Sukon Phanichphant

List of Publications by Year
in descending order

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226	8,430	41344	56724
papers	citations	49 h-index	83 g-index

228	228	228	10321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication and characterization of electrospun poly(3-aminobenzylamine)/ functionalized multi-walled carbon nanotubes composite film for electrochemical glucose biosensor. EXPRESS Polymer Letters, 2022, 16, 439-450.	2.1	9
2	Coconut Fiber Decorated with Bismuth Vanadate for Enhanced Photocatalytic Activity. ACS Omega, 2022, 7, 8854-8863.	3.5	6
3	Enhanced NO₂â€Sensing Properties of Cuâ€Loaded SnO₂ Nanoparticles Synthesized via Precipitation and Impregnation Methods. Physica Status Solidi (A) Applications and Materials Science, 2022, 219, .	1.8	2
4	Effect of Er doping on flame-made SnO2 nanoparticles to ethylene oxide sensing. Sensors and Actuators B: Chemical, 2021, 328, 129022.	7.8	18
5	Temperature-controlled synthesis and photocatalytic properties of ZnOâ€“SnO2 nanocomposites. Journal of the Australian Ceramic Society, 2021, 57, 579-588.	1.9	8
6	Highly Sensitive and Selective Sensing of H2S Gas Using Precipitation and Impregnation-Made CuO/SnO2 Thick Films. Nanoscale Research Letters, 2021, 16, 70.	5.7	7
7	Electrochemical Dopamine Biosensor Based on Poly(3-aminobenzylamine) Layer-by-Layer Self-Assembled Multilayer Thin Film. Polymers, 2021, 13, 1488.	4.5	5
8	Synthesis and Characterization of WO₃/CeO₂ Heterostructured Nanoparticles for Photodegradation of Indigo Carmine Dye. ACS Omega, 2021, 6, 19771-19777.	3.5	47
9	Mechanistic roles of substitutional Fe dopants on catalytic acetylene-sensing process of flame-made SnO2 nanoparticles. Arabian Journal of Chemistry, 2020, 13, 3043-3059.	4.9	7
10	Visible-light-driven WO3/BiOBr heterojunction photocatalysts for oxidative coupling of amines to imines: Energy band alignment and mechanistic insight. Journal of Colloid and Interface Science, 2020, 560, 213-224.	9.4	68
11	Highly sensitive and selective ethylene gas sensors based on CeOx-SnO2 nanocomposites prepared by a Co-precipitation method. Materials Chemistry and Physics, 2020, 254, 123540.	4.0	29
12	High performance hydrogen gas sensors based on PdO-decorated p-type CoV2O6 nanoparticles. Sensors and Actuators B: Chemical, 2020, 324, 128744.	7.8	22
13	Copper (II) Oxide Powder Prepared by Low Temperature Hydrothermal Method. Key Engineering Materials, 2020, 861, 270-276.	0.4	0
14	Chemophysical acetylene-sensing mechanisms of Sb₂O₃/NaWO₄-doped WO₃ heterointerfaces. Physical Chemistry Chemical Physics, 2020, 22, 20482-20498.	2.8	1
15	Hydrothermal Synthesis of Copper (II) Oxide Microparticle. Key Engineering Materials, 2020, 861, 337-343.	0.4	0
16	Kinetics of Water Gas Shift Reaction on Au/CeZrO4: A Comparison Between Conventional Heating and Dielectric Barrier Discharge (DBD) Plasma Activation. Topics in Catalysis, 2020, 63, 363-369.	2.8	11
17	Development of dopamine biosensor based on polyaniline/carbon quantum dots composite. Journal of Polymer Research, 2020, 27, 1.	2.4	33
18	Single-Nozzle Flame Synthesis of Spinel Znâ„SnOâ„ Nanoparticles for Selective Detection of Formic Acid. IEEE Sensors Journal, 2020, 20, 6256-6262.	4.7	15

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19	Formaldehyde sensor based on FSP-made AgOx-doped SnO2 nanoparticulate sensing films. Sensors and Actuators B: Chemical, 2020, 309, 127705.	7.8	22
20	Flame-spray-made PtOx-functionalized Zn2SnO4 spinel nanostructures for conductometric H2 detection. Sensors and Actuators B: Chemical, 2020, 316, 128132.	7.8	23
21	Evaluating the photocatalytic efficiency of the BiVO4/rGO photocatalyst. Scientific Reports, 2019, 9, 16091.	3.3	78
22	Preparation of electrospun poly(acrylic acid)/multiwalled carbon nanotubes composite nanofiber for glucose detection. Molecular Crystals and Liquid Crystals, 2019, 688, 114-121.	0.9	1
23	Effects of reduced graphene oxide loading on gas-sensing characteristics of flame-made Bi2WO6 nanoparticles. Applied Surface Science, 2019, 496, 143613.	6.1	34
24	Fabrication of poly(pyrrole-3-carboxylic acid)/graphene oxide composite thin film for glucose biosensor. Materials Today: Proceedings, 2019, 17, 2070-2077.	1.8	6
25	Highly selective and sensitive CH4 gas sensors based on flame-spray-made Cr-doped SnO2 particulate films. Sensors and Actuators B: Chemical, 2019, 291, 177-191.	7.8	66
26	H₂S Gas Sensor Based on Ru-MoO₃ Nanoflake Thick Film. Journal of Nanoscience and Nanotechnology, 2019, 19, 1780-1785.	0.9	5
27	Ultrafine Bi2WO6 nanoparticles prepared by flame spray pyrolysis for selective acetone gas-sensing. Materials Science in Semiconductor Processing, 2019, 90, 263-275.	4.0	35
28	Flame spray pyrolysis synthesized gold-loaded titanium dioxide photocatalyst for degradation of Rhodamine B. Journal of the Australian Ceramic Society, 2019, 55, 719-727.	1.9	7
29	H2 gas sensor based on PdOx-doped In2O3 nanoparticles synthesized by flame spray pyrolysis. Applied Surface Science, 2019, 475, 191-203.	6.1	55
30	Hybrid highâ€porosity rice straw infused with Bi VO 4 nanoparticles for efficient 2â€chlorophenol degradation. International Journal of Applied Ceramic Technology, 2019, 16, 1060-1068.	2.1	4
31	Controlled oxidative ageing time of graphite/graphite oxide to graphene oxide in aqueous media. Journal of the Australian Ceramic Society, 2018, 54, 91-96.	1.9	7
32	Highly sensitive acetone sensors based on flame-spray-made La2O3-doped SnO2 nanoparticulate thick films. Sensors and Actuators B: Chemical, 2018, 262, 245-262.	7.8	40
33	Enhanced Gasâ€Sensing Performances of Ruâ€Loaded pâ€Type Co₃O₄ Nanoparticles. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1701015.	1.8	7
34	Low temperature preparation of oxygen-deficient tin dioxide nanocrystals and a role of oxygen vacancy in photocatalytic activity improvement. Journal of Colloid and Interface Science, 2018, 512, 105-114.	9.4	59
35	Development of an electrochemicalâ€surface plasmon dual biosensor based on carboxylated conducting polymer thin films. Journal of Applied Polymer Science, 2018, 135, 45641.	2.6	14
36	Highly sensitive and selective detection of ethanol vapor using flame-spray-made CeOx-doped SnO2 nanoparticulate thick films. Sensors and Actuators B: Chemical, 2018, 255, 8-21.	7.8	38

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37	Titanium Dioxide Doped with Nitrogen Nanopowder Prepared by Hydrothermal Method. Solid State Phenomena, 2018, 283, 167-172.	0.3	0
38	Synthesis of Copper Oxide Nanopowder by Microwave Method. Solid State Phenomena, 2018, 283, 154-159.	0.3	1
39	Adsorption and Photocatalytic Processes of Mesoporous SiO2-Coated Monoclinic BiVO4. Frontiers in Chemistry, 2018, 6, 415.	3.6	17
40	Catalytic roles of Sm2O3 dopants on ethylene oxide sensing mechanisms of flame-made SnO2 nanoparticles. Applied Surface Science, 2018, 454, 30-45.	6.1	15
41	WO3 nanotubesâ˜SnO2 nanoparticles heterointerfaces for ultrasensitive and selective NO2 detections. Applied Surface Science, 2018, 458, 319-332.	6.1	43
42	Roles of catalytic PtO2 nanoparticles on nitric oxide sensing mechanisms of flame-made SnO2 nanoparticles. Applied Surface Science, 2018, 458, 281-292.	6.1	22
43	Investigation of a p-Cu_xO/n-ZnO Solid Solution for Sensing H₂S Gas. Nanoscience and Nanotechnology Letters, 2018, 10, 924-932.	0.4	0
44	Photocatalytic degradation of dye using CeO 2 /SCB composite catalysts. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 218-224.	3.9	28
45	Highly sensitive and selective NO2 sensor based on Au-impregnated WO3 nanorods. Sensors and Actuators B: Chemical, 2017, 252, 523-536.	7.8	74
46	Visible light photocatalytic performance and mechanism of highly efficient SnS/BiOI heterojunction. Journal of Colloid and Interface Science, 2017, 504, 711-720.	9.4	60
47	Influence of Cu doping on the visible-light-induced photocatalytic activity of InVO4. RSC Advances, 2017, 7, 13911-13918.	3.6	36
48	Composite Photocatalysts Containing BiVO4 for Degradation of Cationic Dyes. Scientific Reports, 2017, 7, 8929.	3.3	82
49	Influence of graphene oxide on photocatalytic enhancement of cerium dioxide. Materials Letters, 2017, 209, 43-47.	2.6	19
50	Fabrication of surface-modified poly(3-aminobenzoic acid)/multiwalled carbon nanotubes composite thin films for hydrogen peroxide sensing. Molecular Crystals and Liquid Crystals, 2017, 653, 9-16.	0.9	1
51	Roles of cobalt doping on ethanol-sensing mechanisms of flame-spray-made SnO2 nanoparticlesâ˜electrolytically exfoliated graphene interfaces. Applied Surface Science, 2017, 425, 351-366.	6.1	27
52	Highly-sensitive H2S sensors based on flame-made V-substituted SnO2 sensing films. Sensors and Actuators B: Chemical, 2017, 242, 1095-1107.	7.8	52
53	Ultra-sensitive and highly selective H2 sensors based on FSP-made Rh-substituted SnO2 sensing films. Sensors and Actuators B: Chemical, 2017, 240, 1141-1152.	7.8	56
54	Photocatalytic Activity of Cu-Doped Cerium Dioxide Nanoparticles. Key Engineering Materials, 2017, 751, 801-806.	0.4	5

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55	Photovoltaic Properties of a Conjugated Copolymer Blending with Flame-Made ZnO Nanoparticles. Applied Mechanics and Materials, 2017, 866, 350-353.	0.2	0
56	Aqueous and Surface Chemistries of Photocatalytic Fe-Doped CeO2 Nanoparticles. Catalysts, 2017, 7, 45.	3.5	54
57	Core/Shell of p-Cu_xO/n-ZnO Nanowire Arrays: Synthesis and Characterization. Nanoscience and Nanotechnology Letters, 2017, 9, 1052-1056.	0.4	0
58	The photocatalytic degradation of phenol over titanium dioxide powder prepared by the solvothermal method. International Journal of Environmental Engineering, 2016, 8, 44.	0.1	1
59	Photocatalytic activity of the binary composite CeO2/SiO2 for degradation of dye. Applied Surface Science, 2016, 387, 214-220.	6.1	75
60	The effect of iron doping on the photocatalytic activity of a Bi₂WO₆â€“BiVO₄composite. RSC Advances, 2016, 6, 54060-54068.	3.6	18
61	Flame-spray-made Zn In O alloyed nanoparticles for NO2 gas sensing. Journal of Alloys and Compounds, 2016, 680, 711-721.	5.5	13
62	Effect of iron doping on the structural and optical properties of CeO2 films. Journal of Sol-Gel Science and Technology, 2016, 79, 51-58.	2.4	7
63	Characterization of bismuth vanadate (BiVO₄) nanoparticle prepared by solvothermal method. Integrated Ferroelectrics, 2016, 175, 18-24.	0.7	13
64	Photodegradation of organic dyes by CeO2/Bi2WO6 nanocomposite and its physicochemical properties investigation. Ceramics International, 2016, 42, 16007-16016.	4.8	36
65	TiO₂ Powder Synthesized via the Solvothermal Method and Enhanced Photocatalytic Degradation of Methomyl. Materials Science Forum, 2016, 872, 191-195.	0.3	0
66	Composition of Kaew Angwa by X-Ray Fluorescence Spectroscopy (XRF). Key Engineering Materials, 2016, 702, 103-107.	0.4	0
67	Hydrothermal synthesis of novel CoFe2O4/BiVO4 nanocomposites with enhanced visible-light-driven photocatalytic activities. Materials Letters, 2016, 181, 86-91.	2.6	50
68	Role of molybdenum substitutional dopants on H2S-sensing enhancement of flame-spray-made SnO2 nanoparticulate thick films. Sensors and Actuators B: Chemical, 2016, 235, 678-690.	7.8	27
69	Enhancement of p-type gas-sensing performances of NiO nanoparticles prepared by precipitation with RuO2 impregnation. Sensors and Actuators B: Chemical, 2016, 236, 466-473.	7.8	35
70	Optimization of horizontal photocatalytic reactor for decolorization of methylene blue in water. Desalination and Water Treatment, 2016, 57, 10286-10294.	1.0	2
71	InVO 4 â€“BiVO 4 composite films with enhanced visible light performance for photodegradation of methylene blue. Catalysis Today, 2016, 278, 291-302.	4.4	32
72	Ultra-responsive hydrogen gas sensors based on PdO nanoparticle-decorated WO3 nanorods synthesized by precipitation and impregnation methods. Sensors and Actuators B: Chemical, 2016, 226, 76-89.	7.8	75

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73	Controlled synthesis of barium chromate multi-layered microdiscs and their photocatalytic activity. RSC Advances, 2016, 6, 1571-1580.	3.6	3
74	Efficient photocatalytic degradation of Rhodamine B by a novel CeO2/Bi2WO6 composite film. Catalysis Today, 2016, 278, 280-290.	4.4	57
75	Pt-doped In2O3 nanoparticles prepared by flame spray pyrolysis for NO2 sensing. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	24
76	Enhancement of visible-light photocatalytic activity of Cu-doped TiO2 nanoparticles. Research on Chemical Intermediates, 2016, 42, 2815-2830.	2.7	55
77	Gas-Sensing Properties of Pt-V₂O₅ Thin Films for Ethanol Detection. Key Engineering Materials, 2015, 659, 259-263.	0.4	3
78	Effects of Niobium-Loading on Sulfur Dioxide Gas-Sensing Characteristics of Hydrothermally Prepared Tungsten Oxide Thick Film. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	14
79	A novel CeO2/Bi2WO6 composite with highly enhanced photocatalytic activity. Materials Letters, 2015, 156, 28-31.	2.6	49
80	Highly efficient visible light-induced photocatalytic degradation of methylene blue over InVO4/BiVO4 composite photocatalyst. Journal of Materials Science, 2015, 50, 5788-5798.	3.7	33
81	CoTiO3/Ag3VO4 composite: A study on the role of CoTiO3 and the active species in the photocatalytic degradation of methylene blue. Journal of Colloid and Interface Science, 2015, 454, 210-215.	9.4	45
82	Phase-controlled microwave synthesis of pure monoclinic BiVO4 nanoparticles for photocatalytic dye degradation. Applied Materials Today, 2015, 1, 67-73.	4.3	33
83	Fabrication and Characterization of Cytochrome C Modified Poly(3-Aminobenzoic Acid) Thin Film. Molecular Crystals and Liquid Crystals, 2015, 621, 142-149.	0.9	6
84	Photocatalytic Degradation of Methylene Blue and Methyl Orange over TiO₂ Powder Synthesized via the Solvothermal Method. Applied Mechanics and Materials, 2015, 749, 51-55.	0.2	0
85	Efficient photocatalytic degradation of methylene blue over BiVO4/TiO2 nanocomposites. Ceramics International, 2015, 41, 5999-6004.	4.8	82
86	Electrolytically Exfoliated Graphene-Loaded Flame-Made Ni-Doped SnO₂ Composite Film for Acetone Sensing. ACS Applied Materials & Interfaces, 2015, 7, 3077-3092.	8.0	189
87	Effects of cobalt doping on nitric oxide, acetone and ethanol sensing performances of FSP-made SnO2 nanoparticles. Sensors and Actuators B: Chemical, 2015, 210, 589-601.	7.8	62
88	A novel CeO2/InVO4 composite with high visible-light induced photocatalytic activity. Materials Letters, 2015, 160, 75-80.	2.6	21
89	Ultra-sensitive H2S sensors based on hydrothermal/impregnation-made Ru-functionalized WO3 nanorods. Sensors and Actuators B: Chemical, 2015, 215, 630-636.	7.8	72
90	Ultrasensitive NO₂ Sensor Based on Ohmic Metalâ€“Semiconductor Interfaces of Electrolytically Exfoliated Graphene/Flame-Spray-Made SnO₂ Nanoparticles Composite Operating at Low Temperatures. ACS Applied Materials & Interfaces, 2015, 7, 24338-24352.	8.0	130

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91	Enhancing the photocatalytic activity of ZnO nanoparticles for efficient rhodamine B degradation by functionalised graphene nanoplatelets. Ceramics International, 2015, 41, 1885-1889.	4.8	30
92	Rapid ethanol sensor based on electrolytically-exfoliated graphene-loaded flame-made In-doped SnO2 composite film. Sensors and Actuators B: Chemical, 2015, 209, 40-55.	7.8	76
93	Band offsets of novel CoTiO3/Ag3VO4 heterojunction measured by X-ray photoelectron spectroscopy. Applied Surface Science, 2015, 324, 705-709.	6.1	26
94	Gas sensing properties of conducting polymer/Au-loaded ZnO nanoparticle composite materials at room temperature. Nanoscale Research Letters, 2014, 9, 467.	5.7	34
95	Semiconductor Metal Oxides as Hydrogen Gas Sensors. Procedia Engineering, 2014, 87, 795-802.	1.2	68
96	Long-range surface plasmon resonance immunosensor based on water-stable electrospun poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 T	7.8	23
97	Synthesis of Thermally Spherical CuO Nanoparticles. Journal of Nanomaterials, 2014, 2014, 1-5.	2.7	45
98	C₂H₅OH Gas Sensing Based on Poly(3-hexylthiophene)/Nb-Loaded ZnO Nanocomposite Films. Molecular Crystals and Liquid Crystals, 2014, 599, 1-7.	0.9	1
99	Nanocomposite Thin Film of Poly(3-aminobenzoic acid) and Multiwalled Carbon Nanotubes Fabricated through an Electrochemical Method. Advances in Materials Science and Engineering, 2014, 2014, 1-6.	1.8	5
100	Synthesis of Fe₃O₄/SiO₂/CeO₂ Coreâ€“Shell Magnetic and Their Application as Photocatalyst. Journal of Nanoscience and Nanotechnology, 2014, 14, 7756-7762.	0.9	34
101	Multiple plasmonic effect on photocurrent generation of metalâ€loaded titanium dioxide composite/dye films on gold grating surface. Surface and Interface Analysis, 2014, 46, 607-612.	1.8	7
102	Au-Loaded Titanium Dioxide Nanoparticles Synthesized by Modified Sol-Gel/Impregnation Methods and Their Application to Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2014, 2014, 1-8.	2.5	7
103	Highly efficient visible-light-induced photocatalytic activity of Bi2WO6/BiVO4 heterojunction photocatalysts. Materials Research Bulletin, 2014, 54, 28-33.	5.2	48
104	Enhanced visible-light-response photocatalytic degradation of methylene blue on Fe-loaded BiVO4 photocatalyst. Journal of Alloys and Compounds, 2014, 597, 129-135.	5.5	99
105	Ultra-rapid VOCs sensors based on sparked-In2O3 sensing films. Sensors and Actuators B: Chemical, 2014, 192, 745-754.	7.8	63
106	Enhanced visible-light photocatalytic activity of g-C3N4/TiO2 films. Journal of Colloid and Interface Science, 2014, 417, 402-409.	9.4	339
107	Effect of iron loading on the photocatalytic performance of Bi2WO6 photocatalyst. Superlattices and Microstructures, 2014, 76, 362-375.	3.1	37
108	NO2 sensing properties of flame-made MnOx-loaded ZnO-nanoparticle thick film. Sensors and Actuators B: Chemical, 2014, 204, 239-249.	7.8	28

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109	H2S sensor based on SnO2 nanostructured film prepared by high current heating. Sensors and Actuators B: Chemical, 2014, 203, 565-578.	7.8	46
110	The effect of Pt nanoparticles loading on H2 sensing properties of flame-spray-made SnO2 sensing films. Materials Chemistry and Physics, 2014, 147, 661-672.	4.0	30
111	Photocatalytic activities of Feâ€“Cu/TiO2 on the mineralization of oxalic acid and formic acid under visible light irradiation. Powder Technology, 2014, 266, 447-455.	4.2	19
112	Highly selective hydrogen sensing of Pt-loaded WO3 synthesized by hydrothermal/impregnation methods. International Journal of Hydrogen Energy, 2014, 39, 6120-6128.	7.1	32
113	NO2 gas sensing of flame-made Pt-loaded WO3 thick films. Journal of Solid State Chemistry, 2014, 214, 47-52.	2.9	25
114	Photocatalytic Degradation of 2,4-dichlorophenol using BiVO₄ Powder Prepared by the Solâ€“gel Method. Transactions of the Materials Research Society of Japan, 2014, 39, 431-434.	0.2	4
115	CO Detection of Hydrothermally Synthesized Pt-Loaded WO₃ Films. Journal of Nanoscience and Nanotechnology, 2014, 14, 7763-7767.	0.9	1
116	Enhanced Ethanol Selectivity of Flame-Spray-Made Au/ZnO Thick Films. Journal of Nanoscience and Nanotechnology, 2014, 14, 7768-7773.	0.9	1
117	The Effect of Mn on Flame Spray Pyrolysis-Made ZnO Nanoparticles for Flammable Gases Detection. Journal of Nanoscience and Nanotechnology, 2014, 14, 7860-7864.	0.9	5
118	Photocatalytic Degradation of Methyl Orange by CeO2 and Feâ€“doped CeO2 Films under Visible Light Irradiation. Scientific Reports, 2014, 4, 5757.	3.3	362
119	Photocatalytic mineralization of carboxylic acids over Fe-loaded ZnS nanoparticles. Materials Research Bulletin, 2013, 48, 1668-1674.	5.2	8
120	Photocatalytic activity under visible light of Fe-doped CeO2 nanoparticles synthesized by flame spray pyrolysis. Ceramics International, 2013, 39, 3129-3134.	4.8	92
121	Ultra-sensitive H2 sensors based on flame-spray-made Pd-loaded SnO2 sensing films. Sensors and Actuators B: Chemical, 2013, 176, 893-905.	7.8	99
122	Synthesis and characterization of novel magnetically separable CoFe2O4/CeO2 nanocomposite photocatalysts. Materials Letters, 2013, 113, 76-79.	2.6	32
123	A facile synthesis of nanocrystalline anatase TiO2 from TiOSO4 aqueous solution. Materials Letters, 2013, 105, 76-79.	2.6	45
124	Manganositeâ€“microwave exfoliated graphene oxide composites for asymmetric supercapacitor device applications. Electrochimica Acta, 2013, 101, 99-108.	5.2	83
125	Electrochemically controlled detection of adrenaline on poly(2â€aminobenzylamine) thin films by surface plasmon resonance spectroscopy and quartz crystal microbalance. Surface and Interface Analysis, 2013, 45, 1661-1666.	1.8	9
126	Flame-Made Pt-Loaded TiO2Thin Films and Their Application as H2Gas Sensors. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	11

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127	Synthesis of Copolymer Thieno[3,4-b]Thiophene and Benzodithiophene for Application in Solar Cells. Molecular Crystals and Liquid Crystals, 2013, 578, 37-43.	0.9	0
128	Photocatalytic Mineralization of Organic Acids over Visible-Light-Driven Au/BiVO₄Photocatalyst. International Journal of Photoenergy, 2013, 2013, 1-7.	2.5	18
129	Electrochemically Fabricated Pyrrole Copolymer Thin Films and Their Electroactivity in Neutral Aqueous Solution. Molecular Crystals and Liquid Crystals, 2013, 580, 29-34.	0.9	5
130	Preparation and Characterization of BiVO₄Powder by the Sol-gel Method. Ferroelectrics, 2013, 456, 45-54.	0.6	71
131	Synthesis and Characterization of a Magnetically Separable CoFe2O4/TiO2Nanocomposite for the Photomineralization of Formic Acid. Ferroelectrics, 2013, 453, 133-140.	0.6	5
132	Fabrication of Carboxylated Conducting Polymer/CNTs Composites Thin Films for Immunosensor Application. Molecular Crystals and Liquid Crystals, 2013, 580, 7-14.	0.9	5
133	Titanium Dioxide (TiO₂) Nanopowder Prepared by the Low Temperature Solvothermal Method. Ferroelectrics, 2013, 457, 30-38.	0.6	3
134	The Effect of Side-Chain Structure on Copolymer-Based Bulk Heterojunction Solar Cells. Molecular Crystals and Liquid Crystals, 2013, 578, 73-77.	0.9	2
135	Microwave-assisted Synthesis Bismuth Vanadate (BiVO4) Powder. Ferroelectrics, 2013, 455, 35-42.	0.6	9
136	Fabrication of Thin Film from Conducting Polymer/Single Wall Carbon Nanotube Composites for the Detection of Uric Acid. Molecular Crystals and Liquid Crystals, 2013, 580, 1-6.	0.9	6
137	The Photocatalytic Degradation of Phenol and Chlorophenol onto Bismuth Vanadate Powder Prepared by the Solvothermal Method. Ferroelectrics, 2013, 454, 70-77.	0.6	3
138	Enhanced Photocurrent Properties of Dye/Au-Loaded TiO₂ Films by Grating-Coupled Surface Plasmon Excitation. IEICE Transactions on Electronics, 2013, E96.C, 385-388.	0.6	1
139	Photocatalytic Degradation of Municipal Wastewater and Brilliant Blue Dye Using Hydrothermally Synthesized Surface-Modified Silver-Doped ZnO Designer Particles. International Journal of Photoenergy, 2012, 2012, 1-8.	2.5	36
140	Improvement of the Solar Efficiency of Polymer Solar Cells by using 1, 3, 5-Trichlorobenzene as Co-solvent. Molecular Crystals and Liquid Crystals, 2012, 566, 170-174.	0.9	1
141	Pt/C Doped TiO₂/SWNTs as Catalyst for Methanol Oxidation. Journal of Nanoscience and Nanotechnology, 2012, 12, 3970-3973.	0.9	7
142	Hydrothermal synthesis and characterisation of tin doped ZnO polyscale crystals with hexylamine additive. Materials Research Innovations, 2012, 16, 25-29.	2.3	3
143	In situ Electrochemical-Transmission Surface Plasmon Resonance Spectroscopy for Poly(pyrrole-3-carboxylic acid) Thin-Film-Based Biosensor Applications. ACS Applied Materials & Interfaces, 2012, 4, 4270-4275.	8.0	35
144	BiVO₄/CeO₂ Nanocomposites with High Visible-Light-Induced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2012, 4, 3718-3723.	8.0	408

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145	Doped-metal oxide nanoparticles for use as photocatalysts. Progress in Crystal Growth and Characterization of Materials, 2012, 58, 145-163.	4.0	59
146	Functional Conducting Polymers in the Application of SPR Biosensors. Journal of Nanotechnology, 2012, 2012, 1-7.	3.4	19
147	Controlling Surface Plasmon Optical Transmission with an Electrochemical Switch Using Conducting Polymer Thin Films. Advanced Functional Materials, 2012, 22, 4383-4388.	14.9	56
148	Cellulose-precursor synthesis of nanocrystalline Co0.5Cu0.5Fe2O4 spinel ferrites. Materials Research Bulletin, 2012, 47, 473-477.	5.2	25
149	Characterization of single phase Pt-doped Zn2TiO4 nanoparticles synthesized by flame spray pyrolysis. Materials Letters, 2012, 68, 97-100.	2.6	14
150	Influence of calcination temperature on anatase to rutile phase transformation in TiO2 nanoparticles synthesized by the modified solâ€“gel method. Materials Letters, 2012, 82, 195-198.	2.6	157
151	Highly selective environmental sensors based on flame-spray-made SnO2 nanoparticles. Sensors and Actuators B: Chemical, 2012, 163, 51-60.	7.8	77
152	H2 Sensor Based on Au/TiO2 Nanoparticles by Flame-Made. Engineering Journal, 2012, 16, 135-142.	1.0	11
153	Flame-Made Nb-Doped TiO2 Ethanol and Acetone Sensors. Sensors, 2011, 11, 472-484.	3.8	57
154	Detection of Human IgG on Poly(pyrrole-3-carboxylic acid) Thin Film by Electrochemical-Surface Plasmon Resonance Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 01BK02.	1.5	13
155	Semiconducting metal oxides as sensors for environmentally hazardous gases. Sensors and Actuators B: Chemical, 2011, 160, 580-591.	7.8	1,026
156	Flame-made single phase Zn2TiO4 nanoparticles. Materials Letters, 2011, 65, 2007-2009.	2.6	29
157	Electropolymerization of layerâ€byâ€layer precursor polymer films. Polymers for Advanced Technologies, 2011, 22, 753-758.	3.2	7
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159	Nanostructured Interpenetrating Polymer Network (IPN) Precursor Ultrathin Films. Macromolecular Chemistry and Physics, 2011, 212, 1039-1049.	2.2	4
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