

Physicochemical and photocatalytic characterizations of

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Complex-assisted one-step synthesis of ion-exchangeable titanate nanotubes decorated with CdS nanoparticles. <i>Chemical Physics Letters</i> , 2005, 411, 445-449.	1.2	70
2	Synthesis and Characterization of Pt(0) Nanoparticles in Imidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13011-13020.	1.2	224
3	The photocatalytic activity of sol-gel derived photo-platinized TiO ₂ films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 189, 334-348.	2.0	18
4	Pt Catalyst Supported on Multiwalled Carbon Nanotubes for Hydrogenation-De aromatization of Toluene. <i>Chinese Journal of Catalysis</i> , 2007, 28, 210-216.	6.9	33
5	Surfactant-Templated Synthesis and Catalytic Properties of Patterned Nanoporous Titania Supports Loaded with Platinum Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 5301-5306.	3.2	32
6	Influences of the H ₂ PtCl ₆ Solution's pH on the Photocatalytic Activities of Platinum-Loaded TiO ₂ Nanotubes. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 1408-1411.	1.3	4
7	Ag ₂ Se complex nanostructures with photocatalytic activity and superhydrophobicity. <i>Nano Research</i> , 2010, 3, 863-873.	5.8	55
8	Pt Catalyst Supported on Multi-Walled Carbon Nanotubes for Hydrogenation-De aromatization of Toluene and Tetralin. <i>Catalysis Letters</i> , 2010, 135, 83-90.	1.4	18
9	Preparation of silver-modified TiO ₂ via microwave-assisted method and its photocatalytic activity for toluene degradation. <i>Journal of Hazardous Materials</i> , 2010, 177, 639-647.	6.5	96
10	Heteronanostructure of Ag particle on titanate nanowire membrane with enhanced photocatalytic properties and bactericidal activities. <i>Journal of Hazardous Materials</i> , 2010, 178, 1109-1114.	6.5	66
11	Dependence of sonochemical parameters on the platinization of rutile titania – An observation of a pronounced increase in photocatalytic efficiencies. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 621-627.	3.8	30
12	Composites of Metal Nanoparticles and TiO ₂ Immobilized in Spherical Polyelectrolyte Brushes. <i>Langmuir</i> , 2010, 26, 4176-4183.	1.6	29
13	Synthesis and Characterization of Ag Nanoparticles and Ag-Loaded TiO ₂ Photocatalysts. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3780-3786.	1.9	17
14	Photocatalytic Degradation of Poly(Vinyl Alcohol) on Pt/TiO ₂ with Fenton Reagent. <i>Journal of Polymers and the Environment</i> , 2011, 19, 966-970.	2.4	22
15	Synthesis and Photocatalytic Activity of Single-Crystalline Hollow rh-In ₂ O ₃ Nanocrystals. <i>Inorganic Chemistry</i> , 2012, 51, 6529-6536.	1.9	59
16	Structure and stability of pristine and Bi and/or Sb decorated titanate nanotubes. <i>Journal of Molecular Structure</i> , 2013, 1044, 104-108.	1.8	10
17	Pt and Au/TiO ₂ photocatalysts for methanol reforming: Role of metal nanoparticles in tuning charge trapping properties and photoefficiency. <i>Applied Catalysis B: Environmental</i> , 2013, 130-131, 239-248.	10.8	219
18	Role of the Surface Lewis Acid and Base Sites in the Adsorption of CO ₂ on Titania Nanotubes and Platinized Titania Nanotubes: An in Situ FT-IR Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12661-12678.	1.5	88

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19	Nanophotocatalysts via microwave-assisted solution-phase synthesis for efficient photocatalysis. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8299.	5.2	107
20	Preparation of ordered mesoporous TiO ₂ thin film and its application in methanol catalytic combustion. <i>Surface and Interface Analysis</i> , 2013, 45, 1317-1322.	0.8	8
21	Study of niobium and tantalum doped titania-supported Pt electrocatalysts for methanol oxidation and oxygen reduction reactions. <i>Catalysis Science and Technology</i> , 2014, 4, 3891-3898.	2.1	27
22	Nanostructured Pt@TiO ₂ composite thin films obtained by direct liquid injection metal organic chemical vapor deposition: Control of chemical state by X-ray photoelectron spectroscopy. <i>Thin Solid Films</i> , 2015, 591, 237-244.	0.8	8
24	Au and Pt nanoparticle supported catalysts tailored for H ₂ production: From models to powder catalysts. <i>Applied Catalysis A: General</i> , 2016, 518, 18-47.	2.2	30
27	Synthesis of Nanocrystalline Photo-Active Semiconductors. <i>Lecture Notes in Quantum Chemistry II</i> , 2018, , 241-318.	0.3	0
28	Half-Sphere Shell Supported Pt Catalyst for Electrochemical Methanol Oxidation. <i>Journal of the Electrochemical Society</i> , 2020, 167, 084510.	1.3	5
29	Research Progress of Adsorption and Photocatalysis of Formaldehyde on TiO ₂ /AC. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-16.	1.5	2
30	Unraveling highly efficient nanomaterial photocatalyst for pollutant removal: a comprehensive review and future progress. <i>Materials Today Chemistry</i> , 2022, 23, 100692.	1.7	26
31	Binding interaction of 5-amino-2-mercaptobenzimidazole with Au-TiO ₂ : inhibition of switch-on fluorescence. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 842-847.	0.9	1
32	Integration of phosphate functionalized Pt/TiO ₂ and Ru(bpy) ₃ ²⁺ sensitization for ultrasensitive assay of adenosine deaminase activity on a novel split-typed PEC aptasensor. <i>Biosensors and Bioelectronics</i> , 2023, 226, 115141.	5.3	5