Wei Wu

List of Publications by Year
in descending order

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154 papers	12,087 citations	30047 54 h-index	27389 106 g-index
155 all docs	155 docs citations	155 times ranked	17951 citing authors

#	Article	IF	Citations
1	Fully Printed Stretchable and Multifunctional Eâ€Textiles for Aesthetic Wearable Electronic Systems. Small, 2022, 18, e2107298.	5.2	50
2	Tunable multimodal printable up-/down-conversion nanomaterials for gradient information encryption. Nanoscale, 2022, 14, 7137-7145.	2.8	7
3	Electrode materials and device architecture strategies for flexible supercapacitors in wearable energy storage. Journal of Materials Chemistry A, 2021, 9, 8099-8128.	5.2	93
4	Recent advances in printed flexible heaters for portable and wearable thermal management. Materials Horizons, 2021, 8, 1634-1656.	6.4	62
5	Synthesis of 2D Ti₃C₂T_x MXene and MXene-based composites for flexible strain and pressure sensors. Nanoscale Horizons, 2021, 6, 893-906.	4.1	26
6	Printable, Down/Upâ€Conversion Tripleâ€Mode Fluorescence Responsive and Colorless Selfâ€Healing Elastomers with Superior Toughness. Advanced Functional Materials, 2021, 31, 2100211.	7.8	51
7	Printed Stretchable Multifunctional E-textile for Wearable electronics. , 2021, , .		2
8	Blue-to-green manipulation of carbon dots from fluorescence to ultralong room-temperature phosphorescence for high-level anti-counterfeiting. Chinese Chemical Letters, 2021, 32, 3907-3910.	4.8	27
9	Combinations of Superior Inorganic Phosphors for Levelâ€Tunable Information Hiding and Encoding. Advanced Optical Materials, 2021, 9, 2100281.	3.6	37
10	Plasmonic dye-sensitized solar cells through collapsible gold nanofingers. Nanotechnology, 2021, 32, 355301.	1.3	3
11	Printed flexible supercapacitor: Ink formulation, printable electrode materials and applications. Applied Physics Reviews, 2021, 8, .	5.5	67
12	In situ observation of the solid solution-induced sublimation of CuAg Janus nanoparticles. Journal of Alloys and Compounds, 2021, 877, 160168.	2.8	6
13	Cobalt Hydroxide Nanosheets Grown on Carbon Nanotubes Anchored in Wood Carbon Scaffolding for High-Performance Hybrid Supercapacitors. Energy & Fuels, 2021, 35, 18815-18823.	2.5	15
14	Directly printing of upconversion fluorescence-responsive elastomers for self-healable optical application. Chemical Engineering Journal, 2020, 384, 123375.	6.6	31
15	Multifunctional Ultrastretchable Printed Soft Electronic Devices for Wearable Applications. Advanced Electronic Materials, 2020, 6, 1900922.	2.6	55
16	Designing Multicolor Dualâ€Mode Lanthanideâ€Doped NaLuF₄/Y₂O₃ Composites for Advanced Anticounterfeiting. Advanced Optical Materials, 2020, 8, 1901209.	3.6	67
17	Enhanced pseudocapacitive performance of CoSnO3 through Mn2+ doping by ion-exchange method for all-printed supercapacitors. Electrochimica Acta, 2020, 331, 135298.	2.6	11
18	Printed Flexible Heatersâ€Based Thermotherapy Platform for Multiduty Thermal Management. Advanced Materials Technologies, 2020, 5, 2000278.	3.0	23

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19	Recent progress on photocatalytic heterostructures with full solar spectral responses. Chemical Engineering Journal, 2020, 393, 124719.	6.6	123
20	Recent achievements in self-healing materials based on ionic liquids: a review. Journal of Materials Science, 2020, 55, 13543-13558.	1.7	37
21	Screenâ€Printed Flexible Strain Sensors with Ag Nanowires for Intelligent and Tamperâ€Evident Packaging Applications. Advanced Materials Technologies, 2020, 5, 1901097.	3.0	33
22	Allâ€Printed MnHCFâ€MnO_xâ€Based Highâ€Performance Flexible Supercapacitors. Advanced Energy Materials, 2020, 10, 2000022.	10.2	113
23	Oneâ€Stepâ€Printed, Highly Sensitive, Textileâ€Based, Tunable Performance Strain Sensors for Human Motion Detection. Advanced Materials Technologies, 2020, 5, 1900925.	3.0	68
24	NIR light-activated upconversion semiconductor photocatalysts. Nanoscale Horizons, 2019, 4, 10-25.	4.1	113
25	Holographic polymer nanocomposites with simultaneously boosted diffraction efficiency and upconversion photoluminescence. Composites Science and Technology, 2019, 181, 107705.	3.8	19
26	Catalytic Application and Mechanism Studies of Argentic Chloride Coupled Ag/Au Hollow Heterostructures: Considering the Interface Between Ag/Au Bimetals. Nanoscale Research Letters, 2019, 14, 35.	3.1	23
27	All-printed, low-cost, tunable sensing range strain sensors based on Ag nanodendrite conductive inks for wearable electronics. Journal of Materials Chemistry C, 2019, 7, 809-818.	2.7	82
28	Printing the Ultra-Long Ag Nanowires Inks onto the Flexible Textile Substrate for Stretchable Electronics. Nanomaterials, 2019, 9, 686.	1.9	26
29	Large-area, kirigami topology structure-induced highly stretchable and flexible interconnects: Directly printing preparation and mechanic mechanism. Science China Materials, 2019, 62, 1412-1422.	3.5	13
30	Ni(OH)2/NiMoO4 nanoplates for large-scale fully-printed flexible solid-state supercapacitors. Journal of Power Sources, 2019, 433, 126676.	4.0	28
31	All-printed solid-state supercapacitors with versatile shapes and superior flexibility for wearable energy storage. Journal of Materials Chemistry A, 2019, 7, 15960-15968.	5.2	57
32	Toward fiber-, paper-, and foam-based flexible solid-state supercapacitors: electrode materials and device designs. Nanoscale, 2019, 11, 7041-7061.	2.8	133
33	Structure-designed fabrication of all-printed flexible in-plane solid-state supercapacitors for wearable electronics. Journal of Power Sources, 2019, 425, 195-203.	4.0	39
34	Novel Interface in CuAg Nanostructure Induced by Size Effect. Journal of Physical Chemistry Letters, 2019, 10, 1973-1980.	2.1	19
35	Tunable Emissions of Upconversion Fluorescence for Security Applications. Advanced Optical Materials, 2019, 7, 1801171.	3.6	151
36	Screenâ€Printed, Lowâ€Cost, and Patterned Flexible Heater Based on Ag Fractal Dendrites for Human Wearable Application. Advanced Materials Technologies, 2019, 4, 1800453.	3.0	64

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37	Recent progress in printed flexible solid-state supercapacitors for portable and wearable energy storage. Journal of Power Sources, 2019, 410-411, 69-77.	4.0	159
38	Efficient solid-state and dual-mode photoluminescence of carbon-dots/NaLuF4 microcrystals for multifunctional applications. Journal of Alloys and Compounds, 2019, 775, 457-465.	2.8	14
39	Stretchable electronics: functional materials, fabrication strategies and applications. Science and Technology of Advanced Materials, 2019, 20, 187-224.	2.8	245
40	Dual upconversion nanophotoswitch for security encoding. Science China Materials, 2019, 62, 368-378.	3.5	40
41	Highly conductive, flexible and stretchable conductors based on fractal silver nanostructures. Journal of Materials Chemistry C, 2018, 6, 3999-4006.	2.7	45
42	Allâ€Printed Solidâ€State Microsupercapacitors Derived from Selfâ€Template Synthesis of Ag@PPy Nanocomposites. Advanced Materials Technologies, 2018, 3, 1700206.	3.0	61
43	Radiopaque Fully Degradable Nanocomposites for Coronary Stents. Scientific Reports, 2018, 8, 17409.	1.6	26
44	All-printed ultraflexible and stretchable asymmetric in-plane solid-state supercapacitors (ASCs) for wearable electronics. Journal of Power Sources, 2018, 397, 59-67.	4.0	69
45	Protonated Branched Polyethyleneimine Induces the Shape Evolution of BiOCl and Exposed {010} Facet of BiOCl Nanosheets. Crystal Growth and Design, 2018, 18, 5479-5491.	1.4	30
46	Tunable and ultra-stable UV light-switchable fluorescent composites for information hiding and storage. Dalton Transactions, 2018, 47, 11264-11271.	1.6	27
47	Sculpting Extreme Electromagnetic Field Enhancement in Free Space for Molecule Sensing. Small, 2018, 14, e1801146.	5.2	36
48	Printable Monodisperse Allâ€Inorganic Perovskite Quantum Dots: Synthesis and Banknotes Protection Applications. Advanced Materials Technologies, 2018, 3, 1800150.	3.0	49
49	Ultrasensitive SERS performance in 3D â€œsunflower-likeâ€•nanoarrays decorated with Ag nanoparticles. Nanoscale, 2017, 9, 3114-3120.	2.8	118
50	Dimensional heterostructures of 1D CdS/2D ZnIn₂S₄ composited with 2D graphene: designed synthesis and superior photocatalytic performance. Dalton Transactions, 2017, 46, 2770-2777.	1.6	73
51	Inorganic nanomaterials for printed electronics: a review. Nanoscale, 2017, 9, 7342-7372.	2.8	423
52	Efficient Visible Light Formaldehyde Oxidation with 2D p-n Heterostructure of BiOBr/BiPO₄ Nanosheets at Room Temperature. ACS Sustainable Chemistry and Engineering, 2017, 5, 5008-5017.	3.2	71
53	Controllable synthesis of Au@SnO₂coreâ€“shell nanohybrids with enhanced photocatalytic activities. Materials Research Express, 2017, 4, 055502.	0.8	5
54	Facile synthesis and screen printing of dual-mode luminescent NaYF₄:Er,Yb (Tm)/carbon dots for anti-counterfeiting applications. Journal of Materials Chemistry C, 2017, 5, 6512-6520.	2.7	128

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55	Zinc Oxide Coating Effect for the Dye Removal and Photocatalytic Mechanisms of Flower-Like MoS2 Nanoparticles. Nanoscale Research Letters, 2017, 12, 221.	3.1	57
56	Ultrasensitive SERS Substrate Integrated with Uniform Subnanometer Scale â€œHot Spotsâ€•Created by a Graphene Spacer for the Detection of Mercury Ions. Small, 2017, 13, 1603347.	5.2	101
57	Improved Thermal Stability of Graphene-Veiled Noble Metal Nanoarrays as Recyclable SERS Substrates. ACS Applied Materials & Interfaces, 2017, 9, 40726-40733.	4.0	43
58	Preparation and RGB upconversion optic properties of transparent anti-counterfeiting films. Nanoscale, 2017, 9, 15982-15989.	2.8	90
59	Full-spectrum-activated Z-scheme photocatalysts based on NaYF₄:Yb³⁺/Er³⁺, TiO₂ and Ag₆Si₂O₇. Journal of Materials Chemistry A, 2017, 5, 23566-23576.	5.2	72
60	Efficient UVâ€“Vis-NIR Responsive Upconversion and Plasmonic-Enhanced Photocatalyst Based on Lanthanide-Doped NaYF₄/SnO₂/Ag. ACS Sustainable Chemistry and Engineering, 2017, 5, 10889-10899.	3.2	76
61	Facile Synthesis of Silver Nanowires with Different Aspect Ratios and Used as High-Performance Flexible Transparent Electrodes. Nanoscale Research Letters, 2017, 12, 480.	3.1	52
62	Synthesis and photocatalytic application of trinary structural g-C3N4/Ag/Ag3PO4 composite nanomaterials. Journal of Environmental Chemical Engineering, 2017, 5, 5777-5785.	3.3	14
63	Facile synthesis of amorphous FeOOH/MnO2 composites as screen-printed electrode materials for all-printed solid-state flexible supercapacitors. Journal of Power Sources, 2017, 361, 31-38.	4.0	71
64	Significant Radiation Tolerance and Moderate Reduction in Thermal Transport of a Tungsten Nanofilm by Inserting Monolayer Graphene. Advanced Materials, 2017, 29, 1604623.	11.1	49
65	Design of Enhanced Catalysts by Coupling of Noble Metals (Au,Ag) with Semiconductor SnO₂ for Catalytic Reduction of 4â€Nitrophenol. Particle and Particle Systems Characterization, 2016, 33, 212-220.	1.2	23
66	Fabrication of highly homogeneous surface-enhanced Raman scattering substrates using Ag ion implantation. Journal of Physics Condensed Matter, 2016, 28, 254003.	0.7	5
67	Synthesis and optical properties of gold nanorods with controllable morphology. Journal of Physics Condensed Matter, 2016, 28, 434002.	0.7	22
68	Preparing of Highly Conductive Patterns on Flexible Substrates by Screen Printing of Silver Nanoparticles with Different Size Distribution. Nanoscale Research Letters, 2016, 11, 412.	3.1	40
69	Shape-controlled iron oxide nanocrystals: synthesis, magnetic properties and energy conversion applications. CrystEngComm, 2016, 18, 6303-6326.	1.3	61
70	Recent progress in the fabrication of SERS substrates based on the arrays of polystyrene nanospheres. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	11
71	High Mobility MoS₂ Transistor with Low Schottky Barrier Contact by Using Atomic Thick hâ€BN as a Tunneling Layer. Advanced Materials, 2016, 28, 8302-8308.	11.1	398
72	Anchoring of Ag₆Si₂O₇ nanoparticles on Î±-Fe₂O₃ short nanotubes as a Z-scheme photocatalyst for improving their photocatalytic performances. Dalton Transactions, 2016, 45, 12745-12755.	1.6	38

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73	Designed synthesis and surface engineering strategies of magnetic iron oxide nanoparticles for biomedical applications. Nanoscale, 2016, 8, 19421-19474.	2.8	326
74	Wetting properties and SERS applications of ZnO/Ag nanowire arrays patterned by a screen printing method. Journal of Materials Chemistry C, 2016, 4, 6371-6379.	2.7	65
75	Large-scale synthesis and screen printing of upconversion hexagonal-phase NaYF₄:Yb³⁺,Tm³⁺/Er³⁺/Eu³⁺ plates for security applications. Journal of Materials Chemistry C, 2016, 4, 6327-6335.	2.7	113
76	Shape control of inorganic nanoparticles from solution. Nanoscale, 2016, 8, 1237-1259.	2.8	370
77	Application of temperature cycling for crystal quality control during crystallization. CrystEngComm, 2016, 18, 2222-2238.	1.3	55
78	In situ Oxidation and Self-Assembly Synthesis of Dumbbell-like Î±-Fe₂O₃/Ag/AgX (X = Cl, Br, I) Heterostructures with Enhanced Photocatalytic Properties. ACS Sustainable Chemistry and Engineering, 2016, 4, 1521-1530.	3.2	48
79	Carbon and silica interlayer influence for the photocatalytic performances of spindle-like Î±-Fe 2 O 3 /Bi 2 O 3 p â€“ n heterostructures. Materials Science in Semiconductor Processing, 2016, 41, 411-419.	1.9	25
80	Formation of Carbonized Polystyrene Sphere/hemisphere Shell Arrays by Ion Beam Irradiation and Subsequent Annealing or Chloroform Treatment. Scientific Reports, 2015, 5, 17529.	1.6	17
81	Preparation of M@BiFeO₃ Nanocomposites (MÂ=ÂAg, Au) Bowl Arrays with Enhanced Visible Light Photocatalytic Activity. Journal of the American Ceramic Society, 2015, 98, 2255-2263.	1.9	50
82	Amorphous carbon framework stabilized SnO₂ porous nanowires as high performance Li-ion battery anode materials. RSC Advances, 2015, 5, 49926-49932.	1.7	33
83	Plasmon-driven reaction controlled by the number of graphene layers and localized surface plasmon distribution during optical excitation. Light: Science and Applications, 2015, 4, e342-e342.	7.7	178
84	CdSe/ZnS coreâ€“shell quantum dots charge trapping layer for flexible photonic memory. Journal of Materials Chemistry C, 2015, 3, 3173-3180.	2.7	46
85	Anion-mediated synthesis of monodisperse silver nanoparticles useful for screen printing of high-conductivity patterns on flexible substrates for printed electronics. RSC Advances, 2015, 5, 9783-9791.	1.7	23
86	A one-pot route to the synthesis of alloyed Cu/Ag bimetallic nanoparticles with different mass ratios for catalytic reduction of 4-nitrophenol. Journal of Materials Chemistry A, 2015, 3, 3450-3455.	5.2	145
87	Low-Cost, Disposable, Flexible and Highly Reproducible Screen Printed SERS Substrates for the Detection of Various Chemicals. Scientific Reports, 2015, 5, 10208.	1.6	106
88	Sub-100nm hollow SnO2@C nanoparticles as anode material for lithium ion batteries and significantly enhanced cycle performances. Chinese Chemical Letters, 2015, 26, 1293-1297.	4.8	22
89	Tube-like Î±-Fe₂O₃@Ag/AgCl heterostructure: controllable synthesis and enhanced plasmonic photocatalytic activity. RSC Advances, 2015, 5, 61239-61248.	1.7	22
90	Controlled preparation of hollow SnO2@M (M = Au, Ag) heterostructures through template-assist method for enhanced photocatalysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 276-282.	2.3	11

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91	Irradiation-induced TiO2 nanorods for photoelectrochemical hydrogen production. International Journal of Hydrogen Energy, 2015, 40, 5034-5041.	3.8	21
92	Monolayer graphene on nanostructured Ag for enhancement of surface-enhanced Raman scattering stable platform. Nanotechnology, 2015, 26, 125603.	1.3	23
93	Recent progress on magnetic iron oxide nanoparticles: synthesis, surface functional strategies and biomedical applications. Science and Technology of Advanced Materials, 2015, 16, 023501.	2.8	1,159
94	Efficient enhancement of hydrogen production by Ag/Cu2O/ZnO tandem triple-junction photoelectrochemical cell. Applied Physics Letters, 2015, 106, .	1.5	39
95	Tetragonal hematite single crystals as anode materials for high performance lithium ion batteries. Journal of Power Sources, 2015, 286, 124-129.	4.0	18
96	3D Flowerlike Î±-Fe₂O₃@TiO₂ Coreâ€"Shell Nanostructures: General Synthesis and Enhanced Photocatalytic Performance. ACS Sustainable Chemistry and Engineering, 2015, 3, 2975-2984.	3.2	184
97	Benzocyclobutene (BCB) Polymer as Amphibious Buffer Layer for Graphene Field-Effect Transistor. Journal of Nanoscience and Nanotechnology, 2015, 15, 5706-5710.	0.9	3
98	Recent progress in magnetic iron oxideâ€"semiconductor composite nanomaterials as promising photocatalysts. Nanoscale, 2015, 7, 38-58.	2.8	453
99	Fabrication of TiO2Nanofilm Photoelectrodes on Ti Foil by Ti Ion Implantation and Subsequent Annealing. Advances in Condensed Matter Physics, 2014, 2014, 1-7.	0.4	1
100	Modulating the threshold voltage of oxide nanowire field-effect transistors by a Ga+ ion beam. Nano Research, 2014, 7, 1691-1698.	5.8	20
101	Formation of TiO2nanorods by ion irradiation. Journal of Applied Physics, 2014, 115, 184306.	1.1	11
102	Side-to-side alignment of gold nanorods with polarization-free characteristic for highly reproducible surface enhanced Raman scattering. Applied Physics Letters, 2014, 105, 211902.	1.5	14
103	Synergistic effect of V/N codoping by ion implantation on the electronic and optical properties of TiO2. Journal of Applied Physics, 2014, 115, 143106.	1.1	8
104	Fabrication of TiO₂-based composite films by sequential ion implantation and subsequent annealing. Materials Research Express, 2014, 1, 025703.	0.8	5
105	Self-assemble SnO₂@TiO₂ porous nanowireâ€"nanosheet heterostructures for enhanced photocatalytic property. CrystEngComm, 2014, 16, 10863-10869.	1.3	29
106	Fabrication, characterization and screen printing of conductive ink based on carbon@Ag coreâ€"shell nanoparticles. Journal of Colloid and Interface Science, 2014, 427, 15-19.	5.0	28
107	â€œRings of saturn-likeâ€•nanoarrays with high number density of hot spots for surface-enhanced Raman scattering. Applied Physics Letters, 2014, 105, 033515.	1.5	21
108	Efficient enhancement of solar-water-splitting by modified â€œZ-schemeâ€•structural WO3-W-Si photoelectrodes. Applied Physics Letters, 2014, 105, 143902.	1.5	17

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109	Template and Silica Interlayer Tailorable Synthesis of Spindle-like Multilayer Î±-Fe₂O₃/Ag/SnO₂ Ternary Hybrid Architectures and Their Enhanced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2014, 6, 1113-1124.	4.0	67
110	Microâ€"Nanosized Nontraditional Evaporated Structures Based on Closely Packed Monolayer Binary Colloidal Crystals and Their Fine Structure Enhanced Properties. Journal of Physical Chemistry C, 2014, 118, 20521-20528.	1.5	22
111	Significantly enhanced dye removal performance of hollow tin oxide nanoparticles via carbon coating in dark environment and study of its mechanism. Nanoscale Research Letters, 2014, 9, 442.	3.1	20
112	Obviously Angular, Cuboid-Shaped TiO2 Nanowire Arrays Decorated with Ag Nanoparticle as Ultrasensitive 3D Surface-Enhanced Raman Scattering Substrates. Journal of Physical Chemistry C, 2014, 118, 22711-22718.	1.5	30
113	Tube-Like Ternary Î±-Fe₂O₃@SnO₂@Cu₂O Sandwich Heterostructures: Synthesis and Enhanced Photocatalytic Properties. ACS Applied Materials & Interfaces, 2014, 6, 13088-13097.	4.0	81
114	Energy dependence on formation of TiO2 nanofilms by Ti ion implantation and annealing. Materials Research Bulletin, 2014, 51, 376-380.	2.7	6
115	Metal ion-mediated synthesis and shape-dependent magnetic properties of single-crystalline Î±-Fe₂O₃ nanoparticles. CrystEngComm, 2014, 16, 5566-5572.	1.3	30
116	Size effects of Ag nanoparticles on plasmon-induced enhancement of photocatalysis of Ag-Î±-Fe2O3 nanocomposites. Journal of Colloid and Interface Science, 2014, 427, 29-34.	5.0	46
117	Controllable synthesis of recyclable coreâ€"shell Î³-Fe2O3@SnO2 hollow nanoparticles with enhanced photocatalytic and gas sensing properties. Physical Chemistry Chemical Physics, 2013, 15, 8228.	1.3	57
118	The ion implantation-induced properties of one-dimensional nanomaterials. Nanoscale Research Letters, 2013, 8, 175.	3.1	24
119	Efficiency enhancements in Ag nanoparticles-SiO2-TiO2 sandwiched structure via plasmonic effect-enhanced light capturing. Nanoscale Research Letters, 2013, 8, 73.	3.1	38
120	Synthesis of graphene by MEVVA source ion implantation. Nuclear Instruments & Methods in Physics Research B, 2013, 305, 29-32.	0.6	6
121	Large-area, well-ordered, uniform-sized bowtie nanoantenna arrays for surface enhanced Raman scattering substrate with ultra-sensitive detection. Applied Physics Letters, 2013, 103, .	1.5	39
122	Enhanced and polarization dependence of surface-enhanced Raman scattering in silver nanoparticle array-nanowire systems. Applied Physics Letters, 2013, 102, 163108.	1.5	20
123	Single-crystalline Î±-Fe2O3 nanostructures: controlled synthesis and high-index plane-enhanced photodegradation by visible light. Journal of Materials Chemistry A, 2013, 1, 6888.	5.2	96
124	SiO2â€"Agâ€"SiO2â€"TiO2 multi-shell structures: plasmon enhanced photocatalysts with wide-spectral-response. Journal of Materials Chemistry A, 2013, 1, 13128.	5.2	71
125	Fabrication and characterization of Ag-implantation modificated TiO2 films followed with thermal annealing. Nuclear Instruments & Methods in Physics Research B, 2013, 307, 373-376.	0.6	5
126	Non-centrosymmetric Auâ€"SnO2 hybrid nanostructures with strong localization of plasmonic for enhanced photocatalysis application. Nanoscale, 2013, 5, 5628.	2.8	51

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127	Spindle-Like <I>Î±</I>-Fe₂O₃ Embedded with TiO₂ Nanocrystalline: Ion Implantation Preparation and Enhanced Magnetic Properties. Journal of Nanoscience and Nanotechnology, 2013, 13, 5428-5433.	0.9	7
128	A Novel Way to Fabricate Superhydrophilic and Antibacterial TiO2Nanofilms on Glass by Ion Implantation and Subsequent Annealing. Japanese Journal of Applied Physics, 2013, 52, 100207.	0.8	5
129	Fabrication and properties of TiO₂nanofilms on different substrates by a novel and universal method of Ti-ion implantation and subsequent annealing. Nanotechnology, 2013, 24, 255603.	1.3	13
130	Modified in situ and self-catalytic growth method for fabrication of Ag-coated nanocomposites with tailorable optical properties. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	18
131	A Comparative Study of the Magnetic Behavior of Single and Tubular Clustered Magnetite Nanoparticles. Journal of Low Temperature Physics, 2012, 168, 306-313.	0.6	21
132	Double 3-fold-symmetry novel ZnO hierarchical nanostructure arrays: Synthesis, characterization, and photoluminescence properties. Materials Letters, 2012, 86, 182-185.	1.3	8
133	Enhanced photocatalysis by coupling of anatase TiO2 film to triangular Ag nanoparticle island. Nanoscale Research Letters, 2012, 7, 239.	3.1	43
134	Controllable Synthesis, Magnetic Properties, and Enhanced Photocatalytic Activity of Spindlelike Mesoporous Î±-Fe₂O₃/ZnO Coreâ€"Shell Heterostructures. ACS Applied Materials & Interfaces, 2012, 4, 3602-3609.	4.0	168
135	Novel doping for synthesis monodispersed TiO2 grains filled into spindle-like hematite bi-component nanoparticles by ion implantation. AIP Advances, 2012, 2, .	0.6	9
136	Polymerâ€Supported Bimetallic Ag@AgAu Nanocomposites: Synthesis and Catalytic Properties. Chemistry - an Asian Journal, 2012, 7, 1781-1788.	1.7	28
137	Growth and great UV emission improvement of highly crystalline quality coreâ€"shell ZnO/MgO nanowires. Materials Letters, 2012, 84, 147-150.	1.3	18
138	Size control and magnetic properties of single layer monodisperse Ni nanoparticles prepared by magnetron sputtering. Journal of Materials Science, 2012, 47, 508-513.	1.7	9
139	Controlled synthesis of magnetic iron oxides@SnO2 quasi-hollow coreâ€"shell heterostructures: formation mechanism, and enhanced photocatalytic activity. Nanoscale, 2011, 3, 4676.	2.8	87
140	Facile method to synthesize magnetic iron oxides/TiO2 hybrid nanoparticles and their photodegradation application of methylene blue. Nanoscale Research Letters, 2011, 6, 533.	3.1	90
141	Preparation and characterization of spindle-like Fe3O4 mesoporous nanoparticles. Nanoscale Research Letters, 2011, 6, 89.	3.1	66
142	Controlled Synthesis of Monodisperse Subâ€100â€…nm Hollow SnO₂ Nanospheres: A Templateâ€• and Surfactantâ€Free Solutionâ€Phase Route, the Growth Mechanism, Optical Properties, and Application as a Photocatalyst. Chemistry - A European Journal, 2011, 17, 9708-9719.	1.7	57
143	Characterization of DC reactive magnetron sputtered NiO films using spectroscopic ellipsometry. Applied Surface Science, 2011, 257, 5908-5912.	3.1	27
144	Controllable Synthesis of TiO2 Submicrospheres with Smooth or Rough Surface. Chemistry Letters, 2010, 39, 684-685.	0.7	5

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145	Controllable Synthesis and Optical Properties of Connected Zinc Oxide Nanoparticles. Chemistry - an Asian Journal, 2010, 5, 315-321.	1.7	15
146	Facile Fabrication of Ultrafine Hollow Silica and Magnetic Hollow Silica Nanoparticles by a Dual-Templating Approach. Nanoscale Research Letters, 2010, 5, 116-123.	3.1	14
147	Synthesis and Magnetic Properties of Maghemite (Î³-Fe2O3) Short-Nanotubes. Nanoscale Research Letters, 2010, 5, 1474-1479.	3.1	113
148	Antibacterial Silver-Containing Silica Glass Prepared by Ion Implantation. Journal of Nanoscience and Nanotechnology, 2010, 10, 6424-6427.	0.9	4
149	Surface plasmon-enhanced light emission using silver nanoparticles embedded in ZnO. Applied Physics Letters, 2010, 97, 071909.	1.5	65
150	Large-Scale and Controlled Synthesis of Iron Oxide Magnetic Short Nanotubes: Shape Evolution, Growth Mechanism, and Magnetic Properties. Journal of Physical Chemistry C, 2010, 114, 16092-16103.	1.5	121
151	One-Pot Reaction and Subsequent Annealing to Synthesis Hollow Spherical Magnetite and Maghemite Nanocages. Nanoscale Research Letters, 2009, 4, 926-931.	3.1	43
152	Magnetic Iron Oxide Nanoparticles: Synthesis and Surface Functionalization Strategies. Nanoscale Research Letters, 2008, 3, 397-415.	3.1	1,852
153	Rapid Platinum Coating on Maghemite Nanoparticle Surface. , 2008, , .		0
154	Sonochemical synthesis, structure and magnetic properties of air-stable Fe3O4/Au nanoparticles. Nanotechnology, 2007, 18, 145609.	1.3	139