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Preparation and enhanced daylight-induced photocatalytic activity of C,N,S-tridoped titanium dioxide powders

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#	Paper	IF	Citations
121	Synthesis and solid characterization of nitrogen and sulfur-doped TiO2 photocatalysts active under near visible light. 2008 , 62, 4204-4206		132
120	A simple method for the preparation of titania hollow sphere. 2008 , 9, 2574-2577		57
119	Enhanced visible light photocatalytic activity of Zn2SnO4 via sulfur anion-doping. 2009 , 63, 1169-1171		41
118	Preparation, characterization and activity evaluation of p-n junction photocatalyst p-CaFe2O4/n-Ag3VO4 under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1415-23	3 ^{12.8}	128
117	Synthesis of C,N,S-tridoped mesoporous titania with enhanced visible light-induced photocatalytic activity. 2009 , 122, 1-6		32
116	Surface-modification of indium tin oxide nanoparticles with titanium dioxide by a nonaqueous process and its photocatalytic properties. 2009 , 255, 3642-3647		21
115	Enhancement of Photocatalytic Activity of Mesporous TiO2 Powders by Hydrothermal Surface Fluorination Treatment. 2009 , 113, 6743-6750		530
114	Nitrogen-doped TiO2 nanotube array films with enhanced photocatalytic activity under various light sources. <i>Journal of Hazardous Materials</i> , 2010 , 184, 855-863	12.8	213
113	Preparation and enhanced daylight-induced photo-catalytic activity of transparent C-Doped TiO2 thin films. 2010 , 25, 738-742		9
112	Solar photocatalytic decomposition of two azo dyes on multi-walled carbon nanotubes (MWCNTs)/TiO2 composites. 2010 , 4, 311-320		7
111	In situ Photopolymerization of a Gel Ionic Liquid Electrolyte in the Presence of Iodine and Its Use in Dye Sensitized Solar Cells. 2010 , 31, 479-83		45
110	The advancements in solgel method of doped-TiO2 photocatalysts. 2010 , 375, 1-11		400
109	Effect of phase structures on the photocatalytic activity of surface fluorinated TiO2. 2010 , 95, 383-392		71
108	Nitrogen-doped TiO2 modified with NH4F for efficient photocatalytic degradation of formaldehyde under blue light-emitting diodes. <i>Journal of Hazardous Materials</i> , 2010 , 182, 90-6	12.8	74
107	Effect of phase structures on the formation rate of hydroxyl radicals on the surface of TiO2. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 519-522	3.9	65
106	Facile Synthesis of N- and S-Incorporated Nanocrystalline TiO2 and Direct Solar-Light-Driven Photocatalytic Activity. 2010 , 114, 19473-19482		152
105	Fabrication of uniform Ag/TiO2 nanotube array structures with enhanced photoelectrochemical performance. 2010 , 34, 1335		164

(2012-2010)

104	and Visible Light Activity. 2010 , 22, 3704-3711	64
103	Nitrogen and sulfur co-doped TiO2 nanosheets with exposed {001} facets: synthesis, characterization and visible-light photocatalytic activity. 2011 , 13, 4853-61	264
102	Preparation of thermally stable anatase TiO2 photocatalyst from TiOF2 precursor and its photocatalytic activity. 2011 , 509, 4557-4562	82
101	Fabrication and enhanced visible-light photocatalytic activity of carbon self-doped TiO2 sheets with exposed {001} facets. 2011 , 21, 1049-1057	360
100	Porous SnIn4S8 microspheres in a new polymorph that promotes dyes degradation under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2011 , 186, 272-9	62
99	Preparation of titanium nitride nanoparticles from a novel refluxing derived precursor. 2011, 26, 429-433	7
98	Enhanced Bone Cells Growth and Proliferation on TiO2 Nanotubular Substrates Treated by RF Plasma Discharge. 2011 , 13, B95-B101	7
97	Influence of physicochemicallectronic properties of transition metal ion doped polycrystalline titania on the photocatalytic degradation of Indigo Carmine and 4-nitrophenol under UV/solar light. 2011 , 257, 2779-2790	66
96	CNB tridoped TiO2 for photocatalytic degradation of tetracycline under visible-light irradiation. 2011 , 399, 252-261	226
95	Photocatalytic photodegradation of xanthate over C, N, S-tridoped TiO2 nanotubes under visible light irradiation. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 39-44	41
94	Synthesis and photo-degradation application of WO3/TiO2 hollow spheres. <i>Journal of Hazardous Materials</i> , 2011 , 189, 329-35	101
93	Visible Light Photocatalytic Activity of C, N, S-Tridoped Anatase TiO2 Nanosheets. 2011 , 391-392, 1117-1122	1
92	Synthesis and Characterization of MnIIIodopedTiO2Nanoparticles and Photocatalytic Degradation of Methyl Orange Dye under Sunlight Irradiation. 2012 , 2012, 1-7	8
91	Synthesis and Characterization of Fe-N-S-tri-DopedTiO2Photocatalyst and Its Enhanced Visible Light Photocatalytic Activity. 2012 , 2012, 1-5	5
90	Degradation of Gaseous Formaldehyde by Visible Light-Responsive Titania Photocatalyst Filter. 2012 , 2012, 1-10	2
89	UV- and Visible-Light Photocatalytic Activity of Simultaneously Deposited and Doped Ag/Ag(I)-TiO2 Photocatalyst. 2012 , 116, 17721-17728	213
88	A sonochemical route to fabricate the novel porous F, Ce-codoped TiO2 photocatalyst with efficient photocatalytic performance. 2012 , 19, 903-911	23
87	Comparison of photocatalysis degradation of 4-nitrophenol using N,S co-doped TiO2 nanoparticles synthesized by two different routes. 2012 , 64, 17-26	24

86	Noble metal-free reduced graphene oxide-ZnxCdExS nanocomposite with enhanced solar photocatalytic HEproduction performance. 2012 , 12, 4584-9	777
85	One-step synthesis of FeNS-tri-doped TiO2 catalyst and its enhanced visible light photocatalytic activity. 2012 , 47, 3804-3809	41
84	A New Approach for Photocorrosion Inhibition of Ag2CO3 Photocatalyst with Highly Visible-Light-Responsive Reactivity. 2012 , 116, 15519-15524	235
83	Surfactant-aided solgel synthesis of mesoporous-assembled TiO2NiO mixed oxide nanocrystals and their photocatalytic azo dye degradation activity. 2012 , 192, 292-300	64
82	Synthesis and photocatalytic activity of ferrites under visible light: A review. 2012 , 87, 1-14	536
81	Cysteine modified anatase TiO2 hollow microspheres with enhanced visible-light-driven photocatalytic activity. 2012 , 356, 78-84	66
80	Design of Advanced Photocatalytic Materials for Energy and Environmental Applications. 2013,	65
79	Preparation and Photocatalytic Activity of Fe-Ce-N Tri-Doped TiO2 Catalysts. 2013, 750-752, 1276-1282	1
78	N and N,S-doped TiO2 photocatalysts and their activity in NOx oxidation. 2013 , 209, 41-46	50
77	Evaluation of a submerged membrane vis-LED photoreactor (sMPR) for carbamazepine degradation and TiO2 separation. 2013 , 215-216, 240-251	35
76	Construction of N, S codoped TiO2 NCs decorated TiO2 nano-tube array photoelectrode and its enhanced visible light photocatalytic mechanism. 2013 , 103, 134-142	63
75	Synthesis and enhanced visible-light responsive of C,N,S-tridoped TiO2 hollow spheres. 2013 , 25, 2150-6	27
74	Visible photocatalytic activity enhancement of Zn0.8Cd0.2S by hybridization of reduced graphene oxide. 2013 , 109, 100-103	16
73	Hydrothermal preparation and photocatalytic performance of N, S-doped nanometer TiO2 under sunshine irradiation. 2013 , 237, 616-622	27
72	Modification of titania nanoparticles for photocatalytic antibacterial activity via a colloidal route with glycine and subsequent annealing. 2013 , 28, 354-361	19
71	A review on non metal ion doped titania for the photocatalytic degradation of organic pollutants under UV/solar light: Role of photogenerated charge carrier dynamics in enhancing the activity. 2013 , 140-141, 559-587	426
70	Preparation, characterization and photocatalytic performances of materials based on CS2-modified titanate nanotubes. 2013 , 31, 531-542	5
69	Enhanced Visible Light Photocatalytic Activity for TiO2Nanotube Array Films by Codoping with Tungsten and Nitrogen. 2013 , 2013, 1-8	16

(2015-2013)

68 Cu(OH)2/N-TiO2 Compound Heterojunction Photocatalyst: Preparation, Characterization and Photocatalytic Properties. **2013**, 652-654, 774-778

67	Non-metal Doping for Band-Gap Engineering. 2013 , 287-309	2
66	Structural characterization and optical property of TiO2 powders prepared by the solgel method. 2014 , 40, 8659-8666	73
65	Non-metal doping of transition metal oxides for visible-light photocatalysis. 2014 , 225, 111-135	243
64	Photocurrent Generation and Conductivity Relaxation in Reduced Graphene Oxide Cd0.75Zn0.25S Nanocomposite and Its Photocatalytic Activity. 2014 , 118, 28283-28290	38
63	Facile synthesis, structure and visible light photocatalytic activity of recyclable ZnFe2O4/TiO2. 2014 , 319, 83-89	54
62	One-pot hydrothermal synthesis of mesoporous Zn(x)Cd(1-x)S/reduced graphene oxide hybrid material and its enhanced photocatalytic activity. 2014 , 43, 12894-903	37
61	Sulphur, nitrogen-doped TiO2/graphene oxide composites as a high performance photocatalyst. 2014 , 9, 749-761	11
60	One-Pot Room Temperature Synthesis of Cu2O/Ag Composite Nanospheres with Enhanced Visible-Light-Driven Photocatalytic Performance. 2014 , 53, 16316-16323	69
59	Catalytic oxidation of formaldehyde on surface of HTiO2/HCTiO2 without light illumination at room temperature. 2014 , 147, 490-498	87
58	Review on modified NIIiO2 for green energy applications under UV/visible light: selected results and reaction mechanisms. 2014 , 4, 28265-28299	125
57	Origin of photocatalytic activity of W/N-codoped TiO2: H2 production and DFT calculation with GGA+U. 2014 , 152-153, 73-81	38
56	Ti powder-assisted synthesis of Ti3+ self-doped TiO2 nanosheets with enhanced visible-light photoactivity. 2014 , 4, 19588-19593	44
55	Synthesis of CNN tri-doped TiO2photo-catalyst for MO degradation and characterization. 2015 , 2, 105011	6
54	Fabrication of Ta2O5 films on tantalum substrate for efficient photocatalysis. 2015 , 65, 24-29	26
53	One-step hydrothermal synthesis of C-N-S-tridoped TiO2-based nanosheets photoelectrode for enhanced photoelectrocatalytic performance and mechanism. 2015 , 170, 182-190	30
52	Boosting Photovoltaic Performance of Dye-Sensitized Solar Cells Using Silver Nanoparticle-Decorated N,S-Co-Doped-TiO2 Photoanode. 2015 , 5, 11922	123
51	Continuous synthesis of a co-doped TiO2 photocatalyst and its enhanced visible light catalytic activity using a photocatalysis microreactor. 2015 , 5, 54853-54860	17

50	Photoredox degradation of different water pollutants (MO, RhB, MB, and Cr(VI)) using FeINB-tri-doped TiO2 nanophotocatalyst prepared by novel chemical method. 2015 , 70, 106-113	20
49	Preparation and Solar Light Photocatalytic Activity of N-Doped TiO2-Loaded Halloysite Nanotubes Nanocomposites. 2015 , 24, 4090-4095	11
48	Synthesis and characterization of N-modified titania nanotubes for photocatalytic applications. 2015 , 22, 810-9	11
47	Synthesis of nanosized TiO2 powder by sol gel method at low temperature. 2016 , 627, 170-175	12
46	Prospective aspects of preferential {001} facets of N,S-co-doped TiO2 photocatalysts for visible-light-responsive photocatalytic activity. 2016 , 6, 89274-89287	15
45	Degradation of atrazine from the riparian zone with a PEC system based on an anode of NBIIiO2 nanocrystal-modified TiO2 nanotubes and an activated carbon photocathode. 2016 , 6, 89994-90001	5
44	Synthesis of activated charcoal supported Bi-doped TiO2 nanocomposite under solar light irradiation for enhanced photocatalytic activity. 2016 , 387, 944-956	27
43	Synthesis and Modification of Zn-doped TiO2 Nanoparticles for the Photocatalytic Degradation of Tetracycline. 2016 , 92, 651-7	21
42	SnxTi1-xO2 solid-solution-nanoparticle embedded mesoporous silica (SBA-15) hybrid as an engineered photocatalyst with enhanced activity. 2016 , 186, 353-70	16
41	Titanium oxynitride microspheres with the rock-salt structure for use as visible-light photocatalysts. 2016 , 4, 869-876	32
40	Boron doped g-C3N4 with enhanced photocatalytic UO22+ reduction performance. 2016 , 360, 1016-1022	164
39	Synthesis and photocatalytic activity of N-doped BixTi1-xO2 photocatalysts under energy saving lamp illumination. 2017 , 26, 785-795	4
38	High performance carbon/silica co-decorated TiO 2 nanotubes for visible-light driven water splitting. 2017 , 93, 162-169	8
37	Review on Undoped/Doped TiO2 Nanomaterial; Synthesis and Photocatalytic and Antimicrobial Activity. 2017 , 64, 103-116	66
36	CNB tridoping into TiO2 matrix for photocatalytic applications: observations, speculations and contradictions in the codoping process. 2017 , 4, 1250-1267	30
35	The interplay of sulfur doping and surface hydroxyl in band gap engineering: Mesoporous sulfur-doped TiO2 coupled with magnetite as a recyclable, efficient, visible light active photocatalyst for water purification. 2017 , 218, 20-31	89
34	Effect of sodium carbonate as an additive on the morphology and photocatalytic activity of TiO2 nanotubes. 2017 , 95, 169-176	8

(2020-2017)

32	Highly active non-metals doped mixed-phase TiO 2 for photocatalytic oxidation of ibuprofen under visible light. 2017 , 346, 530-540		59	
31	N, S co-doped graphene quantum dots-graphene-TiO2 nanotubes composite with enhanced photocatalytic activity. 2017 , 691, 369-377		144	
30	Comparing the photocatalytic activity of N-doped and S-doped titanium dioxide nanoparticles for water splitting under sunlight radiation. 2018 , 15, 1301-1310		11	
29	TiO2 photocatalyst for removal of volatile organic compounds in gas phase 🛭 review. 2018 , 334, 2408-243	9	483	
28	TiO[Nanotubes/Ag/MoS[Meshy Photoelectrode with Excellent Photoelectrocatalytic Degradation Activity for Tetracycline Hydrochloride. 2018 , 8,		10	
27	One-pot topotactic synthesis of Ti 3+ self-doped 3D TiO 2 hollow nanoboxes with enhanced visible light response. 2018 , 39, 1373-1383		22	
26	Photocatalysis. 2018 , 135-175		44	
25	In-situ growth of ZnIn2S4 decorated on electrospun TiO2 nanofibers with enhanced visible-light photocatalytic activity. 2018 , 706, 68-75		24	
24	Fabrication and photocatalytic performance of C, N, F-tridoped TiO2 nanotubes. 2019 , 327, 182-189		20	
23	Preparation and photocatalytic activity of Ag-modified GO-TiO2 mesocrystals under visible light irradiation. 2019 , 480, 105-114		39	
22	Enhanced Sunlight driven photocatalytic performance and visualization of latent fingerprint by green mediated ZnFe2O4RGO nanocomposite. 2020 , 13, 1449-1465		12	
21	Graphene Oxide Hybridised TiO2 for Visible Light Photocatalytic Degradation of Phenol. <i>Symmetry</i> , 2020 , 12, 1420	7	6	
20	Synthesis of reduced C,N-TiO2 for catalytic oxidation of HCHO indoors. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 1895-1906	5	1	
19	Effect of the Modification of TiO2 with Thiourea on its Photocatalytic Activity in Doxycycline Degradation. <i>Theoretical and Experimental Chemistry</i> , 2020 , 56, 183-191	3	3	
18	Photocatalytic Reactivity of Carbon Nitrogen Sulfur-Doped TiO2 Upconversion Phosphor Composites. <i>Catalysts</i> , 2020 , 10, 1188		3	
17	Synthesis of C-N-S-Tridoped TiO2 from Vietnam Ilmenite Ore and Its Visible Light-Driven-Photocatalytic Activity for Tetracyline Degradation. <i>Journal of Nanomaterials</i> , 2020 , 2020, 1-14	<u>»</u>	7	
16	One-pot facile sol-gel synthesis of W, N, C and S doped TiO2 and its application in the photocatalytic degradation of thymol under the solar light irradiation: Reaction kinetics and degradation mechanism. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 141, 109350)	5	
15	Nano-photocatalyst in photocatalytic oxidation processes. 2020 , 151-165		О	

14	Photocatalytic degradation of textile dyeing wastewater under visible light irradiation using green synthesized mesoporous non-metal-doped TiO2. <i>Bulletin of Materials Science</i> , 2021 , 44, 1	1.7	3
13	Environmental Applications of Nanotechnology: Nano-enabled Remediation Processes in Water, Soil and Air Treatment. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	6
12	Remarkable enhancement of visible light driven photocatalytic performance of TiO2 by simultaneously doping with C, N, and S. <i>Chemical Physics</i> , 2021 , 545, 111144	2.3	10
11	Investigation of the photocatalytic activity of a novel-driven photocatalyst L-cysteine-TiO2/Bi2O3 under visible light irradiation: process optimization and modeling. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	1
10	Chapter 7 Doping. 2016 , 79-108		
9	Chapter 11 Photocatalytic degradation of volatile organic compounds. 2016 , 133-158		
8	INFLUENCE OF CALCINATION TEMPERATURE ON STRUCTURAL-DIMENSIONAL CHARACTERISTICS OF C,S-DOPED TIO2 NANOSTRUCTURES AND THEIR PHOTOCATALYTIC ACTIVITY IN THE CEFTAZIOME AND DOXYCYCLINE PHOTODEGRADATION PROCESSES. <i>Ukrainian Chemistry Journal</i> ,	0.4	1
7	A comparison study of the performance of Ag2CO3 photocatalysts synthesized respectively in a surfactant-free microemulsion, water, and a water/propan-2-ol mixture. <i>Journal of Materiomics</i> , 2022 ,	6.7	1
6	Visible light responsive S-Doped TiO2 nanoparticles: synthesis, characterization and photocatalytic degradation of pollutants. <i>Nanotechnology for Environmental Engineering</i> , 1	5.1	О
5	Polyacrylonitrile Derived Robust and Flexible Poly(ionic liquid)s Nanofiber Membrane as Catalyst Supporter. <i>Catalysts</i> , 2022 , 12, 266	4	O
4	Synthesis and evaluation of photocatalytic properties of NaIIiO2/Sr4All4O25:Eu,Dy phosphor composites. 2023 , 153, 107132		0
3	Integrated Adsorption-Photocatalytic Decontamination of Oxytetracycline from Wastewater Using S-Doped TiO2/WS2/Calcium Alginate Beads. 2022 , 12, 1676		O
2	Oxygen vacancy-rich C/Ti3C2/(001)TiO2 hollow microspheres and the photocatalytic degradation of organic pollutants. 2023 , 666, 131258		0
1	Photocatalysis: TiO2, ZnO, and species of iron oxides. 2023 , 101-126		O