JosÃ© Antonio NavÃ-o

List of Publications by Year
in descending order

159 papers	7,497 citations	41344 49 h-index	58581 82 g-index
160 all docs	160 docs citations	160 times ranked	7718 citing authors

#	Article	IF	Citations
1	Cu-doped TiO2 systems with improved photocatalytic activity. Applied Catalysis B: Environmental, 2006, 67, 41-51.	20.2	491
2	Photocatalytic properties of iron-doped titania semiconductors. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 98, 171-181.	3.9	405
3	Structural and surface approach to the enhanced photocatalytic activity of sulfated TiO2 photocatalyst. Applied Catalysis B: Environmental, 2006, 63, 45-59.	20.2	228
4	Preparation and Physicochemical Properties of ZrO2and Fe/ZrO2Prepared by a Solâˆ'Gel Technique. Langmuir, 2001, 17, 202-210.	3.5	210
5	Comparative study of the photodeposition of Pt, Au and Pd on pre-sulphated TiO2 for the photocatalytic decomposition of phenol. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 275-283.	3.9	164
6	Iron-doped titania powders prepared by a solâ€“gel method.. Applied Catalysis A: General, 1999, 178, 191-203.	4.3	156
7	Iron-doped titania semiconductor powders prepared by a solâ€“gel method. Part I: synthesis and characterization. Applied Catalysis A: General, 1999, 177, 111-120.	4.3	153
8	TiO2 activation by using activated carbon as a support Part I. Surface characterisation and decantability study. Applied Catalysis B: Environmental, 2003, 44, 161-172.	20.2	151
9	Photocatalytic deactivation of commercial TiO2 samples during simultaneous photoreduction of Cr(VI) and photooxidation of salicylic acid. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 138, 79-85.	3.9	146
10	Heterogeneous photocatalytic reactions of nitrite oxidation and Cr(VI) reduction on iron-doped titania prepared by the wet impregnation method. Applied Catalysis B: Environmental, 1998, 16, 187-196.	20.2	143
11	Synthesis, characterization and photocatalytic properties of iron-doped titania semiconductors prepared from TiO2 and iron(III) acetylacetonate. Journal of Molecular Catalysis A, 1996, 106, 267-276.	4.8	142
12	Photocatalytic properties of ZrO2 and Fe/ZrO2 semiconductors prepared by a solâ€“gel technique. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 129, 89-99.	3.9	142
13	Effect of TiO2 acidic pre-treatment on the photocatalytic properties for phenol degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 179, 20-27.	3.9	133
14	Photocatalytic removal of patent blue V dye on Au-TiO 2 and Pt-TiO 2 catalysts. Applied Catalysis B: Environmental, 2016, 188, 134-146.	20.2	130
15	Sunlight highly photoactive Bi2WO6â€“TiO2 heterostructures for rhodamine B degradation. Chemical Communications, 2010, 46, 4809.	4.1	129
16	TiO2 activation by using activated carbon as a support Part II. Photoreactivity and FTIR study. Applied Catalysis B: Environmental, 2003, 44, 153-160.	20.2	122
17	Photocatalytic behaviour of sulphated TiO2 for phenol degradation. Applied Catalysis B: Environmental, 2003, 45, 39-50.	20.2	118
18	Hydrothermal preparation of highly photoactive TiO2 nanoparticles. Catalysis Today, 2007, 129, 50-58.	4.4	114

#	Article	IF	Citations
19	Gas-phase ethanol photocatalytic degradation study with TiO2 doped with Fe, Pd and Cu. Journal of Molecular Catalysis A, 2004, 215, 153-160.	4.8	112
20	Influence of the strong metal support interaction effect (SMSI) of Pt/TiO2 and Pd/TiO2 systems in the photocatalytic biohydrogen production from glucose solution. Catalysis Communications, 2011, 16, 1-6.	3.3	108
21	Efficient and affordable hydrogen production byÂwater photo-splitting using TiO2-based photocatalysts. International Journal of Hydrogen Energy, 2013, 38, 2144-2155.	7.1	101
22	Comparison of the photocatalytic efficiency of TiO2, iron oxides and mixed Ti(IV)î—¸Fe(III) oxides: photodegradation of oligocarboxylic acids. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 84, 183-193.	3.9	99
23	A novel preparation of high surface area TiO2 nanoparticles from alkoxide precursor and using active carbon as additive. Catalysis Today, 2002, 76, 91-101.	4.4	96
24	Bulk and surface characterization of powder iron-doped titania photocatalysts. Journal of Materials Science, 1992, 27, 3036-3042.	3.7	94
25	Novel Bi2WO6â€“TiO2 heterostructures for Rhodamine B degradation under sunlike irradiation. Journal of Hazardous Materials, 2011, 185, 1425-1434.	12.4	87
26	Photodeposition of gold on titanium dioxide for photocatalytic phenol oxidation. Applied Catalysis A: General, 2011, 397, 112-120.	4.3	86
27	Photocatalytic degradation of phenolic compounds with new TiO2 catalysts. Applied Catalysis B: Environmental, 2010, 100, 346-354.	20.2	85
28	Photocatalytic properties of surface modified platinised TiO2: Effects of particle size and structural composition. Catalysis Today, 2007, 129, 43-49.	4.4	82
29	Effect of Sulfate Pretreatment on Gold-Modified TiO₂ for Photocatalytic Applications. Journal of Physical Chemistry C, 2009, 113, 12840-12847.	3.1	81
30	UV and visible-light driven photocatalytic removal of caffeine using ZnO modified with different noble metals (Pt, Ag and Au). Materials Research Bulletin, 2019, 112, 251-260.	5.2	81
31	Influence of Carboxylic Acid on the Photocatalytic Reduction of Cr(VI) Using Commercial TiO2. Langmuir, 2001, 17, 7174-7177.	3.5	76
32	Role of Fe3+/Fe2+ as TiO2 dopant ions in photocatalytic degradation of carboxylic acids. Journal of Molecular Catalysis A, 2003, 197, 157-171.	4.8	75
33	Effect of Phosphate Precursor and Organic Additives on the Structural and Catalytic Properties of Amorphous Mesoporous AlPO4Materials. Chemistry of Materials, 2003, 15, 3352-3364.	6.7	72
34	Highly photoactive ZnO by amine capping-assisted hydrothermal treatment. Applied Catalysis B: Environmental, 2008, 83, 30-38.	20.2	70
35	Photoconductive and photocatalytic properties of ZrTiO4. Comparison with the parent oxides TiO2 and ZrO2. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 108, 179-185.	3.9	69
36	Effect of deposition of silver on structural characteristics and photoactivity of TiO2-based photocatalysts. Applied Catalysis B: Environmental, 2012, 127, 112-120.	20.2	66

#	Article	IF	Citations
37	Hydrogen production using Pt-loaded TiO2 photocatalysts. International Journal of Hydrogen Energy, 2013, 38, 11737-11748.	7.1	66
38	Cyclohexane photocatalytic oxidation on Pt/TiO2 catalysts. Catalysis Today, 2013, 209, 164-169.	4.4	66
39	Formation of zirconium titanate powder from a sol-gel prepared reactive precursor. Journal of Materials Science, 1992, 27, 2463-2467.	3.7	65
40	FTIR study of photocatalytic degradation of 2-propanol in gas phase with different TiO2 catalysts. Applied Catalysis B: Environmental, 2009, 89, 204-213.	20.2	63
41	Ethanol partial photoxidation on Pt/TiO2 catalysts as green route for acetaldehyde synthesis. Catalysis Today, 2012, 196, 101-109.	4.4	60
42	Modification of the photocatalytic activity of Pd/TiO2 and Zn/TiO2 systems through different oxidative and reductive calcination treatments. Applied Catalysis B: Environmental, 2008, 80, 88-97.	20.2	59
43	Effect of the redox treatment of Pt/TiO2 system on its photocatalytic behaviour in the gas phase selective photooxidation of propan-2-ol. Catalysis Today, 2007, 128, 235-244.	4.4	58
44	Insights towards the influence of Pt features on the photocatalytic activity improvement of TiO2 by platinisation. Applied Catalysis B: Environmental, 2012, 126, 76-85.	20.2	58
45	CeO2â€“La2O3 catalytic system. Part I. Preparation and characterisation of catalysts. Physical Chemistry Chemical Physics, 2000, 2, 4453-4459.	2.8	54
46	Effect of ZrO2 incorporation and calcination temperature on the photocatalytic activity of commercial TiO2 for salicylic acid and Cr(VI) photodegradation. Applied Catalysis A: General, 2002, 231, 185-199.	4.3	54
47	Photo-induced Transformation, upon UV Illumination in Air, of Hyponitrite SpeciesN2O22- Preadsorbed onTiO2 Surface. Surface and Interface Analysis, 1996, 24, 355-359.	1.8	52
48	Influence of sulfur on the structural, surface properties and photocatalytic activity of sulfated TiO2. Applied Catalysis B: Environmental, 2009, 90, 633-641.	20.2	52
49	In situ FT-IR study of the adsorption and photocatalytic oxidation of ethanol over sulfated and metallized TiO2. Applied Catalysis B: Environmental, 2013, 142-143, 205-213.	20.2	52
50	Fluoride and Sulfate Treatment of AlPO4-Al2O3 Catalysts .I. Structure, Texture, Surface Acidity and Catalytic Performance in Cyclohexene Conversion and Cumene Cracking. Journal of Catalysis, 1994, 145, 107-125.	6.2	51
51	Correlation study between photo-degradation and surface adsorption properties of phenol and methyl orange on TiO2 Vs platinum-supported TiO2. Applied Catalysis B: Environmental, 2014, 150-151, 107-115.	20.2	51
52	Structural and Textural Characterization of AlPO4â€“B2O3and Al2O3â€“B2O3(5â€“30 wt% B2O3) Systems Obtained by Boric Acid Impregnation. Journal of Catalysis, 1998, 173, 333-344.	6.2	50
53	Preparation, characterisation and activity of CeO2-ZrO2 catalysts for alcohol dehydration. Journal of Molecular Catalysis A, 2003, 204-205, 629-635.	4.8	49
54	Synthesis and textural-structural characterization of magnesia, magnesiaâ€“titania and magnesiaâ€“zirconia catalysts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 234, 17-25.	4.7	47

#	Article	IF	Citations
55	Influence of residual carbon on the photocatalytic activity of TiO2/C samples for phenol oxidation. Applied Catalysis B: Environmental, 2003, 43, 163-173.	20.2	46
56	Modification of the physicochemical properties of commercial TiO2 samples by soft mechanical activation. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 148, 341-348.	3.9	43
57	Photocatalytic activity of single and mixed nanosheet-like Bi2WO6 and TiO2 for Rhodamine B degradation under sunlike and visible illumination. Applied Catalysis A: General, 2012, 423-424, 34-41.	4.3	43
58	Enhancement of stability and photoactivity of TiO2 coatings on annular glass reactors to remove emerging pollutants from waters. Chemical Engineering Journal, 2015, 279, 488-497.	12.7	43
59	A laser flash photolysis study of the reduction of methyl viologen by conduction band electrons of TiO2 and Feî—¸Ti oxide photocatalysts. Journal of Photochemistry and Photobiology A: Chemistry, 1991, 55, 319-322.	3.9	42
60	Effects of H2O2and SO42-Species on the Crystalline Structure and Surface Properties of ZrO2Processed by Alkaline Precipitation. Chemistry of Materials, 1997, 9, 1256-1261.	6.7	41
61	ZnO activation by using activated carbon as a support: Characterisation and photoreactivity. Applied Catalysis A: General, 2009, 364, 174-181.	4.3	41
62	Photocatalytic reduction of CO2 over platinised Bi2WO6-based materials. Photochemical and Photobiological Sciences, 2015, 14, 678-685.	2.9	39
63	Heterogeneous photocatalytic oxidation of nitrite over iron-doped TiO2 samples. Journal of Molecular Catalysis, 1994, 87, 67-74.	1.2	38
64	Structure, Texture, Surface Acidity, and Catalytic Activity of AlPO4â€“ZrO2(5â€“50 wt% ZrO2) Catalysts Prepared by a Solâ€“Gel Procedure. Journal of Catalysis, 1998, 179, 483-494.	6.2	38
65	Enhancement of TiO2/C photocatalytic activity by sulfate promotion. Applied Catalysis A: General, 2004, 259, 235-243.	4.3	37
66	Partial or complete heterogeneous photocatalytic oxidation of neat toluene and 4-picoline in liquid organic oxygenated dispersions containing pure or iron-doped titania photocatalysts. Journal of Molecular Catalysis A, 1996, 104, 329-339.	4.8	35
67	UV photolytic degradation of butyltin chlorides in water. Journal of Photochemistry and Photobiology A: Chemistry, 1993, 71, 97-102.	3.9	34
68	Study of the synergic effect of sulphate pre-treatment and platinisation on the highly improved photocatalytic activity of TiO2. Applied Catalysis B: Environmental, 2008, 81, 49-55.	20.2	34
69	Photo/Electrocatalytic Properties of Nanocrystalline ZnO and Laâ€“Doped ZnO: Combined DFT Fundamental Semiconducting Properties and Experimental Study. ChemistrySelect, 2018, 3, 7778-7791.	1.5	34
70	Titania-Supported Gold Catalysts: Comparison between the Photochemical Phenol Oxidation and Gaseous CO Oxidation Performances. Catalysis Letters, 2008, 123, 198-206.	2.6	32
71	Effect of hydrothermal treatment on structural and photocatalytic properties of TiO2 synthesized by solâ€“gel method. Applied Catalysis A: General, 2012, 411-412, 153-159.	4.3	32
72	A facile shape-controlled synthesis of highly photoactive fluorine containing TiO2 nanosheets with high {001} facet exposure. Journal of Materials Science, 2018, 53, 435-446.	3.7	32

#	Article	IF	Citations
73	ZrO2î—¸SiO2 mixed oxides: surface aspects, photophysical properties and photoreactivity for 4-nitrophenol oxidation in aqueous phase. Journal of Molecular Catalysis A, 1996, 109, 239-248.	4.8	31
74	Gas phase photocatalytic oxidation of toluene using highly active Pt doped TiO2. Journal of Molecular Catalysis A, 2010, 320, 14-18.	4.8	31
75	Simultaneous Production of CH₄and H₂from Photocatalytic Reforming of Glucose Aqueous Solution on Sulfated Pd-TiO₂Catalysts. Oil and Gas Science and Technology, 2015, 70, 891-902.	1.4	31
76	Degradation of Rhodamine B/Phenol Mixtures in Water by Sunâ€Like Excitation of a Bi₂WO₆â€“TiO₂ Photocatalyst. Photochemistry and Photobiology, 2013, 89, 832-840.	2.5	29
77	Modification of the Activity of Mg3(PO4)2 in the Gas-Phase Conversion of Cyclohexanol by Addition of Sodium-Carbonate. Journal of Catalysis, 1995, 157, 97-108.	6.2	28
78	On the influence of chemical processing in the crystallization behaviour of zirconium titanate materials. Journal of Materials Science Letters, 1992, 11, 1570-1572.	0.5	27
79	Catalytic Properties of ZrO2â€“SiO2: Effects of Sulfation in the Cyclohexene Isomerization Reaction. Journal of Catalysis, 1996, 161, 605-613.	6.2	27
80	Influence of amine template on the photoactivity of TiO2 nanoparticles obtained by hydrothermal treatment. Applied Catalysis B: Environmental, 2008, 78, 176-182.	20.2	27
81	Combined use of XPS, IR and EDAX techniques for the characterization of ZrO2-SiO2 powders prepared by a sol-gel process. Applied Surface Science, 1994, 81, 325-329.	6.1	26
82	Characterisation and photocatalytic properties of titaniaâ€“silica mixed oxides doped with Ag and Pt. Applied Catalysis A: General, 2010, 387, 135-140.	4.3	25
83	Photoassisted Degradation (in the UV) of Phenyltin(IV) Chlorides in the Presence of Titanium Dioxide. Langmuir, 1998, 14, 388-395.	3.5	24
84	Photocatalytic Ethanol Oxidative Dehydrogenation over Pt/TiO₂: Effect of the Addition of Blue Phosphors. International Journal of Photoenergy, 2012, 2012, 1-9.	2.5	23
85	Synthesis and application of layered titanates in the photocatalytic degradation of phenol. Applied Catalysis B: Environmental, 2015, 163, 23-29.	20.2	23
86	Anion treatment (Fâ˜ or SO42â˜) of AlPO4-Al2O3 (25 wt.-% Al2O3) catalysts. Applied Catalysis A: General, 1993, 99, 161-173.	4.3	22
87	EXAFS study and photocatalytic properties of un-doped and iron-doped ZrO2-TiO2 (photo-) catalysts. Catalysis Today, 2007, 128, 245-250.	4.4	21
88	CeO2â€“La2O3 catalytic system. Part II. Acidâ€“base properties and catalytic activity for 4-methylpentan-2-ol dehydration. Physical Chemistry Chemical Physics, 2001, 3, 2928-2934.	2.8	20
89	Photocatalytic production of hydrogen and methane from glycerol reforming over Pt/TiO2â€“Nb2O5. International Journal of Hydrogen Energy, 2021, 46, 38678-38691.	7.1	20
90	Surface characterization of ZrO2-SiO2 systems prepared by a sol-gel method. Applied Surface Science, 1993, 70-71, 226-229.	6.1	19

#	Article	IF	Citations
91	Cumene Photo-oxidation over Powder TiO2 Catalyst. Langmuir, 1997, 13, 2373-2379.	3.5	19
92	Structural determination of the Fe-modified zirconium oxide. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 341-346.	1.6	19
93	The effect of dosage on the photocatalytic degradation of organic pollutants. Research on Chemical Intermediates, 2007, 33, 351-358.	2.7	19
94	Effect of the type of acid used in the synthesis of titaniaâ€“silica mixed oxides on their photocatalytic properties. Applied Catalysis B: Environmental, 2014, 150-151, 389-395.	20.2	19
95	Role of Fe(III) in aqueous solution or deposited on ZnO surface in the photoassisted degradation of rhodamine B and caffeine. Chemosphere, 2020, 241, 125009.	8.2	18
96	AlPO4â€“Al2O3catalysts with low alumina content. Part IV.â€”Effect of fluoride ion addition on texture, surface acidity and catalytic performance in cyclohexene and cumene conversions. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 2265-2275.	1.7	17
97	Role of activated carbon on the increased photocatalytic activity of AC/Bi2WO6 coupled materials. Applied Catalysis A: General, 2013, 466, 51-59.	4.3	17
98	Oxidation of 2-furoic acid via singlet oxygen generated photochemically. Journal of Photochemistry and Photobiology A: Chemistry, 1990, 52, 91-95.	3.9	16
99	Photoassisted Degradation ofn-Butyltin Chlorides in Air-Equilibrated Aqueous TiO2Suspension. Langmuir, 1996, 12, 2007-2014.	3.5	16
100	Selectivity and mechanism of cumene liquid-phase oxidation in the presence of powdered mixed ironâ€“aluminum oxides prepared by alkoxy method. Applied Catalysis A: General, 2000, 193, 237-242.	4.3	16
101	Boosting the visible-light photoactivity of Bi2WO6 using acidic carbon additives. Applied Catalysis A: General, 2015, 505, 467-477.	4.3	16
102	Structure, texture, acidity and catalytic performance of AlPO4-caesium oxide catalysts in 2-methyl-3-butyn-2-ol conversion. Journal of Materials Chemistry, 1999, 9, 827-835.	6.7	14
103	A laser flash photolysis study of the photochemical activity of a synthesised ZrTiO4. Materials Letters, 1999, 39, 370-373.	2.6	14
104	Heterogeneous Photocatalytic Oxidation of Liquid Isopropanol by TiO2, ZrO2 and ZrTiO4 Powders. Studies in Surface Science and Catalysis, 1994, , 721-728.	1.5	13
105	Synthesis, characterization and photocatalytic activity of Bi-doped TiO2 photocatalysts under simulated solar irradiation. Applied Catalysis A: General, 2011, , .	4.3	13
106	Fluorinated and Platinized Titania as Effective Materials in the Photocatalytic Treatment of Dyestuffs and Stained Wastewater Coming from Handicrafts Factories. Catalysts, 2019, 9, 179.	3.5	13
107	Photo-oxidative fixation of molecular nitrogen on TiO2 (rutile) surfaces: the nature of the adsorbed nitrogen-containing species. Surface Science, 1991, 251-252, 1052-1056.	1.9	12
108	Title is missing!. Journal of Sol-Gel Science and Technology, 1997, 10, 165-175.	2.4	11

#	Article	IF	Citations
109	UV-photoassisted degradation of phenyltin(IV) chlorides in water. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 108, 59-63.	3.9	11
110	Thermal Behaviour of a TiO2â€"ZrO2 Microcomposite Prepared by Chemical Coating. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2002, 67, 229-238.	1.4	11
111	Evaluation of Auâ€"ZnO, ZnO/Ag2CO3 and Agâ€"TiO2 as Photocatalyst for Wastewater Treatment. Topics in Catalysis, 2020, 63, 1286-1301.	2.8	11
112	Surface characterization of zirconium titanate (ZrTiO4) powder by measurements of electrical photoconductance and photoassisted oxygen isotope exchange. Catalysis Letters, 1993, 20, 251-258.	2.6	10
113	Thermal evolution of TiO2î—¸ZrO2 composites prepared by chemical coating processing. Materials Letters, 1994, 20, 339-344.	2.6	8
114	Effect of preparation method on the surface acidity and catalytic performance of iron orthophosphates in cyclohexene conversion. Journal of Materials Chemistry, 1995, 5, 2019.	6.7	8
115	Catalytic properties of sulfated and non-sulfated ZrO2â€"SiO2: effects of the sulfation submitted before or after the calcination process, in the cyclohexene isomerization reaction. Journal of Molecular Catalysis A, 1998, 135, 155-162.	4.8	8
116	Study of the Initiation Route of Cumene Liquid-Phase Oxidation over Ironâ^'Aluminum Oxide Catalysts Obtained by the Alkoxy Method. Langmuir, 1999, 15, 463-468.	3.5	8
117	Mï¿½ssbauer study of carbon-supported spinel clusters catalysing oxidative decomposition of hydrogen sulphide: role of the labile surface oxygen. Surface and Interface Analysis, 2000, 30, 74-76.	1.8	8
118	Photocatalytic Treatment of Stained Wastewater Coming from Handicraft Factories. A Case Study at the Pilot Plant Level. Water (Switzerland), 2021, 13, 2705.	2.7	8
119	Kinetic study of crystallization in zirconium titanate from an amorphous reactive prepared precursor. Journal of Non-Crystalline Solids, 1992, 147-148, 262-265.	3.1	7
120	Thermal decomposition of sodium nitrite and sodium nitrate pre-adsorbed on TiO2 surfaces. Journal of Thermal Analysis, 1992, 38, 673-682.	0.6	7
121	Fluoride treatment of AlPO4-Al2O3 catalysts. II. Poisoning experiments by bases for cyclohexene conversion and cumene cracking. Catalysis Letters, 1994, 24, 293-301.	2.6	7
122	Transformation of CO2Alone and Combined with Ethanol Present in the Hydrogen-Accumulating Intermetallic System TiFe0.95Zr0.03Mo0.02, Pd/SiO2, and Î³-Al2O3. Langmuir, 1999, 15, 6601-6604.	3.5	7
123	Gas-phase Photocatalytic Partial Oxidation of Cyclohexane to Cyclohexanol and Cyclohexanone on Au/TiO2 Photocatalysts. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	7
124	Photocatalytic propylene epoxidation on Bi2WO6-based photocatalysts. Research on Chemical Intermediates, 2015, 41, 4199-4212.	2.7	7
125	LaFeO3 Modified with Ni for Hydrogen Evolution via Photocatalytic Glucose Reforming in Liquid Phase. Catalysts, 2021, 11, 1558.	3.5	7
126	XAFS study of TiO2/SiO2 system prepared by solâ€"gel from inorganic precursors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 347-352.	1.6	6

#	Article	IF	Citations
127	Title is missing!. Catalysis Letters, 2001, 72, 11-15.	2.6	6
128	ACID-base properties of a CERIA-lanthana catalytic system. Journal of Thermal Analysis and Calorimetry, 2003, 72, 223-229.	3.6	6
129	Catalytic activity of a ceria-lanthana system for 4-methylpentan-2-ol dehydration. Reaction Kinetics and Catalysis Letters, 2003, 79, 93-99.	0.6	6
130	Functionalisation versus mineralisation of some N-heterocyclic compounds upon UV-illumination in the presence of un-doped and iron-doped TiO2 photocatalysts. Applied Catalysis B: Environmental, 2008, 82, 225-232.	20.2	6
131	PreparaciÃ³n de Sistemas Ã“xido de Titanio/Ã“xido de Silicio (TiO2/SiO2) mediante el MÃ©todo SolvotÃ©rmico para Aplicaciones en FotocatÃ¡lisis. Informacion Tecnologica (discontinued), 2013, 24, 81-92.	0.3	6
132	Thermal evolution of (Zr,Ti)O2 gels synthesized at different basicpH. Journal of Thermal Analysis, 1993, 40, 1095-1102.	0.6	5
133	Kinetic study of zirconia crystallization from amorphous ZrO2-SiO2 composite precursors processed by sol-gel chemistry. Journal of Sol-Gel Science and Technology, 1994, 2, 353-357.	2.4	5
134	Effects of sulfation on the crystallization and textural properties of processed ZrO2. Materials Letters, 1994, 20, 345-349.	2.6	5
135	Influence of the nature of iron, aluminium and yttrium organometallic nanocluster precursors on the formation mechanism of ceramic ZrO2 obtained by sol-gel method. Journal of Sol-Gel Science and Technology, 1997, 8, 213-221.	2.4	5
136	Synthesis, structure and catalytic activity of CUO/TiO2 mixed oxides obtained by alkoxo-methods in CO oxidation. Studies in Surface Science and Catalysis, 1998, , 679-689.	1.5	5
137	XAFS study of the structured modified oxides of titanium. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 331-335.	1.6	5
138	Title is missing!. Kinetics and Catalysis, 2003, 44, 165-174.	1.0	5
139	Influence of Water on the Oxidation of NO on Pd/TiO2 Photocatalysts. Nanomaterials, 2020, 10, 2354.	4.1	5
140	Identification of the fixed nitrogen containing species during the photo-oxidative fixation of molecular nitrogen on UV-illuminated TiO2 surfaces. Surface and Interface Analysis, 1994, 22, 417-420.	1.8	4
141	UV photolytic degradation of phenylmercury compounds in water-acetonitrile (1:1) media. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 84, 299-303.	3.9	4
142	Low temperature selective methane activation to alkenes by a new hydrogen-accumulating system. Chemical Communications, 1999, , 943-944.	4.1	4
143	EXAFS study of the Fex/ZrO2composite nanomaterials obtained by solâ€“gel synthesis. Journal of Synchrotron Radiation, 2001, 8, 528-530.	2.4	3
144	Superparamagnetic Î³-Fe2O3 nanoclusters in silicate matrices. Inorganic Materials, 2006, 42, 377-380.	0.8	3

#	Article	IF	Citations
145	XAFS study of high-disperse Pd-containing nanosystem supported on TiO2 oxide matrix. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 180-184.	1.6	3
146	Determination of the local structure of a highly dispersed Pd-Nanosystem located on a titanium dioxide carrier. Journal of Surface Investigation, 2010, 4, 636-639.	0.5	3
147	Remarks on "Effects of surface modification with silicon oxides on the photochemical properties of powdered titania". Langmuir, 1990, 6, 1525-1526.	3.5	2
148	Structure and texture of AlPO4-cesium oxide (20 wt.%) catalysts obtained by impregnation with cesium chloride. Reaction Kinetics and Catalysis Letters, 1998, 65, 245-251.	0.6	2
149	Oxidation of 6- and 8-methylquinolines upon UV-illumination in the presence of a powder of TiO2 photocatalyst. Photochemical and Photobiological Sciences, 2002, 1, 133-135.	2.9	2
150	Soporte de Nuevas PelÃculas de TiO2 y TiO2/SiO2 sobre GrÃ¡nulos de PoliÃ©ster para AplicaciÃ³n en FotocatÃ¡lisis. Informacion Tecnologica (discontinued), 2008, 19, .	0.3	2
151	How the Ti Precursor is Involved in the Effectiveness of Pt-TiO2 Materials in Photodegrading Methyl Orange. Revista Facultad De Ciencias BÃ¡sicas, 2021, 16, 21-30.	0.2	2
152	EXAFS Study of Fe3 Interaction with ZrO2 and TiO2 Oxides. Physica Scripta, 2005, , 736.	2.5	1
153	Photocatalytic treatment based on TiO2 for a coal mining drainage. Revista Facultad De IngenierÃa, 0, , .	0.5	1
154	Fluorinated and Platinized Titania for Glycerol Oxidation. Materials Proceedings, 2021, 4, 37.	0.2	1
155	Title is missing!. Journal of Materials Science, 2003, 38, 2219-2222.	3.7	0
156	XAFS study of an intermetallic TiFe0.95Zr0.03Mo0.02 system for CO2 conversion. Nuclear Instruments & Methods in Physics Research B, 2003, 199, 216-221.	1.4	0
157	Preparation of TiO2 and TiO2/SiO2 Films on Polyester Granules for Photocatalytic Applications. Journal of Advanced Oxidation Technologies, 2007, 10, .	0.5	0
158	Degradation of n-Butyl tin Chlorides in Waters. A Comparative Assessment of the Process by Photo-assisted and Chemical- treatment Methods. Journal of Advanced Oxidation Technologies, 2009, 12, .	0.5	0
159	ZnO/Ag3PO4 and ZnOâ€“Malachite as Effective Photocatalysts for the Removal of Enteropathogenic Bacteria, Dyestuffs, and Heavy Metals from Municipal and Industrial Wastewater. Water (Switzerland), 2021, 13, 2264.	2.7	0