

Ken-ichi Katsumata

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4235165/publications.pdf>

Version: 2024-02-01

123
papers

2,769
citations

172386

29
h-index

214721

47
g-index

125
all docs

125
docs citations

125
times ranked

4026
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete decomposition of sulfamethoxazole during an advanced oxidation process in a simple water treatment system. <i>Chemosphere</i> , 2022, 287, 132029.	4.2	13
2	Effects of particle size, concentration and pore size on the loading density of silica nanoparticle monolayer arrays on anodic aluminum oxide substrates prepared by the spin-coating method. <i>Materials Chemistry and Physics</i> , 2022, 277, 125465.	2.0	4
3	Regioselective Approach to Characterizing Increased Edge Availability in Layered Crystal Materials following Layer Expansion: Reaction of Kaolinite with Octadecyltrimethylammonium Salts. <i>Materials</i> , 2022, 15, 588.	1.3	5
4	ZnO/ZnS-Polyvinyl Alcohol Hydrogel for Photocatalytic H ₂ -Generation. <i>Catalysts</i> , 2022, 12, 272.	1.6	12
5	Enhanced Hydrogen Production at Optimum pH for the Recovery Cycle of Fe^{2+} -FeOOH. <i>ACS Omega</i> , 2022, 7, 16049-16054.	1.6	5
6	Effect of kaolinite edge surfaces on formation of Tb ³⁺ -doped phosphor by solid-state reaction. <i>RSC Advances</i> , 2022, 12, 15435-15439.	1.7	10
7	Assessment of the Crystallization Process of $\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ Glass Probed with Tb ³⁺ Luminescence. <i>Inorganic Chemistry</i> , 2022, 61, 11478-11483.	1.9	8
8	Hydrogen production using iron oxyhydroxide with light irradiation. <i>Renewable Energy</i> , 2021, 164, 1284-1289.	4.3	7
9	Expansion of orderly stacked metakaolinite layers and order destruction using a kaolinite-tetraphenylphosphonium chloride intercalation compound. <i>RSC Advances</i> , 2021, 11, 23090-23094.	1.7	5
10	Preparation of microporous glass fiber cloth without cracking. <i>Journal of the Ceramic Society of Japan</i> , 2021, 129, 438-442.	0.5	2
11	C-doped ZnS-ZnO/Rh nanosheets as multijunctioned photocatalysts for effective H ₂ generation from pure water under solar simulating light. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120473.	10.8	45
12	A facile method of generating aluminosilicate nanoparticles: Complete fragmentation of kaolinite nanoscrolls via manual grinding. <i>Applied Clay Science</i> , 2021, 214, 106295.	2.6	6
13	Rod-Shaped Fe^{2+} -FeOOH Synthesis for Hydrogen Production under Light Irradiation. <i>ACS Omega</i> , 2021, 6, 30562-30568.	1.6	7
14	Effects of kaolinite layer expansion and impurities on the solid-state reaction of kaolinite. <i>RSC Advances</i> , 2021, 11, 38473-38477.	1.7	12
15	Hydrogen Production System by Light-Induced Fe^{2+} -FeOOH Coupled with Photoreduction. <i>Chemistry - A European Journal</i> , 2020, 26, 2380-2385.	1.7	5
16	The study of correlation between electrical conductivity of solution-processed ZnO film and UV irradiation. <i>Materials Science in Semiconductor Processing</i> , 2020, 120, 105266.	1.9	1
17	One-Pot Synthesis of Anatase, Rutile-Decorated Hydrogen Titanate Nanorods by Yttrium Doping for Solar H ₂ Production. <i>ACS Omega</i> , 2020, 5, 23081-23089.	1.6	7
18	Formation of ammonium ions by electrochemical oxidation of urea with a boron-doped diamond electrode. <i>New Journal of Chemistry</i> , 2020, 44, 17637-17640.	1.4	7

#	ARTICLE	IF	CITATIONS
19	One-pot synthesis of (anatase/bronze-type)-TiO ₂ /carbon dot polymorphic structures and their photocatalytic activity for H ₂ generation. Applied Surface Science, 2020, 526, 146650.	3.1	11
20	Fabrication of a Silica-Silica Nanoparticle Monolayer Array Nanocomposite Film on an Anodic Aluminum Oxide Substrate and Its Optical and Tribological Properties. ACS Applied Materials & Interfaces, 2020, 12, 27672-27681.	4.0	4
21	Hydrogen Production System by Light-Induced FeOOH Coupled with Photoreduction. Chemistry - A European Journal, 2020, 26, 2297-2297.	1.7	1
22	Synergetic effect in water treatment with mesoporous TiO ₂ /BDD hybrid electrode. RSC Advances, 2020, 10, 1793-1798.	1.7	11
23	Persistent luminescence properties of monoclinic luminescent zirconium oxide annealed under different oxygen partial pressures. Journal of the Ceramic Society of Japan, 2020, 128, 175-180.	0.5	5
24	Synthesis of a mesoporous titania thin film with a pseudo-single-crystal framework by liquid-phase epitaxial growth, and enhancement of photocatalytic activity. RSC Advances, 2020, 10, 40658-40662.	1.7	2
25	In situ charge carrier dynamics of semiconductor nanostructures for advanced photoelectrochemical and photocatalytic applications. Nanophotonics, 2020, 10, 777-795.	2.9	44
26	Liquid-phase atomic layer deposition of crystalline hematite without post-growth annealing. CrystEngComm, 2019, 21, 4184-4191.	1.3	11
27	Single Crystal ZrO ₂ Nanosheets Formed by Thermal Transformation for Solid Oxide Fuel Cells and Oxygen Sensors. ACS Applied Nano Materials, 2019, 2, 6866-6873.	2.4	10
28	Underwater wettability of oleic acid on TiO ₂ photocatalyst surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 548, 32-36.	2.3	4
29	Efficient photocatalytic degradation of gaseous acetaldehyde over ground Rh-Sb co-doped SrTiO ₃ under visible light irradiation. RSC Advances, 2018, 8, 5331-5337.	1.7	23
30	Solution Plasma Process-Derived Defect-Induced Heterophase Anatase/Brookite TiO ₂ Nanocrystals for Enhanced Gaseous Photocatalytic Performance. ACS Omega, 2018, 3, 898-905.	1.6	47
31	Multifunctionality in coating films including Nb-doped TiO ₂ and Cs ₂ WO ₃ : near infrared shielding and photocatalytic properties. Nanotechnology, 2018, 29, 224001.	1.3	22
32	Synthesis and fluorescence properties of lanthanide-supported titanate nanosheets. Journal of Luminescence, 2018, 194, 316-320.	1.5	4
33	Positive shift in the potential of photo-electrochemical CO ₂ reduction to CO on Ag-loaded boron-doped diamond electrode by an electrochemical pre-treatment. Journal of Applied Electrochemistry, 2018, 48, 61-73.	1.5	15
34	Photocatalytic reduction of CO ₂ on Cu ₂ O-loaded Zn-Cr layered double hydroxides. Applied Catalysis B: Environmental, 2018, 224, 783-790.	10.8	129
35	Ion exchange of layered titanate with transition metal and application to ammonia storage. Journal of the Ceramic Society of Japan, 2018, 126, 808-813.	0.5	1
36	Denaturation of Lysozyme with Visible-light-responsive Photocatalysts of Ground Rhodium-doped and Ground Rhodium-antimony-co-doped Strontium Titanate. Journal of Oleo Science, 2018, 67, 1521-1533.	0.6	2

#	ARTICLE	IF	CITATIONS
37	Synthesis of Mesoporous TiO ₂ /Boron-Doped Diamond Photocatalyst and Its Photocatalytic Activity under Deep UV Light ($\lambda = 222$ nm) Irradiation. <i>Molecules</i> , 2018, 23, 3095.	1.7	11
38	Facile Deposition of Cu ^x /SnO ₂ Hybrid Nanostructures on Lightly Boron-Doped Diamond Electrodes for CO ₂ Reduction. <i>ChemElectroChem</i> , 2018, 5, 2542-2550.	1.7	24
39	Photocatalytic, superhydrophilic, self-cleaning TiO ₂ coating on cheap, light-weight, flexible polycarbonate substrates. <i>Applied Surface Science</i> , 2018, 458, 917-923.	3.1	126
40	Fe ₂ O ₃ -loaded activated carbon fiber/polymer materials and their photocatalytic activity for methylene blue mineralization by combined heterogeneous-homogeneous photocatalytic processes. <i>Applied Surface Science</i> , 2017, 402, 444-455.	3.1	20
41	Systematic studies of TiO ₂ -based photocatalysts anti-algal effects on <i>Chlorella vulgaris</i> . <i>Journal of Applied Electrochemistry</i> , 2017, 47, 197-203.	1.5	7
42	Fabrication of Efficient Visible-light-responsive TiO ₂ -WO ₃ Hollow Particle Photocatalyst by Electrospray Method. <i>Chemistry Letters</i> , 2017, 46, 122-124.	0.7	9
43	Selective Inactivation of Bacteriophage in the Presence of Bacteria by Use of Ground Rh-Doped SrTiO ₃ Photocatalyst and Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31393-31400.	4.0	35
44	Influence of Surface Morphology and Conductivity on Photocatalytic Performance of Solution-Processed Zinc Oxide Film. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2480-2485.	1.7	2
45	Series of MxWO ₃ /ZnO (M = K, Rb, NH ₄) nanocomposites: Combination of energy saving and environmental decontamination functions. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 128-136.	10.8	96
46	Effect of rutile TiO ₂ on the photocatalytic performance of g-C ₃ N ₄ /brookite-TiO ₂ -xNy photocatalyst for NO decomposition. <i>Applied Surface Science</i> , 2017, 392, 531-539.	3.1	66
47	Comparative Study of Crystallographic and Electrical Properties of Zinc Oxide Films Fabricated by Dry and Wet Processes. <i>Science of Advanced Materials</i> , 2017, 9, 1678-1682.	0.1	0
48	Fabrication of Al-Doped ZnO Film with High Conductivity Induced by Photocatalytic Activity. <i>Journal of Electronic Materials</i> , 2016, 45, 4875-4880.	1.0	8
49	Ionic-Liquid-Assisted Selective and Controlled Electrochemical CO ₂ Reduction at Cu-Modified Boron-Doped Diamond Electrode. <i>ChemElectroChem</i> , 2016, 3, 1044-1047.	1.7	31
50	Adhesive strength of bioactive oxide layers fabricated on TNTZ alloy by three different alkali-solution treatments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 61, 174-181.	1.5	7
51	Different hollow and spherical TiO ₂ morphologies have distinct activities for the photocatalytic inactivation of chemical and biological agents. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 988-994.	1.6	18
52	Boron-doped diamond semiconductor electrodes: Efficient photoelectrochemical CO ₂ reduction through surface modification. <i>Scientific Reports</i> , 2016, 6, 38010.	1.6	43
53	Sporicidal performance induced by photocatalytic production of organic peroxide under visible light irradiation. <i>Scientific Reports</i> , 2016, 6, 33715.	1.6	13
54	Facet control of ceria nanocrystals synthesized by an oleate-modified hydrothermal method. <i>Advanced Powder Technology</i> , 2016, 27, 64-71.	2.0	6

#	ARTICLE	IF	CITATIONS
55	High-conductivity solution-processed ZnO films realized via UV irradiation and hydrogen treatment. <i>Acta Materialia</i> , 2016, 103, 844-849.	3.8	23
56	Bioactive surface modification of Ti ⁴⁺ /Nb ⁵⁺ /Ta ⁵⁺ /Zr alloy through alkali solution treatments. <i>Materials Science and Engineering C</i> , 2016, 62, 662-667.	3.8	11
57	The Morphological Properties of Heterostructured Fe ₃ O ₄ /ZnO Film by Aqueous Solution Process. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-5.	1.2	1
58	Low temperature Solution-Processed ZnO film on flexible substrate. <i>Materials Science in Semiconductor Processing</i> , 2016, 47, 20-24.	1.9	12
59	Porous magnetite secondary particles prepared by surfactant-free solvothermal method with non-contact heat-assisted drug releasing property. <i>Advanced Powder Technology</i> , 2016, 27, 513-520.	2.0	3
60	Nitrogen-doped ZnO Rods Synthesized from an Ammine-Hydroxo Zinc Complex. <i>Chemistry Letters</i> , 2015, 44, 651-653.	0.7	1
61	Study on the Effect of Pt Intercalation into Layered Niobate Perovskite for Photocatalytic Behavior. <i>Langmuir</i> , 2015, 31, 7660-7665.	1.6	11
62	Porous ZrO ₂ sheets synthesized using an ionothermal method and their absorption properties. <i>Dalton Transactions</i> , 2015, 44, 8247-8254.	1.6	9
63	Transparent ZnO Films Deposited by Aqueous Solution Process Under Various pH Conditions. <i>Journal of Electronic Materials</i> , 2015, 44, 2657-2662.	1.0	7
64	Highly Dispersed Iron Oxide Nanoparticles Synthesized by Solvothermal Method Adding Electrostatic Stabilizers. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	1.2	2
65	Self-organization of TiO ₂ Nanobamboos by Anodization with Deep Eutectic Solvent. <i>Electrochimica Acta</i> , 2015, 153, 409-415.	2.6	35
66	ZnO-graphene composites as practical photocatalysts for gaseous acetaldehyde degradation and electrolytic water oxidation. <i>Applied Catalysis A: General</i> , 2015, 490, 1-9.	2.2	123
67	Enhanced photocatalytic activity of titanium dioxide/allophane mixed powder by acid treatment. <i>Applied Clay Science</i> , 2014, 90, 61-66.	2.6	5
68	Using design of mixture experiments to optimize triaxial ceramic tile compositions incorporating Cambodian clays. <i>Applied Clay Science</i> , 2014, 87, 97-107.	2.6	19
69	Preparation of Bi ₂ WO ₆ and BiOI-allophane composites for efficient photodegradation of gaseous acetaldehyde under visible light. <i>Applied Clay Science</i> , 2014, 101, 38-43.	2.6	22
70	Template-free solvothermal preparation of ZnO hollow microspheres covered with c planes. <i>RSC Advances</i> , 2014, 4, 25148-25154.	1.7	11
71	Preparation of iron oxide-impregnated spherical granular activated carbon-carbon composite and its photocatalytic removal of methylene blue in the presence of oxalic acid. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 763-769.	0.9	13
72	Photodegradation of gaseous acetaldehyde and methylene blue in aqueous solution with titanium dioxide-loaded activated carbon fiber polymer materials and aquatic plant ecotoxicity tests. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4309-4319.	2.7	19

#	ARTICLE	IF	CITATIONS
73	Adsorption and photodegradation of methylene blue with Fe ₂ O ₃ -activated carbons under UV illumination in oxalate solution. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 2026-2036.	3.3	20
74	Synthesis of heterostructured In ₂ O ₃ /BiOCl powders and their visible-light-driven photocatalytic activity for the degradation of Rhodamine B. <i>Advanced Powder Technology</i> , 2014, 25, 1292-1303.	2.0	19
75	Fabrication of Heterostructured $\hat{I}\pm$ -Fe ₂ O ₃ /ZnO Film for Photoelectrode by Aqueous Solution Process. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2014, 61, S324-S326.	0.1	4
76	Adsorption and photodegradation of methylene blue by iron oxide impregnated on granular activated carbons in an oxalate solution. <i>Applied Surface Science</i> , 2013, 284, 72-79.	3.1	37
77	Preparation and UV-shielding property of Zr _{0.7} Ce _{0.3} O ₂ kaolinite nanocomposites. <i>Applied Clay Science</i> , 2013, 80-81, 147-153.	2.6	19
78	Heterostructured Fe ₃ O ₄ /Bi ₂ O ₂ CO ₃ photocatalyst: Synthesis, characterization and application in recyclable photodegradation of organic dyes under visible light irradiation. <i>Materials Chemistry and Physics</i> , 2013, 142, 95-105.	2.0	46
79	Preparation of graphitic carbon nitride (g-C ₃ N ₄)/WO ₃ composites and enhanced visible-light-driven photodegradation of acetaldehyde gas. <i>Journal of Hazardous Materials</i> , 2013, 260, 475-482.	6.5	265
80	Capillary rise properties of porous mullite ceramics prepared by an extrusion method with various diameters of fiber pore formers. <i>Journal of Materials Science</i> , 2013, 48, 941-947.	1.7	17
81	Preparation and photocatalytic reduction of CO ₂ on noble metal (Pt, Pd, Au) loaded Zn-Cr layered double hydroxides. <i>Materials Letters</i> , 2013, 107, 138-140.	1.3	64
82	Preparation and characterization of lotus ceramics with different pore sizes and their implication for the generation of microbubbles for CO ₂ sequestration applications. <i>Ceramics International</i> , 2013, 39, 1443-1449.	2.3	9
83	One-step hydrothermal synthesis and photocatalytic performance of ZnWO ₄ /Bi ₂ WO ₆ composite photocatalysts for efficient degradation of acetaldehyde under UV light irradiation. <i>Applied Catalysis A: General</i> , 2013, 457, 12-20.	2.2	45
84	Visible-light-driven photodegradation of acetaldehyde gas catalyzed by aluminosilicate nanotubes and Cu(II)-grafted TiO ₂ composites. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 243-252.	10.8	30
85	Synthesis of In ₂ O ₃ /BiOCl Composite Photocatalyst and its Photocatalytic Activity for the Degradation of Rhodamine B under Visible Light Irradiation. <i>Advanced Materials Research</i> , 2013, 747, 635-638.	0.3	2
86	Effects of Thermal Treatment on Crystallographic and Electrical Properties of Transparent Conductive ZnO Films Deposited by Spin-Spray Method. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 110108.	0.8	12
87	Granular Activated Carbons Impregnated by Iron Oxide (Fe-GACs) for Simultaneous Adsorption and Photodecomposition of Methylene Blue in an Oxalate Solution. <i>Advanced Materials Research</i> , 2013, 795, 153-157.	0.3	5
88	Crystal-face Dependence of Photoinduced Hydrophilic Conversion on SrTiO ₃ Surfaces. <i>Chemistry Letters</i> , 2013, 42, 618-620.	0.7	4
89	Solution Process for Synthesizing Bioactive Nano-Mesh Layer on Ti-Based Bulk Metallic Glasses. <i>Materials Transactions</i> , 2013, 54, 1343-1346.	0.4	6
90	Production of Ni-Based Glassy Alloy-Coated Bipolar Plate with Hydrophilic Surface for PEMFC and Its Evaluation by Electrochemical Impedance Spectroscopy. <i>Materials Transactions</i> , 2013, 54, 1324-1329.	0.4	4

#	ARTICLE	IF	CITATIONS
91	Preparation of TiO ₂ -Fullerene Composites and Their Photocatalytic Activity under Visible Light. International Journal of Photoenergy, 2012, 2012, 1-9.	1.4	17
92	An aqueous solution process and subsequent UV treatment for highly transparent conductive ZnO films. Journal of Materials Chemistry, 2012, 22, 20706.	6.7	35
93	CaTiO ₃ nanobricks prepared from anodized TiO ₂ nanotubes. Electrochemistry Communications, 2012, 22, 101-104.	2.3	20
94	Stability of Sc ₂ O ₃ and CeO ₂ co-doped ZrO ₂ electrolyte during the operation of solid oxide fuel cells: Part III. Detailed mechanism of the decomposition. Solid State Ionics, 2012, 224, 6-14.	1.3	15
95	Bioactive Titanium Oxide-Based Nanostructures Prepared by One-Step Hydrothermal Anodization. Journal of Physical Chemistry C, 2012, 116, 8054-8062.	1.5	19
96	Synthesis of Amphiphilic Brookite Nanoparticles with High Photocatalytic Performance for Wide Range of Application. ACS Applied Materials & Interfaces, 2012, 4, 4846-4852.	4.0	50
97	NIR-excited NIR and visible luminescent properties of amphiphatic YVO ₄ : Er ³⁺ /Yb ³⁺ nanoparticles. Journal of Materials Science, 2012, 47, 2241-2247.	1.7	22
98	Porous ceramics mimicking nature's preparation and properties of microstructures with unidirectionally oriented pores. Science and Technology of Advanced Materials, 2011, 12, 064701.	2.8	48
99	Tuning Growth Modes of Ceria-Based Nanocubes by a Hydrothermal Method. Crystal Growth and Design, 2011, 11, 3754-3760.	1.4	76
100	Pseudo-Cube Shaped Brookite (TiO ₂) Nanocrystals Synthesized by an Oleate-Modified Hydrothermal Growth Method. Crystal Growth and Design, 2011, 11, 4831-4836.	1.4	50
101	A Proposal of Recycling Type Spin-spray Ferrite Plating to Attain Low Environmental Load. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2011, 58, 560-565.	0.1	0
102	Preparation of TiO ₂ Thin Films Using Water-soluble Titanium Complexes and Their Photoinduced Properties. Photochemistry and Photobiology, 2011, 87, 988-994.	1.3	10
103	Photocatalytic Activity and Related Surface Properties of Transparent ZnO Films Prepared by a Low-temperature Aqueous Route. Photochemistry and Photobiology, 2011, 87, 1009-1015.	1.3	7
104	Stability of Sc ₂ O ₃ and CeO ₂ co-doped ZrO ₂ electrolyte during the operation of solid oxide fuel cells: Part II the influences of Mn, Al and Si. Solid State Ionics, 2011, 204-205, 120-128.	1.3	6
105	Control of wetting on Ti-based bulk metallic glass surfaces by a hydrothermal method. Journal of Materials Science, 2011, 46, 3430-3435.	1.7	1
106	Photo-induced hydrophilicity of polycrystalline SrTiO ₃ thin films. Journal of the Ceramic Society of Japan, 2010, 118, 43-47.	0.5	9
107	Surface Finishing of Ti-6Al-4V by a Hydrothermal Method. Journal of the Surface Finishing Society of Japan, 2010, 42, 1-5.	0.5	0
108	Effect of surface microstructures on photo-induced hydrophilicity of NaNbO ₃ thin films by sol-gel process. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 267-270.	1.7	13

#	ARTICLE	IF	CITATIONS
109	Control of the Microstructure and Crystalline Orientation of ZnO Films on a Seed-free Glass Substrate by Using a Spin-Spray Method. <i>Crystal Growth and Design</i> , 2010, 10, 4968-4975.	1.4	39
110	Single-Step Fabrication of ZnO Rod Arrays on a Nonseeded Glass Substrate by a Spin-Spray Technique at 90 Å°C. <i>Crystal Growth and Design</i> , 2010, 10, 3502-3507.	1.4	30
111	Preparation and Characterization of Self-Cleaning Glass for Vehicle with Niobia Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 1236-1241.	4.0	48
112	Synthesis of Amphipathic YVO ₄ :Eu ³⁺ Nanophosphors by Oleate-Modified Nucleation/Hydrothermal-Growth Process. <i>Journal of Physical Chemistry C</i> , 2010, 114, 3763-3769.	1.5	39
113	Nanoscale heterogeneities in CeO ₂ –ZrO ₂ nanocrystals highlighted by UV-resonant Raman spectroscopy. <i>Nanoscale</i> , 2010, 2, 1426.	2.8	42
114	Photocatalytic Activity of NaNbO ₃ Thin Films. <i>Journal of the American Chemical Society</i> , 2009, 131, 3856-3857.	6.6	74
115	Photoinduced surface roughness variation in polycrystalline TiO ₂ thin films under different atmospheres. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 190, 53-57.	2.0	14
116	Photoinduced surface roughness variation in polycrystalline TiO ₂ thin films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 180, 75-79.	2.0	31
117	Effect of microstructure on photoinduced hydrophilicity of transparent anatase thin films. <i>Surface Science</i> , 2005, 579, 123-130.	0.8	28
118	Preparation and characterization of TiO ₂ thin films using vacuum ultraviolet light in a sol-gel process. <i>Surface Science</i> , 2005, 596, 197-205.	0.8	6
119	Preparation of phase-separated textures and crystalline phases from two-liquid immiscible melts in the TiO ₂ –SiO ₂ system. <i>Materials Research Bulletin</i> , 2004, 39, 1131-1139.	2.7	14
120	Effects of selective leaching of bismuth oxide sheets in triple-layered Aurivillius phases on their photocatalytic activities. <i>Chemical Physics Letters</i> , 2004, 393, 12-16.	1.2	21
121	Effect of Germanium Oxide (GeO ₂) Additive on the Anatase-to-Rutile Phase Transition. <i>Journal of the American Ceramic Society</i> , 2002, 85, 2078-2082.	1.9	12
122	The Effect of Citric Ion on the Spin-Sprayed ZnO Films: IR and XPS Study for the Organic Impurities. <i>Key Engineering Materials</i> , 0, 485, 291-294.	0.4	4
123	Hydrothermal Synthesis and Visible-Light-Driven Photocatalytic Activity of Allophane – Wakefieldite-(Ce) Composite. <i>Advanced Materials Research</i> , 0, 896, 545-548.	0.3	1