Kai Dai

List of Publications by Year
in descending order

118 papers	7,763 citations	50566 48 h-index	58552 86 g-index
120 all docs	120 docs citations	120 times ranked	6564 citing authors

#	Article	IF	Citations
1	In Situ Preparation of Mn_{0.2}Cd_{0.8}Sâ€Diethylenetriamine/Porous gâ€C₃N₄ Sâ€Scheme Heterojunction with Enhanced Photocatalytic Hydrogen Production. Advanced Sustainable Systems, 2023, 7, .	2.7	32
2	Ultrathin indium vanadate/cadmium selenide-amine step-scheme heterojunction with interfacial chemical bonding for promotion of visible-light-driven carbon dioxide reduction. Journal of Colloid and Interface Science, 2022, 608, 1846-1856.	5.0	18
3	Heterostructure nanocomposite with local surface plasmon resonance effect enhanced photocatalytic activityâ€"a critical review. Journal Physics D: Applied Physics, 2022, 55, 043002.	1.3	13
4	Graphitic carbon nitride/antimonene van der Waals heterostructure with enhanced photocatalytic CO2 reduction activity. Journal of Materials Science and Technology, 2022, 116, 192-198.	5.6	52
5	Organic amine surface modified one-dimensional CdSe0.8S0.2-diethylenetriamine/two-dimensional SnNb2O6 S-scheme heterojunction with promoted visible-light-driven photocatalytic CO2 reduction. Chinese Journal of Catalysis, 2022, 43, 255-264.	6.9	107
6	In-situ fabrication of Bi2S3/BiVO4/Mn0.5Cd0.5S-DETA ternary S-scheme heterostructure with effective interface charge separation and CO2 reduction performance. Journal of Materials Science and Technology, 2022, 117, 109-119.	5.6	83
7	Efficient solar-driven CO2 reduction on aminated 2D/2D BiOBr/CdS-diethylenetriamine S-scheme heterojunction. Ceramics International, 2022, 48, 8423-8432.	2.3	25
8	Microwave-assisted synthesis of organicâ€"inorganic hybrid porous g-C₃N₄/CdSâ€"diethylenetriamine S-scheme heterojunctions with enhanced visible light hydrogen production. Journal Physics D: Applied Physics, 2022, 55, 244001.	1.3	5
9	Gold-Modified Mo₂C Nanoparticles Supported on Nitrogen-Doped Carbon Nanotubes for Electrochemical Nitrogen Fixation. ACS Applied Nano Materials, 2022, 5, 7382-7391.	2.4	3
10	Branch-like Cd Zn1-Se/Cu2O@Cu step-scheme heterojunction for CO2 photoreduction. Materials Today Physics, 2022, 26, 100729.	2.9	31
11	Inorganic-organic hybrid photocatalysts: Syntheses, mechanisms, and applications. Chinese Journal of Catalysis, 2022, 43, 2111-2140.	6.9	49
12	A novel step-scheme BiVO4/Ag3VO4 photocatalyst for enhanced photocatalytic degradation activity under visible light irradiation. Chinese Journal of Catalysis, 2021, 42, 46-55.	6.9	234
13	Two-dimensional sulfur- and chlorine-codoped g-C3N4/CdSe-amine heterostructures nanocomposite with effective interfacial charge transfer and mechanism insight. Applied Catalysis B: Environmental, 2021, 280, 119452.	10.8	283
14	Fabrication of novel CoO/porous graphitic carbon nitride S-scheme heterojunction for efficient CO2 photoreduction. Materials Letters, 2021, 282, 128722.	1.3	33
15	Novel 2D SnNb2O6/Ag3VO4 S-scheme heterojunction with enhanced visible-light photocatalytic activity. Ceramics International, 2021, 47, 7169-7176.	2.3	24
16	Diethylenetriamine synergistic boosting photocatalytic performance with porous g-C3N4/CdS-diethylenetriamine 2D/2D S-scheme heterojunction. Journal of Alloys and Compounds, 2021, 863, 158068.	2.8	31
17	Efficient interfacial charge transfer of 2D/2D porous carbon nitride/bismuth oxychloride step-scheme heterojunction for boosted solar-driven CO2 reduction. Journal of Colloid and Interface Science, 2021, 585, 684-693.	5.0	85
18	Construction of 1D/2D W₁₈O₄₉/Porous g-C₃N₄ S-Scheme Heterojunction with Enhanced Photocatalytic H₂ Evolution. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2021, .	2.2	33

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19	Nitrogen-doped graphene/graphitic carbon nitride with enhanced charge separation and two-electron-transferring reaction activity for boosting photocatalytic hydrogen peroxide production. Sustainable Energy and Fuels, 2021, 5, 1511-1520.	2.5	13
20	Integrated Sâ€Scheme Heterojunction of Amineâ€Functionalized 1D CdSe Nanorods Anchoring on Ultrathin 2D SnNb₂O₆ Nanosheets for Robust Solarâ€Driven CO₂ Conversion. Solar Rrl, 2021, 5, 2000805.	3.1	206
21	Insight into the synergy of amine-modified S-scheme Cd0.5Zn0.5Se/porous g-C3N4 and noble-metal-free Ni2P for boosting photocatalytic hydrogen generation. Ceramics International, 2021, 47, 13488-13499.	2.3	18
22	Plasmonic Bi-enhanced ammoniated Î±-MnS/Bi2MoO6 S-scheme heterostructure for visible-light-driven CO2 reduction. Journal of Colloid and Interface Science, 2021, 604, 844-855.	5.0	76
23	Amine-Modified S-Scheme Porous g-C₃N₄/CdSeâ€“Diethylenetriamine Composite with Enhanced Photocatalytic CO₂ Reduction Activity. ACS Applied Energy Materials, 2021, 4, 956-968.	2.5	146
24	Cd₃(C₃N₃S₃)₂ Polymer/Sn Schottky Heterojunction for Broadbandâ€Solar Highly Selective Photocatalytic CO₂ Reduction. Solar Rrl, 2021, 5, 2100788.	3.1	41
25	Construction of flourinated-TiO2 nanosheets with exposed {001} facets/CdSe-DETA nanojunction for enhancing visible-light-driven photocatalytic H2 evolution. Ceramics International, 2020, 46, 866-876.	2.3	19
26	Noble-metal-free NiS decorated organic-inorganic hybrid ZnxCd1â^'xSe-diethylenetriamine solid solution for hydrogen evolution. Applied Surface Science, 2020, 507, 145213.	3.1	17
27	Step-scheme porous g-C3N4/Zn0.2Cd0.8S-DETA composites for efficient and stable photocatalytic H2 production. Chinese Journal of Catalysis, 2020, 41, 41-49.	6.9	259
28	Carbon nanotube exfoliated porous reduced graphene oxide/CdS- diethylenetriamine heterojunction for efficient photocatalytic H2 production. Applied Surface Science, 2020, 512, 144783.	3.1	26
29	Construction of TiO2 nanosheets with exposed {0Â0Â1} facets/Zn0.2Cd0.8S-DETA heterostructure with enhanced visible light hydrogen production. Applied Surface Science, 2020, 516, 146141.	3.1	5
30	Diethylenetriamine-Functionalized CdS Nanoparticles Decorated on Cu₂S Snowflake Microparticles for Photocatalytic Hydrogen Production. ACS Applied Nano Materials, 2020, 3, 11517-11526.	2.4	36
31	Noble-metal-free Ni2P modified step-scheme SnNb2O6/CdS-diethylenetriamine for photocatalytic hydrogen production under broadband light irradiation. Applied Catalysis B: Environmental, 2020, 269, 118844.	10.8	312
32	Nitrogenâ€doped Graphene Chainmail Wrapped IrCo Alloy Particles on Nitrogenâ€doped Graphene Nanosheet for Highly Active and Stable Full Water Splitting. ChemCatChem, 2019, 11, 5457-5465.	1.8	20
33	Inorganic-organic CdSe-diethylenetriamine nanobelts for enhanced visible photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2019, 555, 166-173.	5.0	44
34	One-pot synthesis of step-scheme Bi2S3/porous g-C3N4 heterostructure for enhanced photocatalytic performance. Materials Letters, 2019, 257, 126740.	1.3	66
35	A Z-scheme Bi₂MoO₆/CdSe-diethylenetriamine heterojunction for enhancing photocatalytic hydrogen production activity under visible light. Dalton Transactions, 2019, 48, 1067-1074.	1.6	64
36	Construction of Ag SPR-promoted step-scheme porous g-C3N4/Ag3VO4 heterojunction for improving photocatalytic activity. Applied Surface Science, 2019, 488, 151-160.	3.1	146

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37	Interface and defect engineer of titanium dioxide supported palladium or platinum for tuning the activity and selectivity of electrocatalytic nitrogen reduction reaction. Journal of Colloid and Interface Science, 2019, 553, 126-135.	5.0	42
38	Novel visible-light-driven direct Z-scheme Zn3V2O8/Ag3PO4 heterojunctions for enhanced photocatalytic performance. Journal of Alloys and Compounds, 2019, 799, 113-123.	2.8	34
39	In situ photochemical synthesis noble-metal-free NiS on CdS-diethylenetriamine nanosheets for boosting photocatalytic H2 production activity. Applied Surface Science, 2019, 481, 669-677.	3.1	62
40	Construction of 2D/2D porous graphitic C3N4/SnS2 composite as a direct Z-scheme system for efficient visible photocatalytic activity. Applied Surface Science, 2019, 481, 1260-1269.	3.1	91
41	Noble-metal-free Ni2P as cocatalyst decorated rapid microwave solvothermal synthesis of inorganic-organic CdS-DETA hybrids for enhanced photocatalytic hydrogen evolution. Applied Surface Science, 2019, 481, 1385-1393.	3.1	68
42	Preparation of Z-scheme WO3(H2O)0.333/Ag3PO4 composites with enhanced photocatalytic activity and durability. Chinese Journal of Catalysis, 2019, 40, 326-334.	6.9	55
43	Construction of direct Z-scheme WO3(H2O)0.333/BiOI heterostructure with enhanced visible light photocatalytic performance. Materials Letters, 2019, 245, 57-60.	1.3	15
44	Defect-mediated electronâ€“hole separation in an inorganicâ€“organic CdS_xSe_{1â^'x}â€“DETA solid solution under amine molecule-assisted fabrication and microwave-assisted method for promoting photocatalytic H₂ evolution. Sustainable Energy and Fuels, 2019, 3, 3550-3560.	2.5	15
45	Fabrication of Ag2O/KNbO3 heterojunction with high visible-light photocatalytic activity. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	5
46	Construction of defective Mo15S19/CdS-diethylenetriamine heterosctructure photocatalyst for highly active and stable noble-metal-free photocatalytic hydrogen production. Applied Surface Science, 2019, 469, 505-513.	3.1	37
47	Band structure engineering design of g-C3N4/ZnS/SnS2 ternary heterojunction visible-light photocatalyst with ZnS as electron transport buffer material. Journal of Alloys and Compounds, 2019, 778, 215-223.	2.8	49
48	In-situ synthesis of Au decorated InP nanopore arrays for enhanced photoelectrochemical hydrogen production. Journal of Alloys and Compounds, 2019, 774, 610-617.	2.8	2
49	All-solid-state artificial Z-scheme porous g-C3N4/Sn2S3-DETA heterostructure photocatalyst with enhanced performance in photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2019, 241, 528-538.	10.8	350
50	Controlled synthesis of novel 3D CdS hierarchical microtremella for photocatalytic H2 production. Materials Letters, 2019, 235, 11-14.	1.3	16
51	1D carbon nanofibers@TiO2 core-shell nanocomposites with enhanced photocatalytic activity toward CO2 reduction. Journal of Alloys and Compounds, 2018, 746, 168-176.	2.8	33
52	Porous carbon nitride with defect mediated interfacial oxidation for improving visible light photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 232, 384-390.	10.8	62
53	Highly efficient direct Z-scheme WO3/CdS-diethylenetriamine photocatalyst and its enhanced photocatalytic H2 evolution under visible light irradiation. Applied Surface Science, 2018, 442, 20-29.	3.1	137
54	One-step growth of nanosheet-assembled BiOCl/BiOBr microspheres for highly efficient visible photocatalytic performance. Applied Surface Science, 2018, 430, 639-646.	3.1	116

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55	Facile synthesis of Z-scheme BiVO 4 /porous graphite carbon nitride heterojunction for enhanced visible-light-driven photocatalyst. Applied Surface Science, 2018, 430, 595-602.	3.1	161
56	Natural nanomaterial as hard template for scalable synthesizing holey carbon naonsheet/nanotube with in-plane and out-of-plane pores for electrochemical energy storage. Chinese Chemical Letters, 2018, 29, 641-644.	4.8	4
57	Construction of organicâ€“inorganic cadmium sulfide/diethylenetriamine hybrids for efficient photocatalytic hydrogen production. Journal of Colloid and Interface Science, 2018, 512, 77-85.	5.0	42
58	Boosting visible light photocatalytic hydrogen evolution of graphitic carbon nitride via enhancing it interfacial redox activity with cobalt/nitrogen doped tubular graphitic carbon. Applied Catalysis B: Environmental, 2018, 225, 512-518.	10.8	65
59	Bi SPR-Promoted Z-Scheme Bi₂MoO₆/CdS-Diethylenetriamine Composite with Effectively Enhanced Visible Light Photocatalytic Hydrogen Evolution Activity and Stability. ACS Sustainable Chemistry and Engineering, 2018, 6, 696-706.	3.2	240
60	Crystal structures and characterizations of two new selenite chlorides: 1D Ba2Zn(SeO3)2Cl2 and 2D BaZn2(SeO3)2Cl2. Journal of Solid State Chemistry, 2018, 265, 117-122.	1.4	4
61	Sustainable synthesis of CeO 2 /CdS-diethylenetriamine composites for enhanced photocatalytic hydrogen evolution under visible light. Journal of Alloys and Compounds, 2018, 758, 162-170.	2.8	54
62	Direct Z-scheme porous g-C3N4/BiOI heterojunction for enhanced visible-light photocatalytic activity. Journal of Alloys and Compounds, 2018, 766, 841-850.	2.8	115
63	Chalcogenide photocatalysts for selective oxidation of aromatic alcohols to aldehydes using O2 and visible light: A case study of CdIn2S4, CdS and In2S3. Chemical Engineering Journal, 2018, 348, 966-977.	6.6	79
64	Efficient Visible-Light-Driven Splitting of Water into Hydrogen over Surface-Fluorinated Anatase TiO₂ Nanosheets with Exposed {001} Facets/Layered CdSâ€“Diethylenetriamine Nanobelts. ACS Sustainable Chemistry and Engineering, 2018, 6, 12817-12826.	3.2	149
65	Ag SPR-promoted 2D porous g-C3N4/Ag2MoO4 composites for enhanced photocatalytic performance towards methylene blue degradation. Applied Surface Science, 2018, 459, 271-280.	3.1	95
66	A novel Z-scheme Bi2MoO6/BiOBr photocatalyst for enhanced photocatalytic activity under visible light irradiation. Applied Surface Science, 2018, 456, 473-481.	3.1	149
67	In situ controllable synthesis of novel surface plasmon resonance-enhanced Ag 2 WO 4 /Ag/Bi 2 MoO 6 composite for enhanced and stable visible light photocatalyst. Applied Surface Science, 2017, 391, 507-515.	3.1	123
68	Graphitic carbon nitride nanosheet for photocatalytic hydrogen production: The impact of morphology and element composition. Applied Surface Science, 2017, 391, 369-375.	3.1	88
69	Facile constructing novel 2D porous g-C3N4/BiOBr hybrid with enhanced visible-light-driven photocatalytic activity. Separation and Purification Technology, 2017, 178, 6-17.	3.9	122
70	Facile synthesis of novel butterfly-like Ag2MoO4 nanosheets for visible-light driven photocatalysis. Materials Letters, 2017, 196, 373-376.	1.3	37
71	Morphology dependent adsorption of methylene blue on trititanate nanoplates and nanotubes prepared by the hydrothermal treatment of TiO2. Water Science and Technology, 2017, 75, 350-357.	1.2	1
72	Facile preparation of two-dimensional Bi2MoO6@Ag2MoO4 core-shell composite with enhanced visible light photocatalytic activity. Journal of Alloys and Compounds, 2017, 729, 100-108.	2.8	46

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73	Controllable synthesis of inorganicâ€“organic Zn_{1â^'x}Cd_xS-DETA solid solution nanoflowers and their enhanced visible-light photocatalytic hydrogen-production performance. Dalton Transactions, 2017, 46, 11335-11343.	1.6	43
74	Facile synthesis of novel octahedral Cu 2 O/Ag 3 PO 4 composite with enhanced visible light photocatalysis. Materials Letters, 2017, 206, 48-51.	1.3	15
75	Multi-walled carbon nanotube supported CdS-DETA nanocomposite for efficient visible light photocatalysis. Materials Chemistry and Physics, 2017, 186, 372-381.	2.0	39
76	Plasmonic Ag2MoO4/AgBr/Ag composite: Excellent photocatalytic performance and possible photocatalytic mechanism. Applied Surface Science, 2017, 396, 791-798.	3.1	111
77	Facile and green synthesis of novel porous g-C 3 N 4 /Ag 3 PO 4 composite with enhanced visible light photocatalysis. Ceramics International, 2017, 43, 1522-1529.	2.3	52
78	Construction of Z-scheme Ag3PO4/Bi2WO6 composite with excellent visible-light photodegradation activity for removal of organic contaminants. Chinese Journal of Catalysis, 2017, 38, 2021-2029.	6.9	117
79	Cu/Ag/Ag3PO4 ternary composite: A hybrid alloy-semiconductor heterojunction structure with visible light photocatalytic properties. Journal of Alloys and Compounds, 2016, 682, 778-784.	2.8	27
80	Sb-Based antiferromagnetic oxychlorides: MSb₂O₃(OH)Cl (M = Mn, Fe, Co) with 2D spin-dimer structures. Dalton Transactions, 2016, 45, 18183-18189.	1.6	8
81	A facile fabrication of plasmonic g-C 3 N 4 /Ag 2 WO 4 /Ag ternary heterojunction visible-light photocatalyst. Materials Chemistry and Physics, 2016, 177, 529-537.	2.0	75
82	Large-scale synthesis of cobalt sulfide/carbon nanotube hybrid and its excellent electrochemical capacitance performance. Materials Letters, 2016, 176, 42-45.	1.3	21
83	Large scale and facile synthesis of novel Z-scheme Bi2MoO6/Ag3PO4 composite for enhanced visible light photocatalyst. Materials Letters, 2016, 169, 250-253.	1.3	36
84	Green synthesis of monodispersed LaCO₃OH microgears with novel plum blossom-like structure via a glycerol-mediated solvothermal method. RSC Advances, 2015, 5, 21925-21930.	1.7	13
85	Facile preparation of Bi2MoO6/multi-walled carbon nanotube nanocomposite for enhancing photocatalytic performance. Materials Letters, 2015, 160, 124-127.	1.3	31
86	Facile synthesis of Z-scheme graphitic-C3N4/Bi2MoO6 nanocomposite for enhanced visible photocatalytic properties. Applied Surface Science, 2015, 358, 377-384.	3.1	200
87	Optical and transport properties of Gd doped BaSnO3 epitaxial films. Journal of Alloys and Compounds, 2015, 647, 959-964.	2.8	20
88	Syntheses, structures, and characterizations of a new second-order nonlinear optical material: Pb2(SeO3)(NO3)2. Journal of Alloys and Compounds, 2015, 640, 39-44.	2.8	29
89	Composition dependence of structural and optical properties in epitaxial Sr(Sn1â^'xTix)O3films. Japanese Journal of Applied Physics, 2015, 54, 031101.	0.8	6
90	Facile and large scale synthesis of novel Cu2O octahedral crystals with efficient visible light photocatalytic activity. Materials Letters, 2015, 150, 48-51.	1.3	23

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91	Synthesis and crystal structure of a novel layered barium antimonate Ba2Sb7O13(OH) with mixed-valence antimony. Solid State Sciences, 2015, 44, 27-31.	1.5	3
92	A high efficient graphitic-C₃N₄/BiOI/graphene oxide ternary nanocomposite heterostructured photocatalyst with graphene oxide as electron transport buffer material. Dalton Transactions, 2015, 44, 7903-7910.	1.6	149
93	BaBi(SeO₃)₂Cl: a new polar material showing high second-harmonic generation efficiency enhanced by constructive alignment of chloride ions. Journal of Materials Chemistry C, 2015, 3, 12290-12296.	2.7	32
94	Advance ternary surface-fluorinated TiO₂nanosheet/Ag₃PO₄/Ag composite photocatalyst with planar heterojunction and island Ag electron capture center. RSC Advances, 2014, 4, 62751-62758.	1.7	13
95	A facile and novel approach for preparing monodispersed hollow aluminosilica microspheres with thin shell structures. RSC Advances, 2014, 4, 62209-62214.	1.7	8
96	A scalable synthesis technique of hierarchical BiOBr microspheres for advanced visible light photocatalyst. Materials Letters, 2014, 136, 438-440.	1.3	13
97	Synthesis of micro-nano heterostructure AgBr/ZnO composite for advanced visible light photocatalysis. Materials Letters, 2014, 130, 5-8.	1.3	48
98	High-yield synthesis of carbon nanotubeâ€“porous nickel oxide nanosheet hybrid and its electrochemical capacitance performance. Materials Chemistry and Physics, 2014, 143, 1344-1351.	2.0	27
99	In situ assembly of MnO2 nanowires/graphene oxide nanosheets composite with high specific capacitance. Electrochimica Acta, 2014, 116, 111-117.	2.6	95
100	Graphene oxide capturing surface-fluorinated TiO₂nanosheets for advanced photocatalysis and the reveal of synergism reinforce mechanism. Dalton Transactions, 2014, 43, 2202-2210.	1.6	66
101	Facile synthesis of a reduced graphene oxide/cobalt sulfide hybrid and its electrochemical capacitance performance. RSC Advances, 2014, 4, 29216-29222.	1.7	37
102	Heterojunction of facet coupled g-C3N4/surface-fluorinated TiO2 nanosheets for organic pollutants degradation under visible LED light irradiation. Applied Catalysis B: Environmental, 2014, 156-157, 331-340.	10.8	316
103	Plasmonic TiO 2 /AgBr/Ag ternary composite nanosphere with heterojunction structure for advanced visible light photocatalyst. Applied Surface Science, 2014, 314, 864-871.	3.1	44
104	A facile surfactant-free method to prepare Ti0.95Er0.05O2 nanocrystal and its photocatalytic performance. Catalysis Communications, 2014, 43, 202-206.	1.6	9
105	Graphene oxide modified ZnO nanorods hybrid with high reusable photocatalytic activity under UV-LED irradiation. Materials Chemistry and Physics, 2014, 143, 1410-1416.	2.0	60
106	Sonication assisted preparation of graphene oxide/graphitic-C3N4 nanosheet hybrid with reinforced photocurrent for photocatalyst applications. Dalton Transactions, 2014, 43, 6295.	1.6	178
107	Development of UV-LED/TiO2 Device and Their Application for Photocatalytic Degradation of Methylene Blue. Journal of Materials Engineering and Performance, 2013, 22, 1035-1040.	1.2	45
108	Superhydrophilic zinc oxide film prepared by controlling ZnO microrods growth and its attractive recyclable photocatalytic performance. Thin Solid Films, 2013, 539, 23-28.	0.8	6

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109	Facile synthesis of a surface plasmon resonance-enhanced Ag/AgBr heterostructure and its photocatalytic performance with 450 nm LED illumination. Dalton Transactions, 2013, 42, 4657.	1.6	64
110	Rectifying property and magnetoresistance of manganiteâ€“stannate junctions. Solid State Communications, 2013, 173, 30-33.	0.9	0
111	Mass Production and Reusable Photocatalytic Activity of ZnS Microspheres. Nanoscience and Nanotechnology Letters, 2013, 5, 204-208.	0.4	0
112	Structure and band gap tuning of transparent (Ba _{1â^'x} Sr _x)SnO ₃ thin films epitaxially grown on MgO substrates. Europhysics Letters, 2012, 98, 47010.	0.7	35
113	Composition dependent metal-semiconductor transition in transparent and conductive La-doped BaSnO3 epitaxial films. Applied Physics Letters, 2012, 101, .	1.5	65
114	A scalable synthesis technique of novel AgBr microcrystal and its visible light photocatalytic performance. Materials Letters, 2012, 87, 94-96.	1.3	18
115	Large scale preparing carbon nanotube/zinc oxide hybrid and its application for highly reusable photocatalyst. Chemical Engineering Journal, 2012, 191, 571-578.	6.6	127
116	Facile preparation and growth mechanism of zinc oxide nanopencils. Materials Letters, 2012, 67, 193-195.	1.3	12
117	Easy and Large Scale Synthesis Silver Nanodendrites: Highly Effective Filler for Isotropic Conductive Adhesives. Journal of Materials Engineering and Performance, 2012, 21, 353-357.	1.2	7
118	Anatase nanocrystals with {103} and {112} facets by hydrothermal transformation of titanate nanotubes. Micro and Nano Letters, 2011, 6, 675.	0.6	2