photovoltaic devices. <i>ACS Nano</i> , 2010 , 4, 5633-40	16.7	415
15	Biocompatible graphene oxide-based glucose biosensors. <i>Langmuir</i> , 2010 , 26, 6158-60	4	592
14	Enhanced photoresponse of CdS/CMK-3 composite as a candidate for light-harvesting assembly. <i>Nanotechnology</i> , 2010 , 21, 045601	3.4	8
13	Growth of organic/inorganic hybrid nanowires based on p-hydroxybenzoic acid. <i>Materials Chemistry and Physics</i> , 2009 , 118, 203-207	4.4	
12	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
11	Superhydrophobic electrospun POSS-PMMA copolymer fibres with highly ordered nanofibrillar and surface structures. <i>Chemical Communications</i> , 2009 , 6418-20	5.8	78
10	Temperature-dependent photoluminescence properties of synthesized schistoselike organic nanostructures. <i>Journal of Applied Physics</i> , 2008 , 103, 013104	2.5	2
9	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
8	Fabrication and characterization of PbS/multiwalled carbon nanotube heterostructures. <i>Applied Physics Letters</i> , 2007 , 90, 161103	3.4	19
7	Optical properties of synthesized organic nanowires. <i>Applied Physics Letters</i> , 2006 , 89, 241121	3.4	6
6	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
5	Reflection-enhancing coatings from layer-by-layer self-assembled polyelectrolyte/colloidal TiO ₂ multilayers 2005 , 5633, 470		
4	Metal-containing covalent organic framework: a new type of photo/electrocatalyst. <i>Rare Metals</i> , 2005 , 24, 103-107	5.5	1
3	Thermoresponsive behavior of non-isocyanate poly(hydroxyl)urethane for biomedical composite materials. <i>Advanced Composites and Hybrid Materials</i> , 2005 , 1, 1-10	8.7	0

2	Adsorption characteristics and conformational transition of polyethylene glycol grafted rosin polyesters on the water/air surface. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	1
1	Acrylonitrile-Linked Covalent Organic Frameworks Enable Fast Stimulus-Responsive Fluorescence with High Quantum Yield via Fluorine Chemistry. <i>Advanced Photonics Research</i> , 2200008	1.9	