

Sukon Phanichphant

List of Publications by Year in descending order

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226
papers

8,430
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41344

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citing authors

#	ARTICLE	IF	CITATIONS
1	Semiconducting metal oxides as sensors for environmentally hazardous gases. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 580-591.	7.8	1,026
2	$\text{BiVO}_4/\text{CeO}_2$ Nanocomposites with High Visible-Light-Induced Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3718-3723.	8.0	408
3	Photocatalytic Degradation of Methyl Orange by CeO_2 and Fe-doped CeO_2 Films under Visible Light Irradiation. <i>Scientific Reports</i> , 2014, 4, 5757.	3.3	362
4	Enhanced visible-light photocatalytic activity of g-C $_3$ N $_4$ /TiO $_2$ films. <i>Journal of Colloid and Interface Science</i> , 2014, 417, 402-409.	9.4	339
5	Quantitative Analysis of Adsorbate Concentrations by Diffuse Reflectance FT-IR. <i>Analytical Chemistry</i> , 2007, 79, 3912-3918.	6.5	193
6	Electrolytically Exfoliated Graphene-Loaded Flame-Made Ni-Doped SnO $_2$ Composite Film for Acetone Sensing. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3077-3092.	8.0	189
7	Influence of calcination temperature on anatase to rutile phase transformation in TiO $_2$ nanoparticles synthesized by the modified sol-gel method. <i>Materials Letters</i> , 2012, 82, 195-198.	2.6	157
8	Ultrasensitive NO $_2$ Sensor Based on Ohmic Metal-Semiconductor Interfaces of Electrolytically Exfoliated Graphene/Flame-Spray-Made SnO $_2$ Nanoparticles Composite Operating at Low Temperatures. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24338-24352.	8.0	130
9	Selectivity towards H $_2$ gas by flame-made Pt-loaded WO $_3$ sensing films. <i>Sensors and Actuators B: Chemical</i> , 2011, 157, 290-297.	7.8	122
10	Acetylene sensor based on Pt/ZnO thick films as prepared by flame spray pyrolysis. <i>Sensors and Actuators B: Chemical</i> , 2011, 152, 155-161.	7.8	102
11	Ultra-sensitive H $_2$ sensors based on flame-spray-made Pd-loaded SnO $_2$ sensing films. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 893-905.	7.8	99
12	Enhanced visible-light-response photocatalytic degradation of methylene blue on Fe-loaded BiVO $_4$ photocatalyst. <i>Journal of Alloys and Compounds</i> , 2014, 597, 129-135.	5.5	99
13	Effect of temperature on the degree of anatase-rutile transformation in titanium dioxide nanoparticles synthesized by the modified sol-gel method. <i>Current Applied Physics</i> , 2008, 8, 343-346.	2.4	94
14	Photocatalytic activity under visible light of Fe-doped CeO_2 nanoparticles synthesized by flame spray pyrolysis. <i>Ceramics International</i> , 2013, 39, 3129-3134.	4.8	92
15	Phase content, tetragonality, and crystallite size of nanoscaled barium titanate synthesized by the catecholate process: effect of calcination temperature. <i>Journal of the European Ceramic Society</i> , 2003, 23, 127-132.	5.7	83
16	Manganese-microwave exfoliated graphene oxide composites for asymmetric supercapacitor device applications. <i>Electrochimica Acta</i> , 2013, 101, 99-108.	5.2	83
17	Efficient photocatalytic degradation of methylene blue over BiVO $_4$ /TiO $_2$ nanocomposites. <i>Ceramics International</i> , 2015, 41, 5999-6004.	4.8	82
18	Composite Photocatalysts Containing BiVO $_4$ for Degradation of Cationic Dyes. <i>Scientific Reports</i> , 2017, 7, 8929.	3.3	82

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19	Evaluating the photocatalytic efficiency of the BiVO ₄ /rGO photocatalyst. <i>Scientific Reports</i> , 2019, 9, 16091.	3.3	78
20	Highly selective environmental sensors based on flame-spray-made SnO ₂ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2012, 163, 51-60.	7.8	77
21	Rapid ethanol sensor based on electrolytically-exfoliated graphene-loaded flame-made In-doped SnO ₂ composite film. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 40-55.	7.8	76
22	Photocatalytic activity of the binary composite CeO ₂ /SiO ₂ for degradation of dye. <i>Applied Surface Science</i> , 2016, 387, 214-220.	6.1	75
23	Ultra-responsive hydrogen gas sensors based on PdO nanoparticle-decorated WO ₃ nanorods synthesized by precipitation and impregnation methods. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 76-89.	7.8	75
24	Highly sensitive and selective NO ₂ sensor based on Au-impregnated WO ₃ nanorods. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 523-536.	7.8	74
25	Ultra-sensitive H ₂ S sensors based on hydrothermal/impregnation-made Ru-functionalized WO ₃ nanorods. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 630-636.	7.8	72
26	Preparation and Characterization of BiVO ₄ Powder by the Sol-gel Method. <i>Ferroelectrics</i> , 2013, 456, 45-54.	0.6	71
27	Sensing Characteristics of Flame-Spray-Made Pt/ZnO Thick Films as H ₂ Gas Sensor. <i>Sensors</i> , 2009, 9, 6652-6669.	3.8	68
28	Semiconductor Metal Oxides as Hydrogen Gas Sensors. <i>Procedia Engineering</i> , 2014, 87, 795-802.	1.2	68
29	Visible-light-driven WO ₃ /BiOBr heterojunction photocatalysts for oxidative coupling of amines to imines: Energy band alignment and mechanistic insight. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 213-224.	9.4	68
30	Effect of sintering temperature on microstructure of hydrothermally prepared bismuth sodium titanate ceramics. <i>Journal of the European Ceramic Society</i> , 2004, 24, 517-520.	5.7	66
31	Highly selective and sensitive CH ₄ gas sensors based on flame-spray-made Cr-doped SnO ₂ particulate films. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 177-191.	7.8	66
32	Facile Horner-Emmons Synthesis of Defect-Free Poly(9,9-dialkylfluorenyl-2,7-vinylene). <i>Macromolecules</i> , 2006, 39, 3494-3499.	4.8	63
33	Ultra-rapid VOCs sensors based on sparked-In ₂ O ₃ sensing films. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 745-754.	7.8	63
34	Effects of cobalt doping on nitric oxide, acetone and ethanol sensing performances of FSP-made SnO ₂ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 589-601.	7.8	62
35	Influence of Thickness on Ethanol Sensing Characteristics of Doctor-bladed Thick Film from Flame-made ZnO Nanoparticles. <i>Sensors</i> , 2007, 7, 185-201.	3.8	61
36	Visible light photocatalytic performance and mechanism of highly efficient SnS/BiOI heterojunction. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 711-720.	9.4	60

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37	Doped-metal oxide nanoparticles for use as photocatalysts. Progress in Crystal Growth and Characterization of Materials, 2012, 58, 145-163.	4.0	59
38	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
39	Flame-Made Nb-Doped TiO ₂ Ethanol and Acetone Sensors. Sensors, 2011, 11, 472-484.	3.8	57
40	Efficient photocatalytic degradation of Rhodamine B by a novel CeO ₂ /Bi ₂ WO ₆ composite film. Catalysis Today, 2016, 278, 280-290.	4.4	57
41	Controlling Surface Plasmon Optical Transmission with an Electrochemical Switch Using Conducting Polymer Thin Films. Advanced Functional Materials, 2012, 22, 4383-4388.	14.9	56
42	Ultra-sensitive and highly selective H ₂ sensors based on FSP-made Rh-substituted SnO ₂ sensing films. Sensors and Actuators B: Chemical, 2017, 240, 1141-1152.	7.8	56
43	Synthesis of nano-sized ZnO powders by thermal decomposition of zinc acetate using Broussonetia papyrifera (L.) Vent pulp as a dispersant. Current Applied Physics, 2006, 6, 499-502.	2.4	55
44	Enhancement of visible-light photocatalytic activity of Cu-doped TiO ₂ nanoparticles. Research on Chemical Intermediates, 2016, 42, 2815-2830.	2.7	55
45	H ₂ gas sensor based on PdO _x -doped In ₂ O ₃ nanoparticles synthesized by flame spray pyrolysis. Applied Surface Science, 2019, 475, 191-203.	6.1	55
46	Aqueous and Surface Chemistries of Photocatalytic Fe-Doped CeO ₂ Nanoparticles. Catalysts, 2017, 7, 45.	3.5	54
47	Highly-sensitive H ₂ S sensors based on flame-made V-substituted SnO ₂ sensing films. Sensors and Actuators B: Chemical, 2017, 242, 1095-1107.	7.8	52
48	Electrochemically controlled surface plasmon resonance immunosensor for the detection of human immunoglobulin G on poly(3-aminobenzoic acid) ultrathin films. Sensors and Actuators B: Chemical, 2010, 147, 322-329.	7.8	50
49	Hydrothermal synthesis of novel CoFe ₂ O ₄ /BiVO ₄ nanocomposites with enhanced visible-light-driven photocatalytic activities. Materials Letters, 2016, 181, 86-91.	2.6	50
50	H ₂ Sensing Response of Flame-spray-made Ru/SnO ₂ Thick Films Fabricated from Spin-Coated Nanoparticles. Sensors, 2009, 9, 8996-9010.	3.8	49
51	A novel CeO ₂ /Bi ₂ WO ₆ composite with highly enhanced photocatalytic activity. Materials Letters, 2015, 156, 28-31.	2.6	49
52	Highly efficient visible-light-induced photocatalytic activity of Bi ₂ WO ₆ /BiVO ₄ heterojunction photocatalysts. Materials Research Bulletin, 2014, 54, 28-33.	5.2	48
53	Improvement of Flame-made ZnO Nanoparticulate Thick Film Morphology for Ethanol Sensing. Sensors, 2007, 7, 650-675.	3.8	47
54	Synthesis and Characterization of WO ₃ /CeO ₂ Heterostructured Nanoparticles for Photodegradation of Indigo Carmine Dye. ACS Omega, 2021, 6, 19771-19777.	3.5	47

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55	Effects of Palladium Loading on the Response of Thick Film Flame-made ZnO Gas Sensor for Detection of Ethanol Vapor. <i>Sensors</i> , 2007, 7, 1159-1184.	3.8	46
56	H ₂ S sensor based on SnO ₂ nanostructured film prepared by high current heating. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 565-578.	7.8	46
57	A facile synthesis of nanocrystalline anatase TiO ₂ from TiOSO ₄ aqueous solution. <i>Materials Letters</i> , 2013, 105, 76-79.	2.6	45
58	Synthesis of Thermally Spherical CuO Nanoparticles. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-5.	2.7	45
59	CoTiO ₃ /Ag ₃ VO ₄ composite: A study on the role of CoTiO ₃ and the active species in the photocatalytic degradation of methylene blue. <i>Journal of Colloid and Interface Science</i> , 2015, 454, 210-215.	9.4	45
60	Nanostructured Ultrathin Films of Alternating Sexithiophenes and Electropolymerizable Polycarbazole Precursor Layers Investigated by Electrochemical Surface Plasmon Resonance (EC-SPR) Spectroscopy. <i>Langmuir</i> , 2008, 24, 9017-9023.	3.5	43
61	WO ₃ nanotubes/SnO ₂ nanoparticles heterointerfaces for ultrasensitive and selective NO ₂ detections. <i>Applied Surface Science</i> , 2018, 458, 319-332.	6.1	43
62	Flame-Spray-Made Undoped Zinc Oxide Films for Gas Sensing Applications. <i>Sensors</i> , 2010, 10, 7863-7873.	3.8	42
63	Doctor-bladed thick films of flame-made Pd/ZnO nanoparticles for ethanol sensing. <i>Current Applied Physics</i> , 2008, 8, 336-339.	2.4	41
64	Effect of La doping on structural, magnetic and microstructural properties of Ba _{1-x} La _x Fe ₁₂ O ₁₉ ceramics prepared by citrate combustion process. <i>Journal of Electroceramics</i> , 2006, 16, 357-361.	2.0	40
65	Structure and Band-Gap Design of a New Series of Light-Emitting Poly(cyanofluorene-alt-o/m/p-phenylenevinylene)-Based Copolymers for Light-Emitting Diodes. <i>Macromolecules</i> , 2006, 39, 3848-3854.	4.8	40
66	Highly sensitive acetone sensors based on flame-spray-made La ₂ O ₃ -doped SnO ₂ nanoparticulate thick films. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 245-262.	7.8	40
67	Selectivity of flame-spray-made Nb/ZnO thick films towards NO ₂ gas. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 360-367.	7.8	39
68	Highly sensitive and selective detection of ethanol vapor using flame-spray-made CeO _x -doped SnO ₂ nanoparticulate thick films. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 8-21.	7.8	38
69	Effect of iron loading on the photocatalytic performance of Bi ₂ WO ₆ photocatalyst. <i>Superlattices and Microstructures</i> , 2014, 76, 362-375.	3.1	37
70	Photocatalytic Degradation of Municipal Wastewater and Brilliant Blue Dye Using Hydrothermally Synthesized Surface-Modified Silver-Doped ZnO Designer Particles. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	2.5	36
71	Photodegradation of organic dyes by CeO ₂ /Bi ₂ WO ₆ nanocomposite and its physicochemical properties investigation. <i>Ceramics International</i> , 2016, 42, 16007-16016.	4.8	36
72	Influence of Cu doping on the visible-light-induced photocatalytic activity of InVO ₄ . <i>RSC Advances</i> , 2017, 7, 13911-13918.	3.6	36

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73	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
74	Enhancement of p-type gas-sensing performances of NiO nanoparticles prepared by precipitation with RuO ₂ impregnation. Sensors and Actuators B: Chemical, 2016, 236, 466-473.	7.8	35
75	Ultrafine Bi ₂ WO ₆ nanoparticles prepared by flame spray pyrolysis for selective acetone gas-sensing. Materials Science in Semiconductor Processing, 2019, 90, 263-275.	4.0	35
76	Gas sensing properties of conducting polymer/Au-loaded ZnO nanoparticle composite materials at room temperature. Nanoscale Research Letters, 2014, 9, 467.	5.7	34
77	Synthesis of Fe ₃ O ₄ /SiO ₂ /CeO ₂ Core-Shell Magnetic and Their Application as Photocatalyst. Journal of Nanoscience and Nanotechnology, 2014, 14, 7756-7762.	0.9	34
78	Effects of reduced graphene oxide loading on gas-sensing characteristics of flame-made Bi ₂ WO ₆ nanoparticles. Applied Surface Science, 2019, 496, 143613.	6.1	34
79	Influence of glass basicity on redox interactions of iron-manganese-copper ion pairs in soda-lime-silica glass. Glass Physics and Chemistry, 2008, 34, 19-29.	0.7	33
80	Flame-made niobium doped zinc oxide nanoparticles in bulk heterojunction solar cells. Applied Physics Letters, 2010, 97, .	3.3	33
81	Highly efficient visible light-induced photocatalytic degradation of methylene blue over InVO ₄ /BiVO ₄ composite photocatalyst. Journal of Materials Science, 2015, 50, 5788-5798.	3.7	33
82	Phase-controlled microwave synthesis of pure monoclinic BiVO ₄ nanoparticles for photocatalytic dye degradation. Applied Materials Today, 2015, 1, 67-73.	4.3	33
83	Development of dopamine biosensor based on polyaniline/carbon quantum dots composite. Journal of Polymer Research, 2020, 27, 1.	2.4	33
84	Synthesis and characterization of novel magnetically separable CoFe ₂ O ₄ /CeO ₂ nanocomposite photocatalysts. Materials Letters, 2013, 113, 76-79.	2.6	32
85	Highly selective hydrogen sensing of Pt-loaded WO ₃ synthesized by hydrothermal/impregnation methods. International Journal of Hydrogen Energy, 2014, 39, 6120-6128.	7.1	32
86	InVO ₄ –BiVO ₄ composite films with enhanced visible light performance for photodegradation of methylene blue. Catalysis Today, 2016, 278, 291-302.	4.4	32
87	The effect of Pt nanoparticles loading on H ₂ sensing properties of flame-spray-made SnO ₂ sensing films. Materials Chemistry and Physics, 2014, 147, 661-672.	4.0	30
88	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
89	Flame-made single phase Zn ₂ TiO ₄ nanoparticles. Materials Letters, 2011, 65, 2007-2009.	2.6	29
90	Highly sensitive and selective ethylene gas sensors based on CeO _x -SnO ₂ nanocomposites prepared by a Co-precipitation method. Materials Chemistry and Physics, 2020, 254, 123540.	4.0	29

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91	NO ₂ sensing properties of flame-made MnO _x -loaded ZnO-nanoparticle thick film. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 239-249.	7.8	28
92	Photocatalytic degradation of dye using CeO ₂ /SCB composite catalysts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 218-224.	3.9	28
93	Photocatalytic Oxidation of Methanol Using Titanium Dioxide/Single-Walled Carbon Nanotube Composite. <i>Journal of the Electrochemical Society</i> , 2007, 154, A407.	2.9	27
94	Role of molybdenum substitutional dopants on H ₂ S-sensing enhancement of flame-spray-made SnO ₂ nanoparticulate thick films. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 678-690.	7.8	27
95	Roles of cobalt doping on ethanol-sensing mechanisms of flame-spray-made SnO ₂ nanoparticles [~] electrolytically exfoliated graphene interfaces. <i>Applied Surface Science</i> , 2017, 425, 351-366.	6.1	27
96	Electro [~] Copolymerization of Layer [~] by [~] Layer Deposited Polythiophene and Polycarbazole Precursor Ultrathin Films. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1522-1527.	3.9	26
97	Nanostructured carbon nanotubes/copper phthalocyanine hybrid multilayers prepared using layer-by-layer self-assembly approach. <i>Thin Solid Films</i> , 2010, 518, 2200-2205.	1.8	26
98	Band offsets of novel CoTiO ₃ /Ag ₃ VO ₄ heterojunction measured by X-ray photoelectron spectroscopy. <i>Applied Surface Science</i> , 2015, 324, 705-709.	6.1	26
99	Cellulose-precursor synthesis of nanocrystalline Co _{0.5} Cu _{0.5} Fe ₂ O ₄ spinel ferrites. <i>Materials Research Bulletin</i> , 2012, 47, 473-477.	5.2	25
100	NO ₂ gas sensing of flame-made Pt-loaded WO ₃ thick films. <i>Journal of Solid State Chemistry</i> , 2014, 214, 47-52.	2.9	25
101	Pt-doped In ₂ O ₃ nanoparticles prepared by flame spray pyrolysis for NO ₂ sensing. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	24
102	Long-range surface plasmon resonance immunosensor based on water-stable electrospun poly(acrylic) Tj ETQq0 0 0 ggBT /Overlock 10 T	7.8	23
103	Flame-spray-made PtO _x -functionalized Zn ₂ SnO ₄ spinel nanostructures for conductometric H ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128132.	7.8	23
104	Roles of catalytic PtO ₂ nanoparticles on nitric oxide sensing mechanisms of flame-made SnO ₂ nanoparticles. <i>Applied Surface Science</i> , 2018, 458, 281-292.	6.1	22
105	High performance hydrogen gas sensors based on PdO-decorated p-type CoV ₂ O ₆ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2020, 324, 128744.	7.8	22
106	Formaldehyde sensor based on FSP-made AgO _x -doped SnO ₂ nanoparticulate sensing films. <i>Sensors and Actuators B: Chemical</i> , 2020, 309, 127705.	7.8	22
107	A novel CeO ₂ /InVO ₄ composite with high visible-light induced photocatalytic activity. <i>Materials Letters</i> , 2015, 160, 75-80.	2.6	21
108	Functional Conducting Polymers in the Application of SPR Biosensors. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-7.	3.4	19

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109	Photocatalytic activities of Fe ²⁺ -Cu/TiO ₂ on the mineralization of oxalic acid and formic acid under visible light irradiation. Powder Technology, 2014, 266, 447-455.	4.2	19
110	Influence of graphene oxide on photocatalytic enhancement of cerium dioxide. Materials Letters, 2017, 209, 43-47.	2.6	19
111	Cation distribution and magnetic behavior of Mg _{1-x} Zn _x Fe ₂ O ₄ ceramics monitored by Mössbauer Spectroscopy. Journal of Electroceramics, 2006, 16, 363-368.	2.0	18
112	Photocatalytic Mineralization of Organic Acids over Visible-Light-Driven Au/BiVO ₄ Photocatalyst. International Journal of Photoenergy, 2013, 2013, 1-7.	2.5	18
113	The effect of iron doping on the photocatalytic activity of a Bi ₂ WO ₆ -BiVO ₄ composite. RSC Advances, 2016, 6, 54060-54068.	3.6	18
114	Effect of Er doping on flame-made SnO ₂ nanoparticles to ethylene oxide sensing. Sensors and Actuators B: Chemical, 2021, 328, 129022.	7.8	18
115	Chemical synthesis of bismuth titanate microparticles. Ceramics International, 2004, 30, 1917-1919.	4.8	17
116	Chemical synthesis of magnesium niobate powders. Materials Letters, 2004, 58, 853-858.	2.6	17
117	Adsorption and Photocatalytic Processes of Mesoporous SiO ₂ -Coated Monoclinic BiVO ₄ . Frontiers in Chemistry, 2018, 6, 415.	3.6	17
118	Enhanced Photocurrent Generation in Nanostructured Chromophore/Carbon Nanotube Hybrid Layer-by-Layer Multilayers. Journal of Physical Chemistry C, 2010, 114, 14716-14721.	3.1	16
119	Cr-site preference of BaFe ₁₂ -xCr _x O ₁₉ hexaferrite ceramics monitored by Mössbauer spectroscopy. Physica Status Solidi (B): Basic Research, 2007, 244, 2190-2198.	1.5	15
120	Catalytic roles of Sm ₂ O ₃ dopants on ethylene oxide sensing mechanisms of flame-made SnO ₂ nanoparticles. Applied Surface Science, 2018, 454, 30-45.	6.1	15
121	Single-Nozzle Flame Synthesis of Spinel Zn _{1-x} Sn _x O ₄ Nanoparticles for Selective Detection of Formic Acid. IEEE Sensors Journal, 2020, 20, 6256-6262.	4.7	15
122	New light-emitting poly((9,9-diarylethynyl)fluorene)diyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (vinylene)alt</i>	3.1	14
123	Characterization of single phase Pt-doped Zn ₂ TiO ₄ nanoparticles synthesized by flame spray pyrolysis. Materials Letters, 2012, 68, 97-100.	2.6	14
124	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
125	Development of an electrochemical surface plasmon dual biosensor based on carboxylated conducting polymer thin films. Journal of Applied Polymer Science, 2018, 135, 45641.	2.6	14
126	Title is missing!. ScienceAsia, 2001, 27, 239.	0.5	14

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127	Single-Walled Carbon Nanotube/Trititanate Nanotube Composite Fibers. <i>Advanced Engineering Materials</i> , 2009, 11, B55.	3.5	13
128	Detection of Human IgG on Poly(pyrrole-3-carboxylic acid) Thin Film by Electrochemical-Surface Plasmon Resonance Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 01BK02.	1.5	13
129	Flame-spray-made Zn In O alloyed nanoparticles for NO ₂ gas sensing. <i>Journal of Alloys and Compounds</i> , 2016, 680, 711-721.	5.5	13
130	Characterization of bismuth vanadate (BiVO ₄) nanoparticle prepared by solvothermal method. <i>Integrated Ferroelectrics</i> , 2016, 175, 18-24.	0.7	13
131	Flame-Made Pt-Loaded TiO ₂ Thin Films and Their Application as H ₂ Gas Sensors. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	2.7	11
132	Kinetics of Water Gas Shift Reaction on Au/CeZrO ₄ : A Comparison Between Conventional Heating and Dielectric Barrier Discharge (DBD) Plasma Activation. <i>Topics in Catalysis</i> , 2020, 63, 363-369.	2.8	11
133	H ₂ Sensor Based on Au/TiO ₂ Nanoparticles by Flame-Made. <i>Engineering Journal</i> , 2012, 16, 135-142.	1.0	11
134	Home-made Detection Device for a Mixture of Ethanol and Acetone. <i>Sensors</i> , 2007, 7, 202-213.	3.8	10
135	Effects of Glass Structure on the Optical Absorption of Transition Ions in Industrial Soda-Lime-Silica Glasses. <i>Journal of Solid Mechanics and Materials Engineering</i> , 2007, 1, 508-518.	0.5	9
136	Electrochemically controlled detection of adrenaline on poly(2-aminobenzylamine) thin films by surface plasmon resonance spectroscopy and quartz crystal microbalance. <i>Surface and Interface Analysis</i> , 2013, 45, 1661-1666.	1.8	9
137	Microwave-assisted Synthesis Bismuth Vanadate (BiVO ₄) Powder. <i>Ferroelectrics</i> , 2013, 455, 35-42.	0.6	9
138	Characterization of Diatomite, Leonardite and Pumice. <i>Materials Science Forum</i> , 0, 872, 211-215.	0.3	9
139	Dye Mixtures Degradation by Multi-Phase BiVO ₄ Photocatalyst. <i>Applied Mechanics and Materials</i> , 0, 886, 138-145.	0.2	9
140	Fabrication and characterization of electrospun poly(3-aminobenzylamine)/ functionalized multi-walled carbon nanotubes composite film for electrochemical glucose biosensor. <i>EXPRESS Polymer Letters</i> , 2022, 16, 439-450.	2.1	9
141	Photocatalytic mineralization of carboxylic acids over Fe-loaded ZnS nanoparticles. <i>Materials Research Bulletin</i> , 2013, 48, 1668-1674.	5.2	8
142	Temperature-controlled synthesis and photocatalytic properties of ZnO-SnO ₂ nanocomposites. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 579-588.	1.9	8
143	Electropolymerization of layer-by-layer precursor polymer films. <i>Polymers for Advanced Technologies</i> , 2011, 22, 753-758.	3.2	7
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