

Antoni Morawski

List of Publications by Year in descending order

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272
papers

9,566
citations

44444

50
h-index

64407

83
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277
all docs

277
docs citations

277
times ranked

10803
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Solar Light-Driven APTES/TiO ₂ Photocatalysts for Methylene Blue Removal from Water. <i>Molecules</i> , 2022, 27, 947.	1.7	11
2	The Effect of the Modification of Carbon Spheres with ZnCl ₂ on the Adsorption Properties towards CO ₂ . <i>Molecules</i> , 2022, 27, 1387.	1.7	9
3	Magnetic Resonance Studies of Hybrid Nanocomposites Containing Nanocrystalline TiO ₂ and Graphene-Related Materials. <i>Materials</i> , 2022, 15, 2244.	1.3	0
4	New Insight on Carbon Dioxide-Mediated Hydrogen Production**. <i>ChemistryOpen</i> , 2022, 11, e202100262.	0.9	2
5	CO ₂ Reduction to Valuable Chemicals on TiO ₂ -Carbon Photocatalysts Deposited on Silica Cloth. <i>Catalysts</i> , 2022, 12, 31.	1.6	8
6	The Benefits of Using Saccharose for Photocatalytic Water Disinfection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4719.	1.8	2
7	Effect of calcination on the photocatalytic activity and stability of TiO ₂ photocatalysts modified with APTES. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104794.	3.3	23
8	Effect of APTES modified TiO ₂ on antioxidant enzymes activity secreted by <i>Escherichia coli</i> and <i>Staphylococcus epidermidis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 1064-1068.	1.0	7
9	The Role of Adsorption in the Photocatalytic Decomposition of Dyes on APTES-Modified TiO ₂ Nanomaterials. <i>Catalysts</i> , 2021, 11, 172.	1.6	10
10	Hydrogen photoproduction on TiO ₂ -reduced graphene oxide hybrid materials from water-ethanol mixture. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113406.	2.0	8
11	Magnetic moment centers in titanium dioxide photocatalysts loaded on reduced graphene oxide flakes. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 57-63.	1.4	6
12	DC magnetization of titania supported on reduced graphene oxide flakes. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 794-800.	1.4	1
13	ZnO/Carbon Spheres with Excellent Regenerability for Post-Combustion CO ₂ Capture. <i>Materials</i> , 2021, 14, 6478.	1.3	11
14	Influence of rGO and Preparation Method on the Physicochemical and Photocatalytic Properties of TiO ₂ /Reduced Graphene Oxide Photocatalysts. <i>Catalysts</i> , 2021, 11, 1333.	1.6	8
15	Changes in Porous Parameters of the Ion Exchanged X Zeolite and Their Effect on CO ₂ Adsorption. <i>Molecules</i> , 2021, 26, 7520.	1.7	3
16	Methylene blue decomposition on TiO ₂ /reduced graphene oxide hybrid photocatalysts obtained by a two-step hydrothermal and calcination synthesis. <i>Catalysis Today</i> , 2020, 357, 630-637.	2.2	52
17	Antibacterial effect of TiO ₂ nanoparticles modified with APTES. <i>Catalysis Communications</i> , 2020, 134, 105862.	1.6	37
18	Nitrogen-coordinated metallic cobalt disulfide self-encapsulated in graphitic carbon for electrochemical water oxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118449.	10.8	44

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19	Hybrid System Coupling Moving Bed Bioreactor with UV/O ₃ Oxidation and Membrane Separation Units for Treatment of Industrial Laundry Wastewater. <i>Materials</i> , 2020, 13, 2648.	1.3	7
20	Photocatalytic oxidation of nitric oxide over AgNPs/TiO ₂ -loaded carbon fiber cloths. <i>Journal of Environmental Management</i> , 2020, 262, 110343.	3.8	17
21	Nanocomposite Titania@Carbon Spheres as CO ₂ and CH ₄ Sorbents. <i>ACS Omega</i> , 2020, 5, 1966-1973.	1.6	7
22	Influence of modification of titanium dioxide by silane coupling agents on the photocatalytic activity and stability. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103917.	3.3	36
23	Magnetic properties of TiO ₂ /graphitic carbon nanocomposites. <i>Reviews on Advanced Materials Science</i> , 2019, 58, 107-122.	1.4	18
24	Bacterial Inactivation on Concrete Plates Loaded with Modified TiO ₂ Photocatalysts under Visible Light Irradiation. <i>Molecules</i> , 2019, 24, 3026.	1.7	22
25	Improved Self-Cleaning Properties of Photocatalytic Gypsum Plaster Enriched with Glass Fiber. <i>Materials</i> , 2019, 12, 357.	1.3	7
26	TiO ₂ /graphene-based nanocomposites for water treatment: A brief overview of charge carrier transfer, antimicrobial and photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 179-186.	10.8	152
27	Photocatalytic water disinfection under the artificial solar light by fructose-modified TiO ₂ . <i>Chemical Engineering Journal</i> , 2019, 372, 203-215.	6.6	34
28	Influence of Ag/titanate nanotubes on physicochemical, antifouling and antimicrobial properties of mixed matrix polyethersulfone ultrafiltration membranes. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2497-2511.	1.6	14
29	Novel Photocatalytic Nanocomposite Made of Polymeric Carbon Nitride and Metal Oxide Nanoparticles. <i>Molecules</i> , 2019, 24, 874.	1.7	9
30	Photocatalytic Activity and Mechanical Properties of Cements Modified with TiO ₂ /N. <i>Materials</i> , 2019, 12, 3756.	1.3	24
31	Attaching titania clusters of various size to reduced graphene oxide and its impact on the conceivable photocatalytic behavior of the junctions: a DFT/DFT+U and TD DFTB modeling. <i>Journal of Physical: Condensed Matter</i> , 2019, 31, 404001.		11
32	Hybrid carbon-TiO ₂ spheres: Investigation of structure, morphology and spectroscopic studies. <i>Applied Surface Science</i> , 2019, 469, 684-690.	3.1	8
33	Influence of TiO ₂ structure on its photocatalytic activity towards acetaldehyde decomposition. <i>Applied Surface Science</i> , 2019, 470, 376-385.	3.1	23
34	Preparation and characterisation of carbon spheres for carbon dioxide capture. <i>Journal of Porous Materials</i> , 2019, 26, 19-27.	1.3	19
35	On the characteristic and stability of iron diet supplements. <i>Polish Journal of Chemical Technology</i> , 2019, 21, 60-67.	0.3	2
36	The application of moving bed bio-reactor (MBBR) in commercial laundry wastewater treatment. <i>Science of the Total Environment</i> , 2018, 627, 1638-1643.	3.9	48

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37	Surface characteristics of KOH-treated commercial carbons applied for CO ₂ adsorption. Adsorption Science and Technology, 2018, 36, 478-492.	1.5	37
38	Antibacterial properties of TiO ₂ modified with reduced graphene oxide. Ecotoxicology and Environmental Safety, 2018, 147, 788-793.	2.9	89
39	Synthesis and characterization of TiO ₂ /graphitic carbon nanocomposites with enhanced photocatalytic performance. Applied Surface Science, 2018, 437, 441-450.	3.1	22
40	Effectiveness of treatment of secondary effluent from a municipal wastewater treatment plant in a photocatalytic membrane reactor and hybrid UV/H ₂ O ₂ + ultrafiltration system. Chemical Engineering and Processing: Process Intensification, 2018, 125, 318-324.	1.8	47
41	Application of modified concrete to remove surfactants from water. E3S Web of Conferences, 2018, 59, 00016.	0.2	1
42	Photocatalytic decomposition of surfactants on nitrogen modified TiO ₂ . E3S Web of Conferences, 2018, 59, 00017.	0.2	1
43	The mechanical and photocatalytic properties of modified gypsum materials. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 236-237, 1-9.	1.7	16
44	Photocatalytic Water Disinfection under Solar Irradiation by d-Glucose-Modified Titania. Catalysts, 2018, 8, 316.	1.6	24
45	Adsorption and Photocatalytic Degradation of Anionic and Cationic Surfactants on Nitrogen-Modified TiO ₂ . Journal of Surfactants and Detergents, 2018, 21, 909-921.	1.0	17
46	Assessment of the Suitability of the One-Step Hydrothermal Method for Preparation of Non-Covalently/Covalently-Bonded TiO ₂ /Graphene-Based Hybrids. Nanomaterials, 2018, 8, 647.	1.9	12
47	Influence of irradiation on stability and effectiveness of TiO ₂ /N,C photocatalysts. Micro and Nano Letters, 2018, 13, 739-742.	0.6	2
48	Influence of an Electronic Structure of N-TiO ₂ on Its Photocatalytic Activity towards Decomposition of Acetaldehyde under UV and Fluorescent Lamps Irradiation. Catalysts, 2018, 8, 85.	1.6	37
49	Stability of selenium diet supplement. Polish Journal of Chemical Technology, 2018, 20, 84-87.	0.3	0
50	Photocatalytic degradation of acetic acid in the presence of visible light-active TiO ₂ -reduced graphene oxide photocatalysts. Catalysis Today, 2017, 280, 108-113.	2.2	44
51	Highly microporous activated carbons from biomass for CO ₂ capture and effective micropores at different conditions. Journal of CO ₂ Utilization, 2017, 18, 73-79.	3.3	265
52	Graphene oxide-TiO ₂ and reduced graphene oxide-TiO ₂ nanocomposites: Insight in charge-carrier lifetime measurements. Catalysis Today, 2017, 287, 189-195.	2.2	39
53	Titanium dioxide modified with various amines used as sorbents of carbon dioxide. New Journal of Chemistry, 2017, 41, 1549-1557.	1.4	37
54	Adsorption of carbon dioxide on TEPA-modified TiO ₂ /titanate composite nanorods. New Journal of Chemistry, 2017, 41, 7870-7885.	1.4	16

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55	The influence of feed composition on fouling and stability of a polyethersulfone ultrafiltration membrane in a photocatalytic membrane reactor. <i>Chemical Engineering Journal</i> , 2017, 310, 360-367.	6.6	42
56	Impact on CO ₂ Uptake of MWCNT after Acid Treatment Study. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-11.	1.5	13
57	The use of moving bed bio-reactor to laundry wastewater treatment. <i>E3S Web of Conferences</i> , 2017, 22, 00015.	0.2	4
58	Modification of Titanium Dioxide with Graphitic Carbon from Anthracene Thermal Decomposition as a Promising Method for Visible- Active Photocatalysts Preparation. <i>Journal of Advanced Oxidation Technologies</i> , 2016, 19, .	0.5	4
59	Influence of titanium dioxide modification on the antibacterial properties. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 56-64.	0.3	4
60	The role of adsorption in the photocatalytic decomposition of Orange II on carbon-modified TiO ₂ . <i>Journal of Molecular Liquids</i> , 2016, 220, 504-512.	2.3	31
61	TiO ₂ /titanate composite nanorod obtained from various alkali solutions as CO ₂ sorbents from exhaust gases. <i>Microporous and Mesoporous Materials</i> , 2016, 231, 117-127.	2.2	17
62	Temperature study of magnetic resonance spectra of co-modified (Co,N)-TiO ₂ nanocomposites. <i>Materials Science-Poland</i> , 2016, 34, 242-250.	0.4	3
63	TiO ₂ /glucose nanomaterials with enhanced antibacterial properties. <i>Materials Letters</i> , 2016, 185, 264-267.	1.3	10
64	Clay bricks modified by implementing of Nâ€and/or Câ€TiO ₂ : insight into selfâ€cleaning properties toward fatty contaminant. <i>Micro and Nano Letters</i> , 2016, 11, 896-899.	0.6	3
65	A system coupling hybrid biological method with UV/O ₃ oxidation and membrane separation for treatment and reuse of industrial laundry wastewater. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19145-19155.	2.7	43
66	Preparation and characterisation of TiO ₂ thermally modified with cyclohexane vapours. <i>International Journal of Materials and Product Technology</i> , 2016, 52, 286.	0.1	18
67	Photocatalytic performance of thermally prepared TiO ₂ /C photocatalysts under artificial solar light. <i>Micro and Nano Letters</i> , 2016, 11, 202-206.	0.6	11
68	Study of nitric oxide degradation properties of photoactive concrete containing nitrogen and/or carbon coâ€modified titanium dioxide â€ preliminary findings. <i>Micro and Nano Letters</i> , 2016, 11, 231-235.	0.6	5
69	Humic acids removal in a photocatalytic membrane reactor with a ceramic UF membrane. <i>Chemical Engineering Journal</i> , 2016, 305, 19-27.	6.6	71
70	Preparation of Activated Carbon from Beet Molasses and TiO ₂ as the Adsorption of CO ₂ . <i>Acta Physica Polonica A</i> , 2016, 129, 158-161.	0.2	16
71	Activated Carbons from Molasses as CO ₂ Sorbents. <i>Acta Physica Polonica A</i> , 2016, 129, 402-404.	0.2	29
72	Magnetic resonance study of co-modified (Co,N)-TiO ₂ nanocomposites. <i>Nukleonika</i> , 2015, 60, 411-416.	0.3	6

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73	The Photocatalytic Performance of Benzene- Modified TiO ₂ Photocatalysts under UV-vis Light Irradiation. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	1
74	NO _x photocatalytic degradation on gypsum plates modified by TiO ₂ -N,C photocatalysts. Polish Journal of Chemical Technology, 2015, 17, 8-12.	0.3	8
75	Cementitious Plates Containing TiO ₂ -N,C Photocatalysts for NO _x Degradation. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	3
76	Review Selenium as a marker of cancer risk and of selection for control examinations in surveillance. Wspolczesna Onkologia, 2015, 1A, 60-61.	0.7	4
77	Comparison of Optimized Isotherm Models and Error Functions for Carbon Dioxide Adsorption on Activated Carbon. Journal of Chemical & Engineering Data, 2015, 60, 3148-3158.	1.0	99
78	Self-cleaning properties of cement plates loaded with N,C-modified TiO ₂ photocatalysts. Applied Surface Science, 2015, 330, 200-206.	3.1	69
79	Magnetic properties of co-modified Fe,N-TiO ₂ nanocomposites. Open Physics, 2015, 13, .	0.8	1
80	Effect of process parameters on fouling and stability of MF/UF TiO ₂ membranes in a photocatalytic membrane reactor. Separation and Purification Technology, 2015, 142, 137-148.	3.9	45
81	Preparation and Characterization of Rutile-Type TiO ₂ Doped with Cu. Journal of Materials Engineering and Performance, 2015, 24, 1243-1252.	1.2	19
82	The effect of anatase and rutile crystallites isolated from titania P25 photocatalyst on growth of selected mould fungi. Journal of Photochemistry and Photobiology B: Biology, 2015, 151, 54-62.	1.7	39
83	A study on the stability of polyethersulfone ultrafiltration membranes in a photocatalytic membrane reactor. Journal of Membrane Science, 2015, 495, 176-186.	4.1	43
84	Preliminary studies of photocatalytic activity of gypsum plasters containing TiO ₂ co-modified with nitrogen and carbon. Polish Journal of Chemical Technology, 2015, 17, 96-102.	0.3	14
85	Alkali-treated titanium dioxide as adsorbent for CO ₂ capture from air. Microporous and Mesoporous Materials, 2015, 202, 241-249.	2.2	25
86	Nitrogen-doped, metal-modified rutile titanium dioxide as photocatalysts for water remediation. Applied Catalysis B: Environmental, 2015, 162, 310-318.	10.8	57
87	CHAPTER 22. Selenium and Cancer. Food and Nutritional Components in Focus, 2015, , 377-390.	0.1	1
88	Formation of Combustible Hydrocarbons and H ₂ during Photocatalytic Decomposition of Various Organic Compounds under Aerated and Deaerated Conditions. Molecules, 2014, 19, 19633-19647.	1.7	13
89	TiO ₂ Supported on Quartz Wool for Photocatalytic Oxidation of Hydrogen Sulphide. Adsorption Science and Technology, 2014, 32, 765-773.	1.5	10
90	Nitrogen-Modified Titanium Dioxide as an Adsorbent for Gaseous SO ₂ . Adsorption Science and Technology, 2014, 32, 403-412.	1.5	2

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91	Magnetic resonance study of co-modified (Fe,N)-TiO ₂ . Journal of Alloys and Compounds, 2014, 606, 32-36.	2.8	11
92	Performance of two photocatalytic membrane reactors for treatment of primary and secondary effluents. Catalysis Today, 2014, 236, 135-145.	2.2	48
93	Removal of non-steroidal anti-inflammatory drugs from primary and secondary effluents in a photocatalytic membrane reactor. Journal of Chemical Technology and Biotechnology, 2014, 89, 1265-1273.	1.6	42
94	Microscopic studies on TiO ₂ fouling of MF/UF polyethersulfone membranes in a photocatalytic membrane reactor. Journal of Membrane Science, 2014, 470, 356-368.	4.1	41
95	Induced self-cleaning properties towards Reactive Red 198 of the cement materials loaded with co-modified TiO ₂ /N,C photocatalysts. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 615-628.	0.8	7
96	Reduction of CO ₂ by adsorption and reaction on surface of TiO ₂ -nitrogen modified photocatalyst. Journal of CO ₂ Utilization, 2014, 5, 47-52.	3.3	73
97	Photocatalytic decomposition of benzo-[a]-pyrene on the surface of acrylic, latex and mineral paints. Influence of paint composition. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 286, 10-15.	2.0	27
98	EFFECT OF WATER ACTIVITY AND TEMPERATURE ON GROWTH AND LIPOLYTIC ACTIVITY OF PENICILLIUM CHRYSOGENUM STRAINS IN LIQUID CULTURE MEDIA WITH PLANT OILS. Zywosc Nauka Technologia Jakosc/Food Science Technology Quality, 2014, 21, .	0.1	0
99	Magnetic resonance study of annealed and rinsed N-doped TiO ₂ nanoparticles. Open Chemistry, 2013, 11, 1996-2004.	1.0	3
100	Cellulose-TiO ₂ nanocomposite with enhanced UV-Vis light absorption. Cellulose, 2013, 20, 1293-1300.	2.4	58
101	Porous carbon material containing CaO for acidic gas capture: Preparation and properties. Journal of Hazardous Materials, 2013, 263, 353-360.	6.5	22
102	Cu-modified TiO ₂ photocatalysts for decomposition of acetic acid with simultaneous formation of C ₁ -C ₃ hydrocarbons and hydrogen. Applied Catalysis B: Environmental, 2013, 140-141, 108-114.	10.8	65
103	Preparation of photoactive nitrogen-doped rutile. Applied Surface Science, 2013, 266, 410-419.	3.1	25
104	Investigation of OH radicals formation on the surface of TiO ₂ /N photocatalyst at the presence of terephthalic acid solution. Estimation of optimal conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 261, 7-11.	2.0	49
105	MgO/CaO-Loaded Activated Carbon for Carbon Dioxide Capture: Practical Aspects of Use. Industrial & Engineering Chemistry Research, 2013, 52, 6669-6677.	1.8	26
106	Evaluation of Performance of Hybrid Photolysis-DCMD and Photocatalysis-DCMD Systems Utilizing UV-C Radiation for Removal of Diclofenac Sodium Salt From Water. Polish Journal of Chemical Technology, 2013, 15, 51-60.	0.3	21
107	A Low Selenium Level Is Associated with Lung and Laryngeal Cancers. PLoS ONE, 2013, 8, e59051.	1.1	46
108	Photoluminescence and Photocatalytic Properties of Nanocrystalline TiO ₂ :Tb Thin Films. Journal of Nano Research, 2012, 18-19, 187-193.	0.8	3

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109	Adsorption of humic acid on mesoporous carbons prepared from poly- (ethylene terephthalate) templated with magnesium compounds. Polish Journal of Chemical Technology, 2012, 14, 95-99.	0.3	7
110	Photocatalytic properties of transparent TiO ₂ coatings doped with neodymium. Polish Journal of Chemical Technology, 2012, 14, 1-7.	0.3	9
111	Carbon Materials in Photocatalysis. Chemistry and Physics of Carbon: A Series of Advances, 2012, , 171-268.	0.3	3
112	The performance of a hybrid photocatalysisâ€”MD system for the treatment of tap water contaminated with ibuprofen. Catalysis Today, 2012, 193, 213-220.	2.2	45
113	Immobilized TiO ₂ for Phenol Degradation in a Pilot-Scale Photocatalytic Reactor. Journal of Nanomaterials, 2012, 2012, 1-10.	1.5	27
114	Carbon-modified TiO ₂ for photocatalysis. Nanoscale Research Letters, 2012, 7, 235.	3.1	21
115	MgO-loaded porous carbon for carbon dioxide sorption: Study on cyclic sorptionâ€”regeneration. International Journal of Greenhouse Gas Control, 2012, 10, 164-168.	2.3	8
116	EPR, spectroscopic and photocatalytic properties of N-modified TiO ₂ prepared by different annealing and water-rinsing processes. Materials Chemistry and Physics, 2012, 136, 889-896.	2.0	15
117	The role of adsorption in decomposition of dyes on TiO ₂ and N-modified TiO ₂ photocatalysts under UV and visible light irradiations. Materials Research Bulletin, 2012, 47, 3697-3703.	2.7	27
118	The Influence of Solution Composition on the Effectiveness of Degradation of Ibuprofen Sodium Salt in a Hybrid Photocatalysis â€” Membrane Distillation System. Journal of Advanced Oxidation Technologies, 2012, 15, .	0.5	2
119	Antifungal Effect of Titanium Dioxide, Indoor Light and the Photocatalytic Process in In Vitro Test on Different Media. Journal of Advanced Oxidation Technologies, 2012, 15, .	0.5	4
120	Influence of water temperature on the photocatalytic activity of titanium dioxide. Reaction Kinetics, Mechanisms and Catalysis, 2012, 106, 289-295.	0.8	10
121	A new method for preparation of rutile phase titania photoactive under visible light. Catalysis Communications, 2012, 24, 5-10.	1.6	25
122	High power impulse magnetron sputtering (HIPIMS) and traditional pulsed sputtering (DCMSP) Ag-surfaces leading to E. coli inactivation. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 227, 11-17.	2.0	27
123	A novel suspended/supported photoreactor design for photocatalytic decomposition of acetic acid with simultaneous production of useful hydrocarbons. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 236, 48-53.	2.0	16
124	Influence of annealing and rinsing on magnetic and photocatalytic properties of TiO ₂ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 223-227.	1.7	13
125	Advantages of highly ionized pulse plasma magnetron sputtering (HIPIMS) of silver for improved E. coli inactivation. Thin Solid Films, 2012, 520, 3567-3573.	0.8	27
126	Decomposition of 3-chlorophenol on nitrogen modified TiO ₂ photocatalysts. Journal of Hazardous Materials, 2012, 203-204, 128-136.	6.5	24

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127	Effect of some thermally unstable magnesium compounds on the yield of char formed from poly(ethylene terephthalate). <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 1147-1154.	2.0	16
128	Disinfection of <i>E. coli</i> by carbon modified TiO ₂ photocatalysts. <i>Environmental Protection Engineering</i> , 2012, 38, .	0.1	7
129	Photocatalytic mineralisation of humic acids using TiO ₂ modified by tungsten dioxide/hydrogen peroxide. <i>Polish Journal of Chemical Technology</i> , 2012, 14, 54-61.	0.3	4
130	<i>E. coli</i> Inactivation by High-Power Impulse Magnetron Sputtered (HIPIMS) Cu Surfaces. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21113-21119.	1.5	33
131	New photocatalyst for decomposition of humic acids in photocatalysis and photo-Fenton processes. <i>Polish Journal of Chemical Technology</i> , 2011, 13, 8-14.	0.3	8
132	Degradation of Ibuprofen Sodium Salt in a Hybrid Photolysis – Membrane Distillation System Utilizing Germicidal UVC Lamp. <i>Journal of Advanced Oxidation Technologies</i> , 2011, 14, .	0.5	2
133	Methylene Blue decomposition under visible light irradiation in the presence of carbon-modified TiO ₂ photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 226, 68-72.	2.0	34
134	Photocatalytic properties of nanocrystalline TiO ₂ thin films doped with Tb. <i>Open Physics</i> , 2011, 9, 354-359.	0.8	3
135	Determination of the photocatalytic activity of TiO ₂ with high adsorption capacity. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 103, 279-288.	0.8	26
136	Photocatalytic acetic acid decomposition leading to the production of hydrocarbons and hydrogen on Fe-modified TiO ₂ . <i>Catalysis Today</i> , 2011, 161, 189-195.	2.2	28
137	The application of titanium dioxide for deactivation of bioparticulates: An overview. <i>Catalysis Today</i> , 2011, 169, 249-257.	2.2	240
138	The influence of physico-chemical properties of TiO ₂ on photocatalytic generation of C ₁ –C ₃ hydrocarbons and hydrogen from aqueous solution of acetic acid. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 21-29.	10.8	32
139	Recovery of process water from spent emulsions generated in copper cable factory. <i>Journal of Hazardous Materials</i> , 2011, 186, 1667-1671.	6.5	15
140	Carbon-modified TiO ₂ as Photocatalysts. <i>Journal of Advanced Oxidation Technologies</i> , 2010, 13, .	0.5	1
141	Removal of hazardous pharmaceutical from water by photocatalytic treatment. <i>Open Chemistry</i> , 2010, 8, 1288-1297.	1.0	16
142	Studies on nitrogen modified TiO ₂ photocatalyst prepared in different conditions. <i>Materials Research Bulletin</i> , 2010, 45, 1085-1091.	2.7	24
143	Physico-chemical properties and possible photocatalytic applications of titanate nanotubes synthesized via hydrothermal method. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 263-272.	1.9	89
144	Preparation of Fe-modified photocatalysts and their application for generation of useful hydrocarbons during photocatalytic decomposition of acetic acid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 275-282.	2.0	25

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145	Integration of photocatalysis with membrane processes for purification of water contaminated with organic dyes. <i>Catalysis Today</i> , 2010, 156, 295-300.	2.2	44
146	A review of the control of pore structure in MgO-templated nanoporous carbons. <i>Carbon</i> , 2010, 48, 2690-2707.	5.4	251
147	Integration of photocatalysis and membrane distillation for removal of mono- and poly-azo dyes from water. <i>Desalination</i> , 2010, 250, 666-672.	4.0	49
148	A preliminary study on antifungal effect of TiO ₂ -based paints in natural indoor light. <i>Polish Journal of Chemical Technology</i> , 2010, 12, 53-57.	0.3	17
149	Photocatalytic and Self-Cleaning Properties of Ag-Doped TiO ₂ –!2009-10-16–!2009-10-30–!2010-01-27–!. <i>Open Materials Science Journal</i> , 2010, 4, 5-8.	0.2	30
150	Water purification using a novel reactor with the photoactive refill. <i>Polish Journal of Chemical Technology</i> , 2009, 11, 61-63.	0.3	1
151	TiO ₂ modified by ammonia as a long lifetime photocatalyst for dyes decomposition. <i>Polish Journal of Chemical Technology</i> , 2009, 11, 1-6.	0.3	6
152	Photocatalytic Activity of TiO_2/WO_3 . <i>International Journal of Photoenergy</i> , 2009, 2009, 1-7.	1.4	35
153	Effect of process parameters on photodegradation of Acid Yellow 36 in a hybrid photocatalysis–membrane distillation system. <i>Chemical Engineering Journal</i> , 2009, 150, 152-159.	6.6	70
154	Water Purification Using a Novel Reactor with Photoactive Refill. <i>Catalysis Letters</i> , 2009, 127, 222-225.	1.4	5
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