Josef Krysa

List of Publications by Year
in descending order

142 papers	4,516 citations	126907 33 h-index	123424 61 g-index
146 all docs	146 docs citations	146 times ranked	5545 citing authors

#	Article	IF	Citations
1	Self-Organized TiO2 Nanotube Layers as Highly Efficient Photocatalysts. Small, 2007, 3, 300-304.	10.0	766
2	Photoanodes based on TiO₂and Î±-Fe₂O₃for solar water splitting â€“ superior role of 1D nanoarchitectures and of combined heterostructures. Chemical Society Reviews, 2017, 46, 3716-3769.	38.1	535
3	Electrochemically assisted photocatalysis on self-organized TiO2 nanotubes. Electrochemistry Communications, 2007, 9, 2822-2826.	4.7	145
4	Photocatalytic degradation of model organic pollutants on an immobilized particulate TiO2 layer. Applied Catalysis B: Environmental, 2006, 64, 290-301.	20.2	134
5	Long service life IrO2/Ta2O5 electrodes for electroflotation. Journal of Applied Electrochemistry, 1994, 24, 1262-1266.	2.9	81
6	Insight into the photocatalytic activity of ZnCrâ€“CO3 LDH and derived mixed oxides. Applied Catalysis B: Environmental, 2015, 170-171, 25-33.	20.2	80
7	Effect of coating thickness and surface treatment of titanium on the properties of IrO2-Ta2O5 anodes. Journal of Applied Electrochemistry, 1996, 26, 999-1005.	2.9	78
8	Notes on the photo-induced characteristics of transition metal-doped and undoped titanium dioxide thin films. Journal of Colloid and Interface Science, 2010, 348, 198-205.	9.4	69
9	TiO2 and Fe2O3 Films for Photoelectrochemical Water Splitting. Molecules, 2015, 20, 1046-1058.	3.8	69
10	Correlation of oxidative and reductive dye bleaching on TiO2 photocatalyst films. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 203, 119-124.	3.9	61
11	The effect of thermal treatment on the properties of TiO2 photocatalyst. Materials Chemistry and Physics, 2004, 86, 333-339.	4.0	60
12	Photocatalytic degradation of several VOCs (n-hexane, n-butyl acetate and toluene) on TiO2 layer in a closed-loop reactor. Catalysis Today, 2013, 209, 153-158.	4.4	60
13	Singlet oxygen photogeneration efficiencies of a series of phthalocyanines in well-defined spectral regions. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 199, 267-273.	3.9	58
14	Two-component transparent TiO2/SiO2 and TiO2/PDMS films as efficient photocatalysts for environmental cleaning. Applied Catalysis B: Environmental, 2008, 79, 179-185.	20.2	54
15	Photocatalytic activity of solâ€“gel TiO2 thin films deposited on soda lime glass and soda lime glass precoated with a SiO2 layer. Surface and Coatings Technology, 2010, 204, 2570-2575.	4.8	51
16	A simple, inexpensive method for the rapid testing of the photocatalytic activity of self-cleaning surfaces. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 272, 18-20.	3.9	51
17	Immobilized particulate TiO2 photocatalysts for degradation of organic pollutants. Electrochimica Acta, 2005, 50, 5255-5260.	5.2	50
18	Sulphonated phthalocyanines as effective oxidation photocatalysts for visible and UV light regions. Journal of Molecular Catalysis A, 2007, 272, 213-219.	4.8	49

#	Article	IF	Citations
19	Mechanistic approach of the combined (ironâ€“TiO2) photocatalytic system for the degradation of pollutants in aqueous solution: an attempt of rationalisation. Applied Catalysis B: Environmental, 2005, 57, 257-265.	20.2	46
20	Weathering tests of photocatalytic facade paints containing ZnO and TiO2. Chemical Engineering Journal, 2015, 261, 83-87.	12.7	44
21	Inactivation of microorganisms in a flow-through photoreactor with an immobilized TiO2 layer. Journal of Chemical Technology and Biotechnology, 1999, 74, 149-154.	3.2	43
22	Photocatalytic properties of different TiO2 thin films of various porosity and titania loading. Catalysis Today, 2011, 161, 29-34.	4.4	43
23	Comparative kinetic study of atrazine photodegradation in aqueous Fe(ClO4)3 solutions and TiO2 suspensions. Applied Catalysis B: Environmental, 2003, 40, 1-12.	20.2	42
24	Photoelectrochemical and structural properties of TiO 2 nanotubes and nanorods grown on FTO substrate: Comparative study between electrochemical anodization and hydrothermal method used for the nanostructures fabrication. Catalysis Today, 2017, 287, 130-136.	4.4	42
25	On the improvement of PEC activity of hematite thin films deposited by high-power pulsed magnetron sputtering method. Applied Catalysis B: Environmental, 2015, 165, 344-350.	20.2	41
26	N-Doped titanium dioxide nanosheets: Preparation, characterization and UV/visible-light activity. Applied Catalysis B: Environmental, 2018, 232, 397-408.	20.2	41
27	Photocurrents and degradation rates on particulate TiO2 layers. Electrochimica Acta, 2005, 50, 4498-4504.	5.2	40
28	Comparative study of TiO2 and ZnO photocatalysts for the enhancement of ozone generation by surface dielectric barrier discharge in air. Applied Catalysis A: General, 2015, 502, 122-128.	4.3	37
29	Scaling up anodic TiO2 nanotube layers for gas phase photocatalysis. Electrochemistry Communications, 2018, 97, 91-95.	4.7	37
30	Effect of glass substrate and deposition technique on the properties of sol gel TiO2 thin films. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 81-86.	3.9	35
31	Photocatalytic activity indicator inks for probing a wide range of surfaces. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 290, 63-71.	3.9	35
32	Mineralisation of Monuron photoinduced by Fe(III) in aqueous solution. Chemosphere, 2004, 57, 1307-1315.	8.2	34
33	The influence of Fe(III) speciation on supported TiO2 efficiency: example of monuron photocatalytic degradation. Applied Catalysis B: Environmental, 2005, 58, 185-191.	20.2	34
34	Photo-induced electrochemical functionality of the TiO2 nanoscale films. Electrochimica Acta, 2009, 54, 3352-3359.	5.2	34
35	2D MoS₂ nanosheets on 1D anodic TiO₂ nanotube layers: an efficient co-catalyst for liquid and gas phase photocatalysis. Nanoscale, 2019, 11, 23126-23131.	5.6	34
36	Molecular structure effects in photodegradation of phenol and its chlorinated derivatives with phthalocyanines. Applied Catalysis B: Environmental, 2008, 80, 321-326.	20.2	33

#	Article	IF	Citations
37	Corrosion rate of titanium in H2SO4. Materials Chemistry and Physics, 1997, 48, 64-67.	4.0	32
38	Thin TiO2 films prepared by inkjet printing of the reverse micelles solâ€“gel composition. Sensors and Actuators B: Chemical, 2011, 160, 371-378.	7.8	32
39	High-power pulsed plasma deposition of hematite photoanode for PEC water splitting. Catalysis Today, 2014, 230, 8-14.	4.4	32
40	Photocatalytic behavior of nanosized TiO2 immobilized on layered double hydroxides by delamination/restacking process. Environmental Science and Pollution Research, 2012, 19, 3709-3718.	5.3	31
41	Self-organized transparent 1D TiO 2 nanotubular photoelectrodes grown by anodization of sputtered and evaporated Ti layers: A comparative photoelectrochemical study. Chemical Engineering Journal, 2017, 308, 745-753.	12.7	31
42	2D-Titanium dioxide nanosheets modified with Nd, Ag and Au: Preparation, characterization and photocatalytic activity. Catalysis Today, 2017, 281, 165-180.	4.4	30
43	Effect of coating thickness on the properties of IrO2â€“Ta2O5 anodes. Journal of Applied Electrochemistry, 1998, 28, 369-372.	2.9	29
44	Title is missing!. Journal of Applied Electrochemistry, 1998, 28, 843-853.	2.9	29
45	Photodegradation of metamitron (4-amino-6-phenyl-3-methyl-1,2,4-triazin-5(4H)-one) on TiO2. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 140, 93-98.	3.9	29
46	Title is missing!. Journal of Applied Electrochemistry, 2002, 32, 591-596.	2.9	27
47	Role of the template molecular structure on the photo-electrochemical functionality of the solâ€“gel titania thin films. Journal of Sol-Gel Science and Technology, 2009, 52, 398-407.	2.4	27
48	Multilayer TiO2/SiO2 thin solâ€“gel films: Effect of calcination temperature and Na+ diffusion. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 216, 194-200.	3.9	27
49	Photoelectrochemical properties of hierarchical nanocomposite structure: Carbon nanofibers/TiO2/ZnO thin films. Catalysis Today, 2011, 161, 8-14.	4.4	27
50	Double hollow cathode plasma jet-low temperature method for the TiO2âˆ’N photoresponding films. Electrochimica Acta, 2010, 55, 1548-1556.	5.2	26
51	Experimental investigation of the double layer capacity, X-ray diffraction and the relative surface content of TiH2 during pretreatment of titanium used for the preparation of dimensionally stable anodes with RuO2 and/or IrO2 coating. Electrochimica Acta, 1995, 40, 1997-2003.	5.2	24
52	Photocatalytic degradation of diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] on the layer of TiO2 particles in the batch mode plate film reactor. Journal of Chemical Technology and Biotechnology, 1998, 72, 169-175.	3.2	24
53	Free convective mass transfer in open upward-facing cylindrical cavities. Chemical Engineering Journal, 2000, 79, 179-186.	12.7	24
54	Atmospheric pressure barrier torch discharge and its optimization for flexible deposition of TiO2 thin coatings on various surfaces. Surface and Coatings Technology, 2009, 204, 667-675.	4.8	24

#	Article	IF	Citations
55	Smart inks as photocatalytic activity indicators of self-cleaning paints. Catalysis Today, 2017, 280, 8-13.	4.4	24
56	Composite materials based on active carbon/TiO2 for photocatalytic water purification. Catalysis Today, 2019, 328, 178-182.	4.4	23
57	Effect of oxidisable substrates on the photoelectrocatalytic properties of thermally grown and particulate TiO2 layers. Journal of Applied Electrochemistry, 2007, 37, 1313-1319.	2.9	22
58	Photocatalytic and photoelectrochemical properties of solâ€“gel TiO2 films of controlled thickness and porosity. Catalysis Today, 2014, 230, 2-7.	4.4	22
59	Composite photocatalysts based on TiO2 â€“ carbon for air pollutant removal: Aspects of adsorption. Catalysis Today, 2020, 340, 34-39.	4.4	22
60	Electrochemical Properties of TiO2 Electrode Prepared by Various Methods. Procedia Engineering, 2012, 42, 573-580.	1.2	21
61	Title is missing!. Journal of Applied Electrochemistry, 1999, 29, 429-435.	2.9	20
62	Non-Thermal Plasma and TiO2-Assistedn-Heptane Decomposition. Plasma Processes and Polymers, 2006, 3, 308-315.	3.0	20
63	Critical assessment of suitable methods used for determination of antibacterial properties at photocatalytic surfaces. Journal of Hazardous Materials, 2011, 195, 100-106.	12.4	20
64	Preparation of <scp>TiO</scp>₂â€<scp>SiO</scp>₂ composite photocatalysts for environmental applications. Journal of Chemical Technology and Biotechnology, 2014, 89, 1129-1135.	3.2	19
65	TiO2 Nanotubes on Transparent Substrates: Control of Film Microstructure and Photoelectrochemical Water Splitting Performance. Catalysts, 2018, 8, 25.	3.5	19
66	Free convective mass transfer at vertical cylindrical electrodes of varying aspect ratio. Journal of Applied Electrochemistry, 1992, 22, 429-436.	2.9	18
67	Advanced methods for titanium (IV) oxide thin functional coatings. Surface and Coatings Technology, 2008, 202, 2379-2383.	4.8	18
68	Photoactivity assessment of TiO2 thin films using Acid Orange 7 and 4-chlorophenol as model compounds. Part I: Key dependencies. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 250, 66-71.	3.9	18
69	Photoelectrochemical properties of sol-gel and particulateTiO2layers. International Journal of Photoenergy, 2003, 5, 115-122.	2.5	17
70	Raman spectroscopy of dip-coated and spin-coated solâ€“gel TiO2 thin films on different types of glass substrate. Journal of Sol-Gel Science and Technology, 2012, 63, 294-306.	2.4	17
71	Anodic self-organized transparent nanotubular/porous hematite films from Fe thin-films sputtered on FTO and photoelectrochemical water splitting. Research on Chemical Intermediates, 2015, 41, 9333-9341.	2.7	17
72	Cathodic reduction of hypochlorite during reduction of dilute sodium chloride solution. Journal of Applied Electrochemistry, 1995, 25, 155.	2.9	16

#	Article	IF	Citations
73	Effect of iron speciation on the photodegradation of Monuron in combined photocatalytic systems with immobilized or suspended TiO2. Environmental Chemistry Letters, 2009, 7, 127-132.	16.2	16
74	Structure and composition of zirconium oxide films formed in high pressure water with different Li+ concentration at 360Â°C. Materials Chemistry and Physics, 2000, 63, 1-8.	4.0	15
75	Photoelectrochemical and photocatalytic properties of titanium (IV) oxide nanoparticulate layers. Thin Solid Films, 2007, 515, 8455-8460.	1.8	15
76	Competitive adsorption and photodegradation of salicylate and oxalate on goethite. Catalysis Today, 2011, 161, 221-227.	4.4	15
77	WO3 thin films prepared by sedimentation and plasma sputtering. Chemical Engineering Journal, 2017, 318, 281-288.	12.7	15
78	Free convective mass transfer at up-pointing truncated cones. Chemical Engineering Journal, 2002, 85, 147-151.	12.7	14
79	Notes on heterogeneous photocatalysis with the model azo dye acid orange 7 on TiO2. Reaction Kinetics, Mechanisms and Catalysis, 2012, 106, 297-311.	1.7	14
80	Hematite photoanodes for solar water splitting: Directly sputtered vs. anodically oxidized sputtered Fe. Catalysis Today, 2017, 287, 99-105.	4.4	14
81	Î±-Fe2O3/TiO2 stratified photoanodes. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 366, 12-17.	3.9	14
82	Advanced oxidation processes for water/wastewater treatment. Environmental Science and Pollution Research, 2018, 25, 34799-34800.	5.3	14
83	Hematite films by aerosol pyrolysis: Influence of substrate and photocorrosion suppression by TiO2 capping. Catalysis Today, 2019, 335, 418-422.	4.4	14
84	Graphitic Carbon Nitride for Photocatalytic Air Treatment. Materials, 2020, 13, 3038.	2.9	14
85	Title is missing!. Journal of Applied Electrochemistry, 2000, 30, 1033-1041.	2.9	13
86	Photocatalytic Degradation of Acid Orange 7 on TiO2 Films Prepared from Various Powder Catalysts. Catalysis Letters, 2009, 133, 160-166.	2.6	13
87	Epoxy catalyzed solâ€“gel method for pinhole-free pyrite FeS2 thin films. Journal of Alloys and Compounds, 2014, 607, 169-176.	5.5	13
88	Photo-electrochemical stability of copper oxide photocathodes deposited by reactive high power impulse magnetron sputtering. Catalysis Today, 2019, 328, 29-34.	4.4	13
89	The influence of various deposition techniques on the photoelectrochemical properties of the titanium dioxide thin film. Journal of Sol-Gel Science and Technology, 2013, 65, 452-458.	2.4	12
90	Thermal sulfidation of Î±-Fe2O3 hematite to FeS2 pyrite thin electrodes: Correlation between surface morphology and photoelectrochemical functionality. Catalysis Today, 2018, 313, 224-230.	4.4	12

#	Article	IF	Citations
91	Semi-automatic spray pyrolysis deposition of thin, transparent, titania films as blocking layers for dye-sensitized and perovskite solar cells. Beilstein Journal of Nanotechnology, 2018, 9, 1135-1145.	2.8	12
92	Fe2O3 photoanodes: Photocorrosion protection by thin SnO2 and TiO2 films. Journal of Electroanalytical Chemistry, 2021, 892, 115282.	3.8	12
93	Oxalic acid sensors based on solâ€“gel nanostructured TiO2 films. Journal of Sol-Gel Science and Technology, 2011, 58, 175-181.	2.4	10
94	Quantum yield measurements for the photocatalytic oxidation of Acid Orange 7 (AO7) and reduction of 2,6-dichlorindophenol (DCIP) on transparent TiO2 films of various thickness. Catalysis Today, 2015, 240, 132-137.	4.4	10
95	Corrosion of carbonâ€“epoxy resin (C/E) and carbonâ€“carbon (C/C) composites. Materials Chemistry and Physics, 1998, 57, 156-161.	4.0	9
96	Free convective mass transfer at down-facing horizontal surfaces with free or collared edges. International Communications in Heat and Mass Transfer, 1998, 25, 175-182.	5.6	9
97	Photocatalytic degradation of acetone and methanol in a flow-through photoreactor with immobilized TiO2. Research on Chemical Intermediates, 2015, 41, 9233-9242.	2.7	9
98	Free convective mass transfer at up-pointing pyramidal electrodes. International Journal of Heat and Mass Transfer, 1997, 40, 3717-3727.	4.8	8
99	Free convective mass transfer at circular thin disk electrodes with varying inclination. International Journal of Heat and Mass Transfer, 2005, 48, 2323-2332.	4.8	8
100	Degradation of organic pollutants in aquatic environment photoinduced by Fe(III)Cit complex: Impact of TiO2. Catalysis Today, 2011, 161, 127-132.	4.4	8
101	Enhanced photocatalytic activity of silver-doped nanoparticulate TiO2 thin films with respect to the method of doping. Research on Chemical Intermediates, 2015, 41, 9343-9355.	2.7	8
102	Role of ion bombardment, film thickness and temperature of annealing on PEC activity of very-thin film hematite photoanodes deposited by advanced magnetron sputtering. International Journal of Hydrogen Energy, 2016, 41, 11547-11557.	7.1	8
103	Preparation of Sn-doped semiconducting Fe2O3 (hematite) layers by aerosol pyrolysis. Catalysis Today, 2018, 313, 2-5.	4.4	8
104	Transparent rutile TiO2 films prepared by thermal oxidation of sputtered Ti on FTO glass. Photochemical and Photobiological Sciences, 2019, 18, 891-896.	2.9	8
105	Influence of ion migration on cathodic reduction of hypochlorite anions. Electrochimica Acta, 1995, 40, 169-174.	5.2	7
106	Photocatalytic Degradation of Dibutyl Phthalate: Effect of Catalyst Immobilization. Journal of Solar Energy Engineering, Transactions of the ASME, 2008, 130, .	1.8	7
107	Photocatalytic properties of aqueous systems containing TiO2 nanoparticles. Catalysis Today, 2011, 161, 140-146.	4.4	7
108	Active carbon/TiO2 composites for photocatalytic decomposition of benzoic acid in water and toluene in air. Catalysis Today, 2022, 388-389, 417-423.	4.4	7

#	Article	IF	Citations
109	Protection of hematite photoelectrodes by ALD-TiO2 capping. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 409, 113126.	3.9	7
110	Transparent Nanotubular TiO2 Photoanodes Grown Directly on FTO Substrates. Molecules, 2017, 22, 775.	3.8	6
111	Semiconducting p-Type Copper Iron Oxide Thin Films Deposited by Hybrid Reactive-HiPIMS + ECWR and Reactive-HiPIMS Magnetron Plasma System. Coatings, 2020, 10, 232.	2.6	6
112	Photocatalytic paints for NOx removal: Influence of various weathering conditions. Journal of Environmental Chemical Engineering, 2021, 9, 106172.	6.7	6
113	Scaling up anodic TiO2 nanotube layers â€" Influence of the nanotube layer thickness on the photocatalytic degradation of hexane and benzene. Applied Materials Today, 2022, 29, 101567.	4.3	6
114	Homogeneous (Fe(III)) and heterogeneous (TiO2) photocatalytic systems for pollutant removal from the aquatic compartment: comparison and complementarity. Water Science and Technology, 2004, 49, 165-170.	2.5	5
115	Ultrathin functional films of titanium(IV) oxide. Chemical Papers, 2012, 66, .	2.2	5
116	Photo-electrochemical properties of WO3 particulate layers. Catalysis Today, 2015, 252, 162-167.	4.4	5
117	Free convective mass transfer at down-pointing pyramidal electrodes. International Journal of Heat and Mass Transfer, 1996, 39, 1297-1305.	4.8	4
118	Evaluation of parameters for anodic polarisation curve from the experimentally measured Uâ€"I dependence for an electrochemical photovoltaic regenerative solar cell. Solar Energy Materials and Solar Cells, 1998, 51, 155-169.	6.2	4
119	Free convective mass transfer at down-pointing truncated cones. International Journal of Heat and Fluid Flow, 2002, 23, 96-104.	2.4	4
120	Modelling natural convection at complex surfaces and solid bodies using electrochemical techniques and flow visualisation. Journal of Applied Electrochemistry, 2006, 37, 33-39.	2.9	4
121	Semiconducting WO3 thin films prepared by pulsed reactive magnetron sputtering. Research on Chemical Intermediates, 2015, 41, 9259-9266.	2.7	4
122	Transparent Î±-Fe 2 O 3 /TiO 2 nanotubular photoanodes. Catalysis Today, 2017, 287, 137-141.	4.4	4
123	Immobilization of Exfoliated g-C3N4 for Photocatalytical Removal of Organic Pollutants from Water. Catalysts, 2021, 11, 203.	3.5	4
124	Free Convective Mass Transfer at Down-Pointing Isosceles Triangles of Varying Inclination. Collection of Czechoslovak Chemical Communications, 1998, 63, 2114-2122.	1.0	4
125	Quality improvement framework for major amputation: are we getting it right?. International Journal of Clinical Practice, 2012, 66, 1230-1234.	1.7	3
126	Photoelectrochemical properties of BiVO4 thin film photoanodes prepared by aerosol pyrolysis. Catalysis Today, 2019, 326, 30-35.	4.4	3

#	Article	IF	Citations
127	Tailoring Photocatalytic Activity of TiO₂ Nanosheets by ⁵⁷Fe. Journal of Physical Chemistry C, 2020, 124, 6669-6682.	3.1	3
128	Reconstruction of SnO2 after cathodic polarization of FTO films - A simple way of fabricating orthorhombic SnO2. Materials Chemistry and Physics, 2021, 273, 125038.	4.0	3
129	Photochemical stability of g-C3N4 in the gas phase. Journal of Environmental Chemical Engineering, 2022, , 107647.	6.7	3
130	Structure and Composition of Zircaloy-4 Surface Layers Formed in High Pressure Steam at 400Â°C and 450Â°C. Materials Science Forum, 2000, 321-324, 737-742.	0.3	2
131	Electrochemical mass transfer modeling of a complex two phase heat transfer problem: Case of a prototype slagging gasifier. Russian Journal of Electrochemistry, 2008, 44, 413-423.	0.9	2
132	p-CuO films and photoelectrochemical corrosion. Journal of Electroanalytical Chemistry, 2022, 919, 116555.	3.8	2
133	Inactivation of bacteria by sun light in a solar reactor with Immobilised TiO₂. Toxicological and Environmental Chemistry, 1999, 71, 485-495.	1.2	1
134	Free convective mass transfer at up-pointing pyramids of constant inclined length. International Journal of Heat and Mass Transfer, 1999, 42, 3545-3548.	4.8	1
135	A novel sol-gel route to pinhole-free iron sulfide thin films. , 2011, , .		1
136	A genuine way to mimic the solar-light conditions in UV driven heterogeneous photocatalytic reactions. Reaction Kinetics, Mechanisms and Catalysis, 2011, 104, 273-280.	1.7	1
137	Fe-Ti alloy layer plasma deposition â€“ Monitoring of plasma parameters and properties of deposited alloys, anodization and photoelectrochemical characterization. Catalysis Today, 2018, 313, 239-244.	4.4	1
138	Atomic layer deposited films of Al2O3 on fluorine-doped tin oxide electrodes: stability and barrier properties. Beilstein Journal of Nanotechnology, 2021, 12, 24-34.	2.8	1
139	Free Convective Mass Transfer at Isosceles Triangular Surfaces of Varying Inclination. Collection of Czechoslovak Chemical Communications, 2003, 68, 2080-2092.	1.0	1
140	Introduction by the guest editors. Photochemical and Photobiological Sciences, 2011, 10, 331.	2.9	0
141	Active Sites in Heterogeneous Photocatalysis: Brief Notes on the Identification of Their Analogies with the Standard Heterogeneous Catalysis Concept. Chemical Engineering and Technology, 2021, 44, 2164.	1.5	0
142	Investigation of structure and composition of IrO2â€“Ta2O5surface layers. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C396-C396.	0.3	0