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List of Publications by Citations

213 papers	11,025 citations	53 h-index	99 g-index
228 ext. papers	12,239 ext. citations	8.3 avg, IF	6.63 L-index

#	Paper	IF	Citations
213	Status and perspectives of CO2 conversion into fuels and chemicals by catalytic, photocatalytic and electrocatalytic processes. *Energy and Environmental Science*, **2013**, 6, 3112	35.4	1184
212	Methods, Mechanism, and Applications of Photodeposition in Photocatalysis: A Review. *Chemical Reviews*, **2016**, 116, 14587-14619	68.1	501
211	Electrochemical CO2 reduction on Cu2O-derived copper nanoparticles: controlling the catalytic selectivity of hydrocarbons. *Physical Chemistry Chemical Physics*, **2014**, 16, 12194-201	3.6	382
210	Electrocatalytic reduction of carbon dioxide to carbon monoxide and methane at an immobilized cobalt protoporphyrin. *Nature Communications*, **2015**, 6, 8177	17.4	357
209	A review of intensification of photocatalytic processes. *Chemical Engineering and Processing: Process Intensification*, **2007**, 46, 781-789	3.7	332
208	Artificial photosynthesis over crystalline TiO2-based catalysts: fact or fiction?. *Journal of the American Chemical Society*, **2010**, 132, 8398-406	16.4	303
207	Manipulating the Hydrocarbon Selectivity of Copper Nanoparticles in CO2 Electroreduction by Process Conditions. *ChemElectroChem*, **2015**, 2, 354-358	4.3	293
206	Three-dimensional porous hollow fibre copper electrodes for efficient and high-rate electrochemical carbon dioxide reduction. *Nature Communications*, **2016**, 7, 10748	17.4	231
205	Isoreticular MOFs as efficient photocatalysts with tunable band gap: an operando FTIR study of the photoinduced oxidation of propylene. *ChemSusChem*, **2008**, 1, 981-3	8.3	216
204	Stability and Selectivity of Au/TiO2 and Au/TiO2/SiO2 Catalysts in Propene Epoxidation: An in Situ FT-IR Study. *Journal of Catalysis*, **2001**, 201, 128-137	7.3	200
203	CeO2 catalysed soot oxidation. *Applied Catalysis B: Environmental*, **2004**, 51, 9-19	21.8	192
202	In situ investigation of thethermal decomposition of CoAl hydrotalcite in different atmospheres. *Journal of Materials Chemistry*, **2001**, 11, 821-830		181
201	Mesoporous silica material TUD-1 as a drug delivery system. *International Journal of Pharmaceutics*, **2007**, 331, 133-8	6.5	177
200	The six-flow reactor technology A review on fast catalyst screening and kinetic studies. *Catalysis Today*, **2000**, 60, 93-109	5.3	159
199	The effect of surface OH-population on the photocatalytic activity of rare earth-doped P25-TiO2 in methylene blue degradation. *Journal of Catalysis*, **2008**, 260, 75-80	7.3	156
198	Evaluation of mesoporous TCPSi, MCM-41, SBA-15, and TUD-1 materials as API carriers for oral drug delivery. *Drug Delivery*, **2007**, 14, 337-47	7	152
197	Physicochemical Characterization of Isomorphously Substituted FeZSM-5 during Activation. *Journal of Catalysis*, **2002**, 207, 113-126	7.3	148

196	Steam-activated FeMFI zeolites. Evolution of iron species and activity in direct N2O decomposition. *Journal of Catalysis*, **2003**, 214, 33-45	7.3	140
195	Selective photo(catalytic)-oxidation of cyclohexane: Effect of wavelength and TiO2 structure on product yields. *Journal of Catalysis*, **2006**, 238, 342-352	7.3	138
194	In situ Fourier transform infrared and laser Raman spectroscopic study of the thermal decomposition of Co□Al and Ni□Al hydrotalcites. *Vibrational Spectroscopy*, **2001**, 27, 75-88	2.1	128
193	NO-Assisted N2O Decomposition over Fe-Based Catalysts: Effects of Gas-Phase Composition and Catalyst Constitution. *Journal of Catalysis*, **2002**, 208, 211-223	7.3	121
192	CO2 photoreduction using NiO/InTaO4 in optical-fiber reactor for renewable energy. *Applied Catalysis A: General*, **2010**, 380, 172-177	5.1	119
191	Soot oxidation catalyzed by a Cu/K/Mo/Cl catalyst: evaluation of the chemistry and performance of the catalyst. *Applied Catalysis B: Environmental*, **1995**, 6, 339-352	21.8	117
190	A novel photocatalytic monolith reactor for multiphase heterogeneous photocatalysis. *Applied Catalysis A: General*, **2008**, 334, 119-128	5.1	112
189	Mechanistic study of hydrocarbon formation in photocatalytic CO2 reduction over Ti-SBA-15. *Journal of Catalysis*, **2011**, 284, 1-8	7.3	107
188	Surface Ti3+-Containing (blue) Titania: A Unique Photocatalyst with High Activity and Selectivity in Visible Light-Stimulated Selective Oxidation. *ACS Catalysis*, **2012**, 2, 2641-2647	13.1	102
187	Superior performance of ex-framework FeZSM-5 in direct N2O decomposition in tail-gases from nitric acid plants. *Chemical Communications*, **2001**, 693-694	5.8	102
186	Palladium-gold catalyst for the electrochemical reduction of CO2 to C1-C5 hydrocarbons. *Chemical Communications*, **2016**, 52, 10229-32	5.8	99
185	How Phase Composition Influences Optoelectronic and Photocatalytic Properties of TiO2. *Journal of Physical Chemistry C*, **2011**, 115, 2211-2217	3.8	99
184	DRIFTS study of the water□gas shift reaction over Au/Fe2O3. *Journal of Catalysis*, **2006**, 243, 171-182	7.3	97
183	The formation of carbon surface oxygen complexes by oxygen and ozone. The effect of transition metal oxides. *Carbon*, **1998**, 36, 1269-1276	10.4	92
182	Catalytic oxidation of model soot by metal chlorides. *Applied Catalysis B: Environmental*, **1997**, 12, 33-47	21.8	89
181	Transition Metal Oxide Catalyzed Carbon Black Oxidation: A Study with18O2. *Journal of Catalysis*, **1998**, 179, 258-266	7.3	83
180	Ex-framework FeZSM-5 for control of N2O in tail-gases. *Catalysis Today*, **2002**, 76, 55-74	5.3	83
179	TUD-1: synthesis and application of a versatile catalyst, carrier, material□*Journal of Materials Chemistry*, **2010**, 20, 642-658		82

178	In Situ ATR-FTIR Study on the Selective Photo-oxidation of Cyclohexane over Anatase TiO2. *Journal of Physical Chemistry C*, **2008**, 112, 1552-1561	3.8	82
177	Highly active SO2-resistant ex-framework FeMFI catalysts for direct N2O decomposition. *Applied Catalysis B: Environmental*, **2002**, 35, 227-234	21.8	81
176	Islanded ammonia power systems: Technology review & conceptual process design. *Renewable and Sustainable Energy Reviews*, **2019**, 114, 109339	16.2	76
175	On the mechanism of model diesel soot-O2 reaction catalysed by Pt-containing La3+-doped CeO2A TAP study with isotopic O2. *Catalysis Today*, **2007**, 121, 237-245	5.3	76
174	Synthesis, characterization, and unique catalytic performance of the mesoporous material Fe-TUD-1 in Friedel□Crafts benzylation of benzene. *Catalysis Today*, **2005**, 100, 255-260	5.3	75
173	NO Adsorption on Ex-Framework [Fe,X]MFI Catalysts: Novel IR Bands and Evaluation of Assignments. *Catalysis Letters*, **2002**, 80, 129-138	2.8	73
172	Toward a Physically Sound Structure□Activity Relationship of TiO2-Based Photocatalysts. *Journal of Physical Chemistry C*, **2010**, 114, 327-332	3.8	69
171	Transient Behavior of Ni@NiO Functionalized SrTiO in Overall Water Splitting. *ACS Catalysis*, **2017**, 7, 1610-1614	13.1	67
170	Selective Catalytic Reduction of NO with NH3 over Fe-ZSM-5 Catalysts Prepared by Sublimation of FeCl3 at Different Temperatures. *Catalysis Letters*, **2003**, 86, 121-132	2.8	66
169	Mechanism of Laccase□TEMPO-Catalyzed Oxidation of Benzyl Alcohol. *ChemCatChem*, **2010**, 2, 827-833	5.2	63
168	How Gold Deposition Affects Anatase Performance in the Photo-catalytic Oxidation of Cyclohexane. *Catalysis Letters*, **2009**, 129, 12-19	2.8	60
167	Enabling Electrocatalytic Fischer□Tropsch Synthesis from Carbon Dioxide Over Copper-based Electrodes. *Catalysis Letters*, **2008**, 123, 186-192	2.8	60
166	Porous Photocatalytic Membrane Microreactor (P2M2): A new reactor concept for photochemistry. *Journal of Photochemistry and Photobiology A: Chemistry*, **2011**, 225, 36-41	4.7	59
165	Real-time in situ ATR-FTIR analysis of the liquid phase hydrogenation of □butyrolactone over Cu-ZnO catalysts: A mechanistic study by varying lactone ring size. *Chemical Engineering Science*, **2004**, 59, 5479-5485	4.4	59
164	NO-Assisted N2O Decomposition over ex-Framework FeZSM-5: Mechanistic Aspects. *Catalysis Letters*, **2001**, 77, 7-13	2.8	56
163	Substrate Specificity in Photocatalytic Degradation of Mixtures of Organic Contaminants in Water. *ACS Catalysis*, **2016**, 6, 1254-1262	13.1	54
162	Strategies to design efficient silica-supported photocatalysts for reduction of CO□*Journal of the American Chemical Society*, **2014**, 136, 594-7	16.4	54
161	A novel TiO2 composite for photocatalytic wastewater treatment. *Journal of Catalysis*, **2014**, 310, 75-83	7.3	54

160	On the stability of the thermally decomposed Co-Al hydrotalcite against retrotopotactic transformation. *Materials Research Bulletin*, **2001**, 36, 1767-1775	5.1	50
159	TiO2 nanoparticles in mesoporous TUD-1: synthesis, characterization and photocatalytic performance in propane oxidation. *Chemistry - A European Journal*, **2005**, 12, 620-8	4.8	48
158	Fe, Co and Cu-incorporated TUD-1: Synthesis, characterization and catalytic performance in N2O decomposition and cyclohexane oxidation. *Catalysis Today*, **2005**, 110, 264-271	5.3	48
157	Driving Surface Redox Reactions in Heterogeneous Photocatalysis: The Active State of Illuminated Semiconductor-Supported Nanoparticles during Overall Water-Splitting. *ACS Catalysis*, **2018**, 8, 9154-9164	12.1	47
156	Photocatalytic oxidation of cyclohexane by titanium dioxide: Catalyst deactivation and regeneration. *Journal of Catalysis*, **2010**, 273, 199-210	7.3	47
155	Highly active and stable ion-exchanged Fe□errierite catalyst for N2O decomposition under nitric acid tail gas conditions. *Catalysis Communications*, **2005**, 6, 301-305	3.2	46
154	Operando ATR-FTIR analysis of liquid-phase catalytic reactions: can heterogeneous catalysts be observed?. *Vibrational Spectroscopy*, **2004**, 34, 109-121	2.1	44
153	Cyclohexane selective photocatalytic oxidation by anatase TiO2: influence of particle size and crystallinity. *Physical Chemistry Chemical Physics*, **2010**, 12, 2744-50	3.6	43
152	Photocatalytic Oxidation of Cyclohexane over TiO2: Evidence for a Mars□an Krevelen Mechanism. *Journal of Physical Chemistry C*, **2011**, 115, 1330-1338	3.8	42
151	Feasibility study towards a Cu/K/Mo/(Cl) soot oxidation catalyst for application in diesel exhaust gases. *Applied Catalysis B: Environmental*, **1997**, 11, 365-382	21.8	42
150	The effect of NOx and CO on the rate of transition metal oxide catalyzed carbon black oxidation: An exploratory study. *Applied Catalysis B: Environmental*, **1998**, 17, 205-220	21.8	42
149	Acrylate and propoxy-groups: Contributors to deactivation of Au/TiO2 in the epoxidation of propene. *Journal of Catalysis*, **2009**, 266, 286-290	7.3	41
148	Experimental evidence for electron localization on Au upon photo-activation of Au/anatase catalysts. *Physical Chemistry Chemical Physics*, **2009**, 11, 2708-14	3.6	41
147	Characterization and performance of Pt-USY in the SCR of NOx with hydrocarbons under lean-burn conditions. *Applied Catalysis B: Environmental*, **2001**, 29, 285-298	21.8	41
146	Synergy of ferroelectric polarization and oxygen vacancy to promote CO photoreduction. *Nature Communications*, **2021**, 12, 4594	17.4	41
145	Beyond Water Splitting: Efficiencies of Photo-Electrochemical Devices Producing Hydrogen and Valuable Oxidation Products. *Advanced Sustainable Systems*, **2017**, 1, 1600035	5.9	38
144	Ti3+-containing titania: Synthesis tactics and photocatalytic performance. *Catalysis Today*, **2015**, 246, 60-66	5.3	37
143	Understanding promotion of photocatalytic activity of TiO 2 by Au nanoparticles. *Journal of Catalysis*, **2014**, 319, 194-199	7.3	37

142	E. coli inactivation by visible light irradiation using a Fe□d/TiO2 photocatalyst: Statistical analysis and optimization of operating parameters. *Applied Catalysis B: Environmental*, **2015**, 168-169, 441-447	21.8	37
141	Synthesis, characterization and catalytic performance of Mo-TUD-1 catalysts in epoxidation of cyclohexene. *Catalysis Science and Technology*, **2012**, 2, 1894	5.5	36
140	Electrochemical synthesis of coaxial TiO2□Ag nanowires and their application in photocatalytic water splitting. *Journal of Materials Chemistry A*, **2014**, 2, 2648-2656	13	34
139	Improved performance of TiO2 in the selective photo-catalytic oxidation of cyclohexane by increasing the rate of desorption through surface silylation. *Journal of Catalysis*, **2010**, 273, 116-124	7.3	34
138	Electrochemical generation of hydrogen peroxide using surface area-enhanced Ti-mesh electrodes. *Electrochimica Acta*, **2007**, 52, 6304-6309	6.7	34
137	High-throughput experimentation in catalyst testing and in kinetic studies for heterogeneous catalysis. *Catalysis Today*, **2003**, 81, 457-471	5.3	33
136	Following the evolution of iron from framework to extra-framework positions in isomorphously substituted [Fe,Al]MFI with 57Fe M□ssbauer spectroscopy. *Journal of Catalysis*, **2005**, 231, 56-66	7.3	33
135	Monitoring the catalytic synthesis of glycerol carbonate by real-time attenuated total reflection FTIR spectroscopy. *Applied Catalysis A: General*, **2011**, 409-410, 106-112	5.1	32
134	Characterization of Fe sites in Fe-zeolites by FTIR spectroscopy of adsorbed NO: are the spectra obtained in static vacuum and dynamic flow set-ups comparable?. *Physical Chemistry Chemical Physics*, **2010**, 12, 358-64	3.6	32
133	Efficient catalytic epoxidation of olefins with silylated Ti-TUD-1 catalysts. *Journal of Catalysis*, **2008**, 260, 288-294	7.3	32
132	Identification of the role of surface acidity in the deactivation of TiO2 in the selective photo-oxidation of cyclohexane. *Catalysis Today*, **2009**, 143, 326-333	5.3	31
131	Catalytic synthesis of methanethiol from hydrogen sulfide and carbon monoxide over vanadium-based catalysts. *Catalysis Today*, **2003**, 78, 327-337	5.3	31
130	Synergy between metals in bimetallic zeolite supported catalyst for NO-promoted N2O decomposition. *Catalysis Letters*, **2005**, 99, 41-44	2.8	31
129	Disposable attenuated total reflection-infrared crystals from silicon wafer: a versatile approach to surface infrared spectroscopy. *Analytical Chemistry*, **2013**, 85, 33-8	7.8	30
128	MultiTRACK and operando Raman-GC study of oxidative dehydrogenation of propane over alumina-supported vanadium oxide catalysts. *Physical Chemistry Chemical Physics*, **2003**, 5, 4378-4383	3.6	30
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126	Decomposition of nitrous oxide over ZSM-5 catalysts. *Studies in Surface Science and Catalysis*, **1996**, 641-650	1.8	30
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123	Time-Dependent Photoluminescence of Nanostructured Anatase TiO2 and the Role of Bulk and Surface Processes. *Journal of Physical Chemistry C*, **2019**, 123, 26653-26661	3.8	27
122	The effect of active sites□hature on the photo-catalytic performance of Cr-TUD-1 in the oxidation of C1□3 hydrocarbons. *Applied Catalysis B: Environmental*, **2015**, 174-175, 413-420	21.8	27
121	The effect of water on the performance of TiO2 in photocatalytic selective alkane oxidation. *Journal of Catalysis*, **2011**, 277, 129-133	7.3	27
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119	Direct N2O decomposition over ex-framework FeMFI catalysts. Role of extra-framework species. *Catalysis Communications*, **2002**, 3, 19-23	3.2	27
118	How Pt nanoparticles affect TiO2-induced gas-phase photocatalytic oxidation reactions. *Journal of Catalysis*, **2015**, 324, 119-126	7.3	25
117	Micromolding of solvent resistant microfluidic devices. *Lab on A Chip*, **2011**, 11, 2035-8	7.2	25
116	Chromium-incorporated TUD-1 as a new visible light-sensitive photo-catalyst for selective oxidation of propane. *Catalysis Today*, **2006**, 117, 337-342	5.3	25
115	On the activation of Pt/Al2O3 catalysts in HC-SCR by sintering: determination of redox-active sites using Multitrack. *Applied Catalysis B: Environmental*, **2003**, 46, 687-702	21.8	25
114	Photocatalytic decomposition of cortisone acetate in aqueous solution. *Journal of Hazardous Materials*, **2015**, 282, 208-15	12.8	24
113	Photocatalytic Activity of ZnV2O6/Reduced Graphene Oxide Nanocomposite: From Theory to Experiment. *Journal of the Electrochemical Society*, **2018**, 165, H353-H359	3.9	24
112	Cyclohexene photo-oxidation over vanadia catalyst analyzed by time resolved ATR-FT-IR spectroscopy. *Physical Chemistry Chemical Physics*, **2008**, 10, 3131-7	3.6	24
111	Attenuated total reflection-infrared nanofluidic chip with 71 nL detection volume for in situ spectroscopic analysis of chemical reaction intermediates. *Analytical Chemistry*, **2012**, 84, 3132-7	7.8	22
110	Efficient NO adsorption and release at Fe3+ sites in Fe/TiO2 nanoparticles. *Energy and Environmental Science*, **2011**, 4, 2140	35.4	22
109	Effect of steaming of iron containing AlPO-5 on the structure and activity in N2O decomposition. *Microporous and Mesoporous Materials*, **2008**, 112, 193-201	5.3	22
108	Electrochemical characterization of iron sites in ex-framework FeZSM-5. *Journal of Electroanalytical Chemistry*, **2002**, 519, 72-84	4.1	22
107	A DRIFTS study of the interaction of alkali metal oxides with carbonaceous surfaces. *Carbon*, **1999**, 37, 401-410	10.4	22

106	Towards sustainable chlorate production: The effect of permanganate addition on current efficiency. *Journal of Cleaner Production*, **2018**, 182, 529-537	10.3	21
105	Comparative Analysis of Photocatalytic and Electrochemical Degradation of 4-Ethylphenol in Saline Conditions. *Environmental Science & Technology*, **2019**, 53, 8725-8735	10.3	21
104	Reactivity of generated oxygen species from nitrous oxide over [Fe,Al]MFI catalysts for the direct oxidation of benzene to phenol. *Catalysis Today*, **2005**, 110, 221-227	5.3	21
103	Controlled Doping Methods for Radial p/n Junctions in Silicon. *Advanced Energy Materials*, **2015**, 5, 1401745	21.8	20
102	Combined ATR-FTIR and DFT Study of Cyclohexanone Adsorption on Hydrated TiO2 Anatase Surfaces. *Journal of Physical Chemistry C*, **2011**, 115, 14164-14172	3.8	20
101	FAPO and Fe-TUD-1: Promising catalysts for N2O mediated selective oxidation of propane?. *Journal of Catalysis*, **2009**, 262, 1-8	7.3	19
100	Development of TiO2/Ti wire-mesh honeycomb for catalytic combustion of ethyl acetate in air. *Applied Catalysis A: General*, **2006**, 313, 86-93	5.1	19
99	pH-Dependence in facet-selective photo-deposition of metals and metal oxides on semiconductor particles. *Journal of Materials Chemistry A*, **2018**, 6, 7500-7508	13	18
98	Functioning devices for solar to fuel conversion. *Chemical Engineering and Processing: Process Intensification*, **2012**, 51, 137-149	3.7	18
97	Insight into the origin of the limited activity and stability of p-Cu2O films in photoelectrochemical proton reduction. *Electrochimica Acta*, **2017**, 245, 259-267	6.7	17
96	Promoting Photocatalytic Overall Water Splitting by Controlled Magnesium Incorporation in SrTiO Photocatalysts. *ChemSusChem*, **2017**, 10, 4510-4516	8.3	17
95	Photocatalytic methanol assisted production of hydrogen with simultaneous degradation of methyl orange. *Applied Catalysis A: General*, **2016**, 518, 206-212	5.1	17
94	Synthesis of photocatalytic TiO2 nano-coatings by supersonic cluster beam deposition. *Journal of Alloys and Compounds*, **2014**, 615, S467-S471	5.7	17
93	Effects of Support, Particle Size, and Process Parameters on Co3O4 Catalyzed H2O Oxidation Mediated by the [Ru(bpy)3]2+ Persulfate System. *ChemCatChem*, **2013**, 5, 550-556	5.2	17
92	Sorption-determined deposition of platinum on well-defined platelike WO3. *Angewandte Chemie - International Edition*, **2014**, 53, 12476-9	16.4	17
91	Product desorption limitations in selective photocatalytic oxidation. *Catalysis Today*, **2010**, 155, 302-310	5.3	17
90	In Situ Raman Study of Potential-Dependent Surface Adsorbed Carbonate, CO, OH, and C Species on Cu Electrodes During Electrochemical Reduction of CO2. *ChemElectroChem*, **2021**, 8, 1478-1485	4.3	17
89	ZnO Nanowire Networks as Photoanode Model Systems for Photoelectrochemical Applications. *Nanomaterials*, **2018**, 8,	5.4	17

88	Ag-Functionalized CuWO4/WO3 nanocomposites for solar water splitting. *New Journal of Chemistry* , **2019**, 43, 2196-2203	3.6	16
87	Systematic variation of 57Fe and Al content in isomorphously substituted 57FeZSM-5 zeolites: preparation and characterization. *Microporous and Mesoporous Materials*, **2004**, 75, 237-246	5.3	16
86	Infrared Analysis of Interfacial Phenomena during Electrochemical Reduction of CO2 over Polycrystalline Copper Electrodes. *ACS Catalysis*, **2020**, 10, 8049-8057	13.1	15
85	Catalytic Characterization of Mesoporous Ti□ilica Hollow Spheres. *Catalysis Letters*, **2006**, 109, 207-210	2.8	15
84	Effect of preparation procedures on the activity of supported palladium/lanthanum methanol decomposition catalysts. *Catalysis Today*, **2001**, 65, 69-75	5.3	15
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77	On the Wavelength-Dependent Performance of Cr-Doped Silica in Selective Photo-Oxidation. *Journal of Physical Chemistry C*, **2008**, 112, 5471-5475	3.8	14
76	Elucidation of the Surprising Role of NO in N2O Decomposition over FeZSM-5. *Kinetics and Catalysis* , **2003**, 44, 639-647	1.5	14
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69	Selective Electrochemical Oxidation of H2O to H2O2 Using Boron-Doped Diamond: An Experimental and Techno-Economic Evaluation. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 7803-7812	8.3	12
68	Catalytic methyl mercaptan coupling to ethylene in chabazite: DFT study of the first C C bond formation. *Applied Catalysis B: Environmental*, **2016**, 187, 195-203	21.8	11
67	The influence of water vapour on the photocatalytic oxidation of cyclohexane in an internally illuminated monolith reactor. *Applied Catalysis A: General*, **2014**, 470, 63-71	5.1	11
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64	Electrochemically Induced pH Change: Time-Resolved Confocal Fluorescence Microscopy Measurements and Comparison with Numerical Model. *Journal of Physical Chemistry Letters*, **2020**, 11, 7042-7048	6.4	11
63	Spatioselective Electrochemical and Photoelectrochemical Functionalization of Silicon Microwires with Axial p/n Junctions. *Advanced Materials*, **2016**, 28, 1400-5	24	11
62	Photocatalytic hydrogen production by photo-reforming of methanol with one-pot synthesized Pt-containing TiO2 photocatalysts. *Catalysis Today*, **2020**, 356, 95-100	5.3	11
61	High throughput analysis of photocatalytic water purification. *Analytical Chemistry*, **2014**, 86, 7612-7	7.8	10
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59	Investigation of the Deactivation Phenomena Occurring in the Cyclohexane Photocatalytic Oxidative Dehydrogenation on MoOx/TiO2 through Gas Phase and in situ DRIFTS Analyses. *Catalysts*, **2013**, 3, 978-997	4	10
58	Impact of Pressure Variations on Coal Devolatilization Products. 2. Detailed Product Distributions from 1.0 MPa. *Energy & Fuels*, **2004**, 18, 520-530	4.1	10
57	Characterization of Iron Species in Ex-Framework FeZSM-5 by Electrochemical Methods. *Catalysis Letters*, **2002**, 78, 303-312	2.8	10
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16	Photocatalytic Oxidation of Propane Using Hydrothermally Prepared Anatase-Brookite-Rutile TiO Samples. An In Situ DRIFTS Study. *Nanomaterials*, **2020**, 10,	5.4	2
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