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Sulfur on TiO₂(110) studied with resonant photoemission

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#	Paper	IF	Citations
28	Variations of the local electronic surface properties of TiO ₂ (110) induced by intrinsic and extrinsic defects. <i>Physical Review B</i> , 2002 , 66,	3.3	69
27	The adsorption of chlorine on TiO ₂ (110) studied with scanning tunneling microscopy and photoemission spectroscopy. <i>Surface Science</i> , 2002 , 505, 336-348	1.8	37
26	Band gap narrowing of titanium dioxide by sulfur doping. <i>Applied Physics Letters</i> , 2002 , 81, 454-456	3.4	1269
25	Resonant photoemission from Si(001). <i>Surface Science</i> , 2003 , 524, 137-140	1.8	
24	Study of the interactions between the overlayer and the substrate in the early stages of palladium growth on TiO ₂ (110). <i>Surface Science</i> , 2003 , 540, 117-128	1.8	22
23	The surface science of titanium dioxide. <i>Surface Science Reports</i> , 2003 , 48, 53-229	12.9	6317
22	S Adsorption at Regular and Defect Sites of the MgO (001) Surface: Cluster Model Study at DFT Level. <i>Surface Review and Letters</i> , 2003 , 10, 691-695	1.1	17
21	Sulphur on rutile(110): A theoretical study. <i>Surface Science</i> , 2006 , 600, 1884-1890	1.8	3
20	The electronic structure of ultrathin aluminum oxide film grown on FeAl(110): A photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2007 , 101, 063706	2.5	4
19	Supercritical preparation of a highly active S-doped TiO ₂ photocatalyst for methylene blue mineralization. <i>Environmental Science & Technology</i> , 2007 , 41, 4410-4	10.3	238
18	A Highly Efficient Visible-Light-Activated Photocatalyst Based on Bismuth- and Sulfur-Codoped TiO ₂ . <i>Journal of Physical Chemistry C</i> , 2008 , 112, 6620-6626	3.8	153
17	A surface X-ray diffraction study of TiO ₂ (110)(3×3)R. <i>Surface Science</i> , 2009 , 603, 2015-2020	1.8	2
16	Photodegradation of Rhodamine B on Sulfur Doped ZnO/TiO ₂ Nanocomposite Photocatalyst under Visible-light Irradiation. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 2144-2150	4.9	23
15	Direct Observation of Surface-Mediated Electron-Hole Pair Recombination in TiO ₂ (110). <i>Journal of Physical Chemistry C</i> , 2010 , 114, 3098-3101	3.8	95
14	Effect of Adsorbed Donor and Acceptor Molecules on Electron Stimulated Desorption: O ₂ /TiO ₂ (110). <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 2185-2188	6.4	69
13	4-tert-Butyl Pyridine Bond Site and Band Bending on TiO ₂ (110). <i>Journal of Physical Chemistry C</i> , 2010 , 114, 2315-2320	3.8	39
12	A two-dimensional phase of TiO ₂ with a reduced bandgap. <i>Nature Chemistry</i> , 2011 , 3, 296-300	17.6	339

11	Oxide/polymer interfaces for hybrid and organic solar cells: Anatase vs. Rutile TiO ₂ . <i>Solar Energy Materials and Solar Cells</i> , 2011 , 95, 1362-1374	6.4	53
10	A surface science perspective on TiO ₂ photocatalysis. <i>Surface Science Reports</i> , 2011 , 66, 185-297	12.9	1592
9	Solution Combustion Synthesis of TiO ₂ and Its Use for Fabrication of Photoelectrode for Dye-sensitized Solar Cell. <i>Journal of Materials Science and Technology</i> , 2012 , 28, 713-722	9.1	30
8	Synthesis and enhanced visible-light responsive of C,N,S-tridoped TiO ₂ hollow spheres. <i>Journal of Environmental Sciences</i> , 2013 , 25, 2150-6	6.4	27
7	Structure of clean and adsorbate-covered single-crystal rutile TiO ₂ surfaces. <i>Chemical Reviews</i> , 2013 , 113, 3887-948	68.1	257
6	A kinetic study for the degradation of 1,2-dichloroethane by S-doped TiO ₂ under visible light. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	20
5	Electronic signatures of a model pollutant-particle system: chemisorbed phenol on TiO ₂ (110). <i>Langmuir</i> , 2015 , 31, 3869-75	4	13
4	Improved visible-light photocatalytic activity of NaTaO ₃ with perovskite-like structure via sulfur anion doping. <i>Applied Catalysis B: Environmental</i> , 2015 , 166-167, 104-111	21.8	86
3	Kinetic Control of Oxygen Interstitial Interaction with TiO(110) via the Surface Fermi Energy. <i>Langmuir</i> , 2020 , 36, 12632-12648	4	4
2	Adsorptive desulfurization of jet fuels over TiO ₂ -CeO ₂ mixed oxides: Role of surface Ti and Ce cations. <i>Catalysis Today</i> , 2021 , 371, 265-275	5.3	8
1	Fabrication of S-doped Ti ₃ C ₂ T _x materials with enhanced electromagnetic wave absorbing properties. <i>Journal of Alloys and Compounds</i> , 2022 , 891, 161942	5.7	2