

Jianying Huang

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.

132
papers

8,706
citations

49
h-index

92
g-index

136
ext. papers

10,760
ext. citations

9
avg, IF

6.66
L-index

#	Paper	IF	Citations
132	One-pot loading of cadmium sulfide onto tungsten carbide for efficient photocatalytic H ₂ evolution under visible light irradiation. <i>Chemical Engineering Journal</i> , 2022 , 434, 134689	14.7	4
131	A superhydrophobic TPU/CNTs@SiO ₂ coating with excellent mechanical durability and chemical stability for sustainable anti-fouling and anti-corrosion. <i>Chemical Engineering Journal</i> , 2022 , 434, 134605	14.7	12
130	Magnetic responsive and flexible composite superhydrophobic photothermal film for passive anti-icing/active deicing. <i>Chemical Engineering Journal</i> , 2022 , 427, 130922	14.7	23
129	Tea polyphenols mediated biogenic synthesis of chitosan-coated cerium oxide (CS/CeO) nanocomposites and their potent antimicrobial capabilities.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
128	Advances in particulate matter filtration: materials, performance, and application. <i>Green Energy and Environment</i> , 2022 ,	5.7	3
127	Hydrogel materials for sustainable water resources harvesting & treatment: Synthesis, mechanism and applications. <i>Chemical Engineering Journal</i> , 2022 , 439, 135756	14.7	8
126	Surface plasmon resonance metal-coupled biomass carbon modified TiO ₂ nanorods for photoelectrochemical water splitting. <i>Chinese Journal of Chemical Engineering</i> , 2021 ,	3.2	2
125	Smart surfaces with reversibly switchable wettability: Concepts, synthesis and applications.. <i>Advances in Colloid and Interface Science</i> , 2021 , 300, 102584	14.3	8
124	Superwetting patterned PDMS/PMMA materials by facile one-step electro-spraying for signal expression and liquid transportation. <i>Chemical Engineering Journal</i> , 2021 , 431, 133206	14.7	2
123	Robust Superhydrophobic rGO/PPy/PDMS Coatings on a Polyurethane Sponge for Underwater Pressure and Temperature Sensing. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	7
122	An environmentally friendly fluorine-free sandwich coating based on a nonwoven fabric for efficient unidirectional water transport. <i>Chemical Communications</i> , 2021 , 57, 12623-12626	5.8	2
121	Advanced Materials with Special Wettability toward Intelligent Oily Wastewater Remediation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 67-87	9.5	57
120	Underwater, Multifunctional Superhydrophobic Sensor for Human Motion Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 4740-4749	9.5	26
119	Recent Advances in Silicon-Based Electrodes: From Fundamental Research toward Practical Applications. <i>Advanced Materials</i> , 2021 , 33, e2004577	24	51
118	A multifunctional and environmentally-friendly method to fabricate superhydrophilic and self-healing coatings for sustainable antifogging. <i>Chemical Engineering Journal</i> , 2021 , 409, 128228	14.7	9
117	Antibacterial and Antibiofilm Formation Activities of Pyridinium-Based Cationic Pillar[5]arene Against. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 4276-4283	5.7	2
116	Biosynthesis of chitosan-coated iron oxide (FeO) hybrid nanocomposites from leaf extracts of L. and study on their antibacterial potentials. <i>3 Biotech</i> , 2021 , 11, 271	2.8	1

115	In-situ formation of unsaturated defect sites on converted CoNi alloy/Co-Ni LDH to activate MoS ₂ nanosheets for pH-universal hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , 2021 , 412, 128556	14.7	31
114	Kinetics of water absorption expansion of rice during soaking at different temperatures and correlation analysis upon the influential factors. <i>Food Chemistry</i> , 2021 , 346, 128912	8.5	5
113	Solar-assisted isotropically thermoconductive sponge for highly viscous crude oil spill remediation. <i>IScience</i> , 2021 , 24, 102665	6.1	9
112	Coupled porosity and heterojunction engineering: MOF-derived porous CoO embedded on TiO ₂ nanotube arrays for water remediation. <i>Chemosphere</i> , 2021 , 274, 129799	8.4	1
111	Namib desert beetle inspired special patterned fabric with programmable and gradient wettability for efficient fog harvesting. <i>Journal of Materials Science and Technology</i> , 2021 , 61, 85-92	9.1	30
110	Photothermal and Joule heating-assisted thermal management sponge for efficient cleanup of highly viscous crude oil. <i>Journal of Hazardous Materials</i> , 2021 , 403, 124090	12.8	39
109	Rational designed structured superhydrophobic iron oxide surface towards sustainable anti-corrosion and self-cleaning. <i>Chemical Engineering Journal</i> , 2021 , 416, 127768	14.7	18
108	Freestanding MoS ₂ @carbonized cellulose aerogel derived from waste cotton for sustainable and highly efficient particulate matter capturing. <i>Separation and Purification Technology</i> , 2021 , 254, 117571	8.3	6
107	Bioinspired structural and functional designs towards interfacial solar steam generation for clean water production. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1510-1524	7.8	14
106	Self-assembly of chiral BINOL cages imine condensation. <i>Chemical Communications</i> , 2021 , 57, 9088-9091	5.8	2
105	Fog catcher brushes with environmental friendly slippery alumina micro-needle structured surface for efficient fog-harvesting. <i>Journal of Cleaner Production</i> , 2021 , 315, 127862	10.3	10
104	A sandwich-like structured superhydrophobic fabric for versatile and highly efficient emulsion separation. <i>Separation and Purification Technology</i> , 2021 , 275, 119253	8.3	4
103	Noble-metal-free metallic MoC combined with CdS for enhanced visible-light-driven photocatalytic hydrogen evolution. <i>Journal of Cleaner Production</i> , 2021 , 322, 129018	10.3	9
102	Molybdenum sulfide cocatalyst activation upon photodeposition of cobalt for improved photocatalytic hydrogen production activity of ZnCdS. <i>Chemical Engineering Journal</i> , 2021 , 425, 131478	14.7	11
101	An effective and low-consumption foam finishing strategy for robust functional fabrics with on-demand special wettability. <i>Chemical Engineering Journal</i> , 2021 , 426, 131245	14.7	8
100	In situ recycling of particulate matter for a high-performance supercapacitor and oxygen evolution reaction. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 2742-2748	7.8	1
99	Preparation of highly crystalline nitrogen-doped carbon dots and their application in sequential fluorescent detection of Fe and ascorbic acid. <i>Food Chemistry</i> , 2020 , 326, 126935	8.5	36
98	A visualization and quantification method to evaluate the water-absorbing characteristics of rice. <i>Food Chemistry</i> , 2020 , 331, 127050	8.5	2

97	Fabrication of superhydrophobic surfaces inspired by lotus effect of plant leaves via swelling-vesiculating-cracking method. <i>Chemical Engineering Journal</i> , 2020 , 400, 125935	14.7	6
96	A transparent superhydrophobic coating with mechanochemical robustness for anti-icing, photocatalysis and self-cleaning. <i>Chemical Engineering Journal</i> , 2020 , 399, 125746	14.7	119
95	Mechanically Reinforced Localized Structure Design to Stabilize Solid-Electrolyte Interface of the Compositing Electrode of Si Nanoparticles and TiO Nanotubes. <i>Small</i> , 2020 , 16, e2002094	11	26
94	Polyaniline/Poly(acrylamide-co-sodium acrylate) Porous Conductive Hydrogels with High Stretchability by Freeze-Thaw-Shrink Treatment for Flexible Electrodes. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 1900737	3.9	7
93	Vertically-aligned Pt-decorated MoS ₂ nanosheets coated on TiO ₂ nanotube arrays enable high-efficiency solar-light energy utilization for photocatalysis and self-cleaning SERS devices. <i>Nano Energy</i> , 2020 , 71, 104579	17.1	54
92	Reducing Oxygen Evolution Reaction Overpotential in Cobalt-Based Electrocatalysts via Optimizing the "Microparticles-in-Spider Web" Electrode Configurations. <i>Small</i> , 2020 , 16, e1907029	11	23
91	Preparation and characterization of chitosan/poly(vinyl alcohol)/graphene oxide films and studies on their antibiofilm formation activity. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 2015-2022	5.4	3
90	Charged graphene aerogel filter enabled superior particulate matter removal efficiency in harsh environment. <i>Chemical Engineering Journal</i> , 2020 , 395, 125086	14.7	22
89	Progress on particulate matter filtration technology: basic concepts, advanced materials, and performances. <i>Nanoscale</i> , 2020 , 12, 437-453	7.7	61
88	A semi-interpenetrating network ionic hydrogel for strain sensing with high sensitivity, large strain range, and stable cycle performance. <i>Chemical Engineering Journal</i> , 2020 , 385, 123912	14.7	58
87	Metal-organic frameworks and their derivatives with graphene composites: preparation and applications in electrocatalysis and photocatalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2934-2961	13	93
86	Silk fibroin-derived nitrogen-doped carbon quantum dots anchored on TiO ₂ nanotube arrays for heterogeneous photocatalytic degradation and water splitting. <i>Nano Energy</i> , 2020 , 78, 105313	17.1	47
85	TiO ₂ nanotube arrays decorated with Au and Bi ₂ S ₃ nanoparticles for efficient Fe ³⁺ ions detection and dye photocatalytic degradation. <i>Journal of Materials Science and Technology</i> , 2020 , 39, 28-38	9.1	20
84	A self-roughened and biodegradable superhydrophobic coating with UV shielding, solar-induced self-healing and versatile oil-water separation ability. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2122-2128	13	156
83	In vivo and in vitro efficient textile wastewater remediation by <i>Aspergillus niger</i> biosorbent. <i>Nanoscale Advances</i> , 2019 , 1, 168-176	5.1	18
82	Crafting Mussel-Inspired Metal Nanoparticle-Decorated Ultrathin Graphitic Carbon Nitride for the Degradation of Chemical Pollutants and Production of Chemical Resources. <i>Advanced Materials</i> , 2019 , 31, e1806314	24	139
81	Particulate Matter Capturing via Naturally Dried ZIF-8/Graphene Aerogels under Harsh Conditions. <i>IScience</i> , 2019 , 16, 133-144	6.1	39
80	Robust amphiprotic konjac glucomannan cross-linked chitosan aerogels for efficient water remediation. <i>Cellulose</i> , 2019 , 26, 6785-6796	5.5	13

79	Synthesis of sulfonated chitosan and its antibiofilm formation activity against E. coli and S. aureus. <i>International Journal of Biological Macromolecules</i> , 2019 , 129, 980-988	7.9	24
78	A novel strategy for fabricating robust superhydrophobic fabrics by environmentally-friendly enzyme etching. <i>Chemical Engineering Journal</i> , 2019 , 355, 290-298	14.7	120
77	Effect of Chitosan/BSA Addition on the Physical Stability of Sunflower Oil Emulsions. <i>Journal of Food Quality</i> , 2019 , 2019, 1-8	2.7	2
76	Recent Progress of Polysaccharide-Based Hydrogel Interfaces for Wound Healing and Tissue Engineering. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900761	4.6	103
75	Rapid and Controllable Design of Robust Superwetable Microchips by a Click Reaction for Efficient -Phthalaldehyde and Glucose Detection. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 6186-6195	5.5	3
74	Effect of chitosan pre-soaking on the growth and quality of yellow soybean sprouts. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 1596-1603	4.3	9
73	Light-Driven Sustainable Hydrogen Production Utilizing TiO ₂ Nanostructures: A Review. <i>Small Methods</i> , 2019 , 3, 1800184	12.8	91
72	Liquid mobility on superwetable surfaces for applications in energy and the environment. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 38-63	13	117
71	Isolation and identification of nucleosides/nucleotides raising testosterone and NO levels of mice serum from Chinese chive (<i>Allium tuberosum</i>) leaves. <i>Andrologia</i> , 2019 , 51, e13191	2.4	0
70	Inhibition of bacterial adhesion and biofilm formation of sulfonated chitosan against <i>Pseudomonas aeruginosa</i> . <i>Carbohydrate Polymers</i> , 2019 , 206, 412-419	10.3	40
69	Polydopamine-Inspired Design and Synthesis of Visible-Light-Driven Ag @elongated TiO ₂ NTs Core/Shell Nanocomposites for Sustainable Hydrogen Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 558-568	8.3	34
68	Defective black Ti ³⁺ self-doped TiO ₂ and reduced graphene oxide composite nanoparticles for boosting visible-light driven photocatalytic and photoelectrochemical activity. <i>Applied Surface Science</i> , 2019 , 467-468, 45-55	6.7	49
67	Chitosan/cellulose-based beads for the affinity purification of histidine-tagged proteins. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 352-360	2.4	3
66	Progress in TiO nanotube coatings for biomedical applications: a review. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1862-1886	7.3	94
65	MoS Quantum Dots@TiO Nanotube Arrays: An Extended-Spectrum-Driven Photocatalyst for Solar Hydrogen Evolution. <i>ChemSusChem</i> , 2018 , 11, 1708-1721	8.3	65
64	Rational design of materials interface at nanoscale towards intelligent oil-water separation. <i>Nanoscale Horizons</i> , 2018 , 3, 235-260	10.8	192
63	Graphene aerogels for efficient energy storage and conversion. <i>Energy and Environmental Science</i> , 2018 , 11, 772-799	35.4	272
62	Rational construction of highly transparent superhydrophobic coatings based on a non-particle, fluorine-free and water-rich system for versatile oil-water separation. <i>Chemical Engineering Journal</i> , 2018 , 333, 621-629	14.7	160

61	Boosting heterojunction interaction in electrochemical construction of MoS ₂ quantum dots@TiO ₂ nanotube arrays for highly effective photoelectrochemical performance and electrocatalytic hydrogen evolution. <i>Electrochemistry Communications</i> , 2018 , 93, 152-157	5.1	26
60	Preparation of chitosan/poly vinyl alcohol films and their inhibition of biofilm formation against <i>Pseudomonas aeruginosa</i> PAO1. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 2131-2137	7.9	32
59	Co-solvent induced self-roughness superhydrophobic coatings with self-healing property for versatile oil-water separation. <i>Applied Surface Science</i> , 2018 , 459, 512-519	6.7	27
58	Mechanically Resistant and Sustainable Cellulose-Based Composite Aerogels with Excellent Flame Retardant, Sound-Absorption, and Superantiwetting Ability for Advanced Engineering Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 927-936	8.3	77
57	Bioinspired Surfaces with Superamphiphobic Properties: Concepts, Synthesis, and Applications. <i>Advanced Functional Materials</i> , 2018 , 28, 1707415	15.6	146
56	Bioinspired fabrication SERS substrate based on superwetable patterned platform for multiphase high-sensitive detecting. <i>Composites Communications</i> , 2018 , 10, 151-156	6.7	13
55	Rational Construction of LaFeO ₃ Perovskite Nanoparticle-Modified TiO ₂ Nanotube Arrays for Visible-Light Driven Photocatalytic Activity. <i>Coatings</i> , 2018 , 8, 374	2.9	11
54	Selective antifungal activity of chitosan and sulfonated chitosan against postharvest fungus isolated from blueberry. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12658	3.3	8
53	Understanding the Role of Dynamic Wettability for Condensate Microdrop Self-Propelling Based on Designed Superhydrophobic TiO Nanostructures. <i>Small</i> , 2017 , 13, 1600687	11	89
52	A review of TiO ₂ nanostructured catalysts for sustainable H ₂ generation. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 8418-8449	6.7	260
51	Immobilization of Pt Nanoparticles via Rapid and Reusable Electropolymerization of Dopamine on TiO ₂ Nanotube Arrays for Reversible SERS Substrates and Nonenzymatic Glucose Sensors. <i>Small</i> , 2017 , 13, 1604240	11	91
50	Controllable Superhydrophobic Coating on Cotton Fabric by UV Induced Thiol-ene Reaction for Wettability Patterning and Device Metallization. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700268	4.6	21
49	Constructing multifunctional MOF@rGO hydro-/aerogels by the self-assembly process for customized water remediation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 11873-11881	13	147
48	3D Au-decorated BiMoO ₆ nanosheet/TiO ₂ nanotube array heterostructure with enhanced UV and visible-light photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16412-16421	13	125
47	Facile construction of robust fluorine-free superhydrophobic TiO ₂ @fabrics with excellent anti-fouling, water-oil separation and UV-protective properties. <i>Materials and Design</i> , 2017 , 128, 1-8	8.1	86
46	Multifunctional superamphiphobic fabrics with asymmetric wettability for one-way fluid transport and templated patterning. <i>Cellulose</i> , 2017 , 24, 1129-1141	5.5	38
45	Bioinspired Special Wettability Surfaces: From Fundamental Research to Water Harvesting Applications. <i>Small</i> , 2017 , 13, 1602992	11	187
44	Uniform carbon dots@TiO ₂ nanotube arrays with full spectrum wavelength light activation for efficient dye degradation and overall water splitting. <i>Nanoscale</i> , 2017 , 9, 16046-16058	7.7	77

43	Bioinspired Surfaces with Superwettability for Anti-Icing and Ice-Phobic Application: Concept, Mechanism, and Design. <i>Small</i> , 2017 , 13, 1701867	11	145
42	Insight into the interaction between chitosan and bovine serum albumin. <i>Carbohydrate Polymers</i> , 2017 , 176, 75-82	10.3	40
41	Rational design of multi-layered superhydrophobic coating on cotton fabrics for UV shielding, self-cleaning and oil-water separation. <i>Materials and Design</i> , 2017 , 134, 342-351	8.1	119
40	Robust translucent superhydrophobic PDMS/PMMA film by facile one-step spray for self-cleaning and efficient emulsion separation. <i>Chemical Engineering Journal</i> , 2017 , 330, 26-35	14.7	169
39	A review on special wettability textiles: theoretical models, fabrication technologies and multifunctional applications. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 31-55	13	394
38	Synthesis, characterization, and antimicrobial activities of sulfonated chitosan. <i>Carbohydrate Polymers</i> , 2017 , 155, 321-328	10.3	84
37	One-dimensional TiO Nanotube Photocatalysts for Solar Water Splitting. <i>Advanced Science</i> , 2017 , 4, 1600152	15.2	295
36	Durable antibacterial and UV-protective Ag/TiO@ fabrics for sustainable biomedical application. <i>International Journal of Nanomedicine</i> , 2017 , 12, 2593-2606	7.3	66
35	Highly Flexible and Porous Nanoparticle-Loaded Films for Dye Removal by Graphene Oxide-Fungus Interaction. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 34638-34647	9.5	54
34	Recent Advances in TiO ₂ -Based Nanostructured Surfaces with Controllable Wettability and Adhesion. <i>Small</i> , 2016 , 12, 2203-24	11	228
33	A review of one-dimensional TiO ₂ nanostructured materials for environmental and energy applications. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6772-6801	13	655
32	Batch affinity adsorption of His-tagged proteins with EDTA-based chitosan. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 879-91	5.7	9
31	Pyridine-grafted chitosan derivative as an antifungal agent. <i>Food Chemistry</i> , 2016 , 196, 381-7	8.5	48
30	Synthesis, antioxidant and cathepsin D inhibition activity of quaternary ammonium chitosan derivatives. <i>Carbohydrate Polymers</i> , 2016 , 136, 884-91	10.3	24
29	Robust fluorine-free superhydrophobic PDMS@mosil@fabrics for highly effective self-cleaning and efficient oil-water separation. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 12179-12187	13	336
28	Effects of post-harvest stigmasterol treatment on quality-related parameters and antioxidant enzymes of green asparagus (<i>Asparagus officinalis</i> L.). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 1785-1792	3.2	5
27	Effect of Chitosan as an Antifungal and Preservative Agent on Postharvest Blueberry. <i>Journal of Food Quality</i> , 2016 , 39, 516-523	2.7	20
26	Flame retardance and thermal stability of wool fabric treated by boron containing silica sols. <i>Materials and Design</i> , 2015 , 85, 796-799	8.1	31

25	Silver/chitosan-based Janus particles: Synthesis, characterization, and assessment of antimicrobial activity in vivo and vitro. <i>Food Research International</i> , 2015 , 78, 433-441	7	21
24	Titanate and titania nanostructured materials for environmental and energy applications: a review. <i>RSC Advances</i> , 2015 , 5, 79479-79510	3.7	209
23	Multifunctional wettability patterns prepared by laser processing on superhydrophobic TiO nanostructured surfaces. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 342-347	7.3	58
22	Multifunctional TiO ₂ -Based Particles: The Effect of Fluorination Degree and Liquid Surface Tension on Wetting Behavior. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 355-363	3.1	19
21	Enhanced photocatalytic performances of n-TiO ₂ nanotubes by uniform creation of p-n heterojunctions with p-BiOCl quantum dots. <i>Nanoscale</i> , 2015 , 7, 11552-60	7.7	102
20	Effect of chitosan and its derivatives as antifungal and preservative agents on postharvest green asparagus. <i>Food Chemistry</i> , 2014 , 155, 105-11	8.5	81
19	Preparation, Antibacterial, and Antioxidant Activities of Silver/Chitosan Composites. <i>Journal of Carbohydrate Chemistry</i> , 2014 , 33, 298-312	1.7	29
18	Controllable wettability and adhesion on bioinspired multifunctional TiO ₂ nanostructure surfaces for liquid manipulation. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18531-18538	13	76
17	Bioinspired patterning with extreme wettability contrast on TiO ₂ nanotube array surface: a versatile platform for biomedical applications. <i>Small</i> , 2013 , 9, 2945-53	11	144
16	Evaluation antibacterial activity of quaternary-based chitin/chitosan derivatives in vitro. <i>Journal of Food Science</i> , 2013 , 78, M90-7	3.4	28
15	Antibacterial activity evaluation of quaternary chitin against Escherichia coli and Staphylococcus aureus. <i>International Journal of Biological Macromolecules</i> , 2013 , 52, 85-91	7.9	37
14	Chitosan-based edible coatings for quality preservation of postharvest whiteleg shrimp (<i>Litopenaeus vannamei</i>). <i>Journal of Food Science</i> , 2012 , 77, C491-6	3.4	76
13	One-step cyclization: synthesis of N-heteroalkyl-N'-tosylpiperazines. <i>Journal of Organic Chemistry</i> , 2012 , 77, 7506-11	4.2	7
12	Multi-functional hybrid protonated titanate nanobelts with tunable wettability. <i>Soft Matter</i> , 2011 , 7, 6313	3.6	22
11	Controllable construction of ZnO/TiO ₂ patterning nanostructures by superhydrophilic/superhydrophobic templates. <i>New Journal of Chemistry</i> , 2010 , 34, 44-51	3.6	40
10	Fabrication of patterned CdS/TiO ₂ heterojunction by wettability template-assisted electrodeposition. <i>Materials Letters</i> , 2010 , 64, 1309-1312	3.3	25
9	Selective formation of ordered arrays of octacalcium phosphate ribbons on TiO ₂ nanotube surface by template-assisted electrodeposition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 76, 117-22	6	47
8	Superhydrophilic/Superhydrophobic Template: A Simple Approach to Micro- and Nanostructure Patterning of TiO ₂ Films. <i>Journal of the Electrochemical Society</i> , 2009 , 156, D480	3.9	31

7	Designing Superhydrophobic Porous Nanostructures with Tunable Water Adhesion. <i>Advanced Materials</i> , 2009 , 21, 3799-3803	24	397
6	Markedly controllable adhesion of superhydrophobic spongelike nanostructure TiO ₂ films. <i>Langmuir</i> , 2008 , 24, 3867-73	4	169
5	Superhydrophilic/Superhydrophobic micropattern on TiO ₂ nanotube films by photocatalytic lithography. <i>Electrochemistry Communications</i> , 2008 , 10, 387-391	5.1	127
4	Controlled synthesis of high-ortho-substitution phenol-formaldehyde resins. <i>Journal of Applied Polymer Science</i> , 2005 , 97, 652-658	2.9	32
3	Studies on Lyotropic Liquid-Crystalline N-Alkyl Chitosans in Formic Acid. <i>Macromolecular Bioscience</i> , 2002 , 2, 131	5.5	5
2	Fluorescent Detection of Organophosphorus Pesticides Using Carbon Dots Derived from Broccoli. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	2
1	Rational construction of superhydrophobic PDMS/PTW@ cotton fabric for efficient UV/NIR light shielding. <i>Cellulose</i> , 1	5.5	0