Claudio Minero

List of Publications by Year
in descending order

306	16,447	13099 68	22832 112
papers	citations	h-index	g-index

320	320	320	11871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phototransformation of the fungicide tebuconazole, and its predicted fate in sunlit surface freshwaters. Chemosphere, 2022, 303, 134895.	8.2	11
2	Effective degradation of ibuprofen through an electro-Fenton process, in the presence of zero-valent iron (ZVI-EF). Journal of Cleaner Production, 2022, 367, 132894.	9.3	15
3	Graphitic carbon nitride-based metal-free photocatalyst. , 2021, , 449-484.		1
4	Fluorophores in surface freshwaters: importance, likely structures, and possible impacts of climate change. Environmental Sciences: Processes and Impacts, 2021, 23, 1429-1442.	3.5	6
5	Non-purified commercial multiwalled carbon nanotubes supported on electrospun polyacrylonitrile@polypyrrole nanofibers as photocatalysts for water decontamination. RSC Advances, 2021, 11, 9911-9920.	3.6	5
6	Electrochemical abatement of cefazolin: Towards a viable treatment for antibiotic-containing urine. Journal of Cleaner Production, 2021, 289, 125722.	9.3	18
7	Controlled Periodic Illumination Enhances Hydrogen Production by over 50% on Pt/TiO₂. ACS Catalysis, 2021, 11, 6484-6488.	11.2	14
8	Evaluation of gas / solid photocatalytic performance for the removal of VOCs at ppb and sub-ppb levels. Chemosphere, 2021, 272, 129636.	8.2	11
9	Photocatalytic rate dependence on light absorption properties of different TiO2 specimens. Catalysis Today, 2020, 340, 12-18.	4.4	21
10	Portable photoreactor for on-site measurement of the activity of photocatalytic surfaces. Catalysis Today, 2020, 340, 363-368.	4.4	9
11	Polyethylene Glycol as Shape and Size Controller for the Hydrothermal Synthesis of SrTiO3 Cubes and Polyhedra. Nanomaterials, 2020, 10, 1892.	4.1	7
12	Photocatalytic Transformations of 1H-Benzotriazole and Benzotriazole Derivates. Nanomaterials, 2020, 10, 1835.	4.1	7
13	Flexible Semiconducting Nanofibers Functionalized with ZnO for Enhanced and Sustainable Water Decontamination. ECS Meeting Abstracts, 2020, MA2020-01, 737-737.	0.0	0
14	Degradation of ibuprofen and phenol with a Fenton-like process triggered by zero-valent iron (ZVI-Fenton). Environmental Research, 2019, 179, 108750.	7.5	52
15	The Role of Surface Texture on the Photocatalytic H2 Production on TiO2. Catalysts, 2019, 9, 32.	3.5	28
16	Formic Acid Photoreforming for Hydrogen Production on Shape-Controlled Anatase TiO₂ Nanoparticles: Assessment of the Role of Fluorides, {101}/{001} Surfaces Ratio, and Platinization. ACS Catalysis, 2019, 9, 6692-6697.	11.2	65
17	Amine-rich carbon nitride nanoparticles: Synthesis, covalent functionalization with proteins and application in a fluorescence quenching assay. Nano Research, 2019, 12, 1862-1870.	10.4	14
18	Highly Photoactive Polythiophenes Obtained by Electrochemical Synthesis from Bipyridine-Containing Terthiophenes. Energies, 2019, 12, 341.	3.1	3

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19	Formation of substances with humic-like fluorescence properties, upon photoinduced oligomerization of typical phenolic compounds emitted by biomass burning. Atmospheric Environment, 2019, 206, 197-207.	4.1	33
20	Quantification of the Photocatalytic Self-Cleaning Ability of Non-Transparent Materials. Materials, 2019, 12, 508.	2.9	8
21	Electrospun coreâ€“sheath PAN@PPY nanofibers decorated with ZnO: photo-induced water decontamination enhanced by a semiconducting support. Journal of Materials Chemistry A, 2019, 7, 26429-26441.	10.3	8
22	Photocatalytic performances of rare earth element-doped zinc oxide toward pollutant abatement in water and wastewater. Applied Catalysis B: Environmental, 2019, 245, 159-166.	20.2	49
23	Synthesis, characterization and photocatalytic performance of p-type carbon nitride. Applied Catalysis B: Environmental, 2019, 242, 121-131.	20.2	33
24	Evidence of an Important Role of Photochemistry in the Attenuation of the Secondary Contaminant 3,4-Dichloroaniline in Paddy Water. Environmental Science & Technology, 2018, 52, 6334-6342.	10.0	13
25	A revised photocatalytic transformation mechanism for chlorinated VOCs: Experimental evidence from C2Cl4 in the gas phase. Catalysis Today, 2018, 313, 114-121.	4.4	6
26	The complex interplay between adsorption and photoactivity in hybrids rGO/TiO2. Catalysis Today, 2018, 315, 9-18.	4.4	16
27	Simulation of photoreactive transients and of photochemical transformation of organic pollutants in sunlit boreal lakes across 14 degrees of latitude: A photochemical mapping of Sweden. Water Research, 2018, 129, 94-104.	11.3	22
28	Photoinduced disinfection in sunlit natural waters: Measurement of the second order inactivation rate constants between E.Âcoli and photogenerated transient species. Water Research, 2018, 147, 242-253.	11.3	29
29	Coupling of Nanofiltration and Thermal Fenton Reaction for the Abatement of Carbamazepine in Wastewater. ACS Omega, 2018, 3, 9407-9418.	3.5	18
30	An experimental methodology to measure the reaction rate constants of processes sensitised by the triplet state of 4-carboxybenzophenone as a proxy of the triplet states of chromophoric dissolved organic matter, under steady-state irradiation conditions. Environmental Sciences: Processes and Impacts, 2018, 20, 1007-1019.	3.5	17
31	Photocatalytic process in TiO 2 /graphene hybrid materials. Evidence of charge separation by electron transfer from reduced graphene oxide to TiO 2. Catalysis Today, 2017, 281, 29-37.	4.4	95
32	Local Proton Source in Electrocatalytic CO₂ Reduction with [Mn(bpyâ€“R)(CO)₃Br] Complexes. Chemistry - A European Journal, 2017, 23, 4782-4793.	3.3	123
33	Modelling the photochemical attenuation pathways of the fibrate drug gemfibrozil in surface waters. Chemosphere, 2017, 170, 124-133.	8.2	12
34	Phototransformation of the Herbicide Propanil in Paddy Field Water. Environmental Science & Technology, 2017, 51, 2695-2704.	10.0	40
35	Anodic Materials for Lithium-ion Batteries: TiO2-rGO Composites for High Power Applications. Electrochimica Acta, 2017, 230, 132-140.	5.2	15
36	Frontispiece: Local Proton Source in Electrocatalytic CO₂ Reduction with [Mn(bpyâ€“R)(CO)₃Br] Complexes. Chemistry - A European Journal, 2017, 23, .	3.3	0

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37	Selected hybrid photocatalytic materials for the removal of drugs from water. Current Opinion in Green and Sustainable Chemistry, 2017, 6, 11-17.	5.9	20
38	Photoinduced transformation of pyridinium-based ionic liquids, and implications for their photochemical behavior in surface waters. Water Research, 2017, 122, 194-206.	11.3	28
39	Influence of agglomeration and aggregation on the photocatalytic activity of TiO 2 nanoparticles. Applied Catalysis B: Environmental, 2017, 216, 80-87.	20.2	170
40	Phototransformation of Acesulfame K in surface waters: Comparison of two techniques for the measurement of the second-order rate constants of indirect photodegradation, and modelling of photoreaction kinetics. Chemosphere, 2017, 186, 185-192.	8.2	23
41	Photoelectrochemical Performance of the Ag(III)-Based Oxygen-Evolving Catalyst. ACS Applied Materials & Interfaces, 2017, 9, 23800-23809.	8.0	17
42	Photochemical Formation of Nitrite and Nitrous Acid (HONO) upon Irradiation of Nitrophenols in Aqueous Solution and in Viscous Secondary Organic Aerosol Proxy. Environmental Science & Technology, 2017, 51, 7486-7495.	10.0	42
43	Photochemical transformation of benzotriazole, relevant to sunlit surface waters: Assessing the possible role of triplet-sensitised processes. Science of the Total Environment, 2016, 566-567, 712-721.	8.0	9
44	Influence of nitrogen speciation on the TDN measurement in fresh waters by high temperature catalytic oxidation and persulfate digestion. International Journal of Environmental Analytical Chemistry, 2016, 96, 474-489.	3.3	4
45	A model assessment of the ability of lake water in Terra Nova Bay, Antarctica, to induce the photochemical degradation of emerging contaminants. Chemosphere, 2016, 162, 91-98.	8.2	5
46	Assessing the phototransformation of diclofenac, clofibric acid and naproxen in surface waters: Model predictions and comparison with field data. Water Research, 2016, 105, 383-394.	11.3	67
47	Considerable Fenton and photo-Fenton reactivity of passivated zero-valent iron. RSC Advances, 2016, 6, 86752-86761.	3.6	30
48	A proof of the direct hole transfer in photocatalysis: The case of melamine. Applied Catalysis A: General, 2016, 521, 57-67.	4.3	31
49	Size resolved metal distribution in the PM matter of the city of Turin (Italy). Chemosphere, 2016, 147, 477-489.	8.2	34
50	Modeling the photochemical transformation of nitrobenzene under conditions relevant to sunlit surface waters: Reaction pathways and formation of intermediates. Chemosphere, 2016, 145, 277-283.	8.2	16
51	Shape controllers enhance the efficiency of grapheneâ€“TiO₂hybrids in pollutant abatement. Nanoscale, 2016, 8, 3407-3415.	5.6	13
52	Photocatalytic transformation of the antipsychotic drug risperidone in aqueous media on reduced graphene oxideâ€”TiO 2 composites. Applied Catalysis B: Environmental, 2016, 183, 96-106.	20.2	70
53	Electrochemical Reduction of CO₂ by M(CO)₄(diimine) Complexes (M=Mo, W): Catalytic Activity Improved by 2,2â€²â€Dipyridylamine. ChemElectroChem, 2015, 2, 1372-1379.	3.4	46
54	Photochemical processes induced by the irradiation of 4-hydroxybenzophenone in different solvents. Photochemical and Photobiological Sciences, 2015, 14, 2087-2096.	2.9	9

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55	Photogeneration of reactive transient species upon irradiation of natural water samples: Formation quantum yields in different spectral intervals, and implications for the photochemistry of surface waters. Water Research, 2015, 73, 145-156.	11.3	78
56	Tailored properties of hematite particles with different size and shape. Dyes and Pigments, 2015, 115, 204-210.	3.7	11
57	Photochemical stability and reactivity of graphene oxide. Journal of Materials Science, 2015, 50, 2399-2409.	3.7	30
58	A model assessment of the importance of direct photolysis in the photo-fate of cephalosporins in surface waters: Possible formation of toxic intermediates. Chemosphere, 2015, 134, 452-458.	8.2	18
59	Photoâ€“Fenton reaction in the presence of morphologically controlled hematite as iron source. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 307-308, 99-107.	3.9	54
60	The fate of nitrogen upon nitrite irradiation: Formation of dissolved vs. gas-phase species. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 307-308, 30-34.	3.9	16
61	Dark production of hydroxyl radicals by aeration of anoxic lake water. Science of the Total Environment, 2015, 527-528, 322-327.	8.0	45
62	Thin Film Nanocrystalline TiO₂ Electrodes: Dependence of Flat Band Potential on pH and Anion Adsorption. Journal of Nanoscience and Nanotechnology, 2015, 15, 3348-3358.	0.9	14
63	Activation of Persulfate by Irradiated Magnetite: Implications for the Degradation of Phenol under Heterogeneous Photo-Fenton-Like Conditions. Environmental Science & Technology, 2015, 49, 1043-1050.	10.0	216
64	Photoâ€•and Electrocatalytic Reduction of CO₂ by [Re(CO)₃{Î±,Î±â€²â€Diimineâ€(4â€piperidinylâ€1,8â€naphthalimide)}Cl] Complexes. European Journal of Inorganic Chemistry, 2015, 2015, 296-304.	2.8	45
65	Photochemical transformation of phenylurea herbicides in surface waters: A model assessment of persistence, and implications for the possible generation of hazardous intermediates. Chemosphere, 2015, 119, 601-607.	8.2	27
66	Photocatalytic hydrogen production on Pt-loaded TiO2 inverse opals. Applied Catalysis B: Environmental, 2015, 163, 452-458.	20.2	53
67	New insights into the environmental photochemistry of 5-chloro-2-(2,4-dichlorophenoxy)phenol (triclosan): Reconsidering the importance of indirect photoreactions. Water Research, 2015, 72, 271-280.	11.3	56
68	Indirect Photochemistry in Sunlit Surface Waters: Photoinduced Production of Reactive Transient Species. Chemistry - A European Journal, 2014, 20, 10590-10606.	3.3	325
69	A local proton source in a [Mn(bpy-R)(CO)₃Br]-type redox catalyst enables CO₂ reduction even in the absence of BrÃ¸nsted acids. Chemical Communications, 2014, 50, 14670-14673.	4.1	144
70	Effects of climate change on surface-water photochemistry: a review. Environmental Science and Pollution Research, 2014, 21, 11770-11780.	5.3	15
71	Photosensitised humic-like substances (HULIS) formation processes of atmospheric significance: a review. Environmental Science and Pollution Research, 2014, 21, 11614-11622.	5.3	21
72	Assessing the photochemical transformation pathways of acetaminophen relevant to surface waters: Transformation kinetics, intermediates, and modelling. Water Research, 2014, 53, 235-248.	11.3	106

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73	Photo-Fenton oxidation of phenol with magnetite as iron source. Applied Catalysis B: Environmental, 2014, 154-155, 102-109.	20.2	136
74	Formation and reactivity of the dichloride radical (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 717 Td (xmlns:mml="http://www.w Chemosphere, 2014, 95, 464-469.	8.2	32
75	The role of humic and fulvic acids in the phototransformation of phenolic compounds in seawater. Science of the Total Environment, 2014, 493, 411-418.	8.0	37
76	Phototransformation pathways of the fungicide dimethomorph ((E,Z)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (4-[3-(4-chlorophen waters. Science of the Total Environment, 2014, 500-501, 351-360.	8.0	22
77	Tuning TiO₂nanoparticle morphology in grapheneâ€“TiO₂hybrids by graphene surface modification. Nanoscale, 2014, 6, 6710-6719.	5.6	60
78	Photocatalytic degradation of selected anticancer drugs and identification of their transformation products in water by liquid chromatographyâ€“high resolution mass spectrometry. Journal of Chromatography A, 2014, 1362, 135-144.	3.7	55
79	Photochemical generation of photoactive compounds with fulvic-like and humic-like fluorescence in aqueous solution. Chemosphere, 2014, 111, 529-536.	8.2	48
80	Fate of selected pharmaceuticals in river waters. Environmental Science and Pollution Research, 2013, 20, 2262-2270.	5.3	38
81	Photochemical transformation of ibuprofen into harmful 4-isobutylacetophenone: Pathways, kinetics, and significance for surface waters. Water Research, 2013, 47, 6109-6121.	11.3	81
82	Optical and Photochemical Characterization of Chromophoric Dissolved Organic Matter from Lakes in Terra Nova Bay, Antarctica. Evidence of Considerable Photoreactivity in an Extreme Environment. Environmental Science & Technology, 2013, 47, 14089-14098.	10.0	71
83	A quantitative assessment of the production of Ë™OH and additional oxidants in the dark Fenton reaction: Fenton degradation of aromatic amines. RSC Advances, 2013, 3, 26443.	3.6	44
84	Photochemical processes involving the UV absorber benzophenone-4 (2-hydroxy-4-methoxybenzophenone-5-sulphonic acid) in aqueous solution: Reaction pathways and implications for surface waters. Water Research, 2013, 47, 5943-5953.	11.3	62
85	Transformation of 2,4,6-trimethylphenol and furfuryl alcohol, photosensitised by Aldrich humic acids subject to different filtration procedures. Chemosphere, 2013, 90, 306-311.	8.2	34
86	Could triplet-sensitised transformation of phenolic compounds represent a source of fulvic-like substances in natural waters?. Chemosphere, 2013, 90, 881-884.	8.2	25
87	UVâ€“vis spectral modifications of water samples under irradiation: Lake vs. subterranean water. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 251, 85-93.	3.9	16
88	Photolytic degradation of N,N-diethyl-m-toluamide in ice and water: Implications in its environmental fate. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 271, 99-104.	3.9	10
89	Photochemical transformation of atrazine and formation of photointermediates under conditions relevant to sunlit surface waters: Laboratory measures and modelling. Water Research, 2013, 47, 6211-6222.	11.3	71
90	Modelling lake-water photochemistry: Three-decade assessment of the steady-state concentration of photoreactive transients (OH, and 3CDOMâˆ—) in the surface water of polymictic Lake Peipsi (Estonia/Russia). Chemosphere, 2013, 90, 2589-2596.	8.2	20

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91	Phototransformation of the sunlight filter benzophenone-3 (2-hydroxy-4-methoxybenzophenone) under conditions relevant to surface waters. Science of the Total Environment, 2013, 463-464, 243-251.	8.0	67
92	Phenol transformation and dimerisation, photosensitised by the triplet state of 1-nitronaphthalene: A possible pathway to humic-like substances (HULIS) in atmospheric waters. Atmospheric Environment, 2013, 70, 318-327.	4.1	33
93	On the Standardization of the Photocatalytic Gas/Solid Tests. International Journal of Chemical Reactor Engineering, 2013, 11, 717-732.	1.1	30
94	Surface-Modified Photocatalysts. Handbook of Environmental Chemistry, 2013, , 23-44.	0.4	1
95	Modelling photochemical transformation of emerging organic pollutants in surface waters: effect of water level fluctuations following outflow or evaporation, relevant to arid and semi-arid environments. International Journal of Environmental Analytical Chemistry, 2013, 93, 1698-1717.	3.3	9
96	Modelling the photochemical generation kinetics of 2-methyl-4-chlorophenol, an intermediate of the herbicide MCPA (2-methyl-4-chlorophenoxyacetic acid) in surface waters. Aquatic Ecosystem Health and Management, 2013, 16, 216-221.	0.6	13
97	Phototransformation of anthraquinone-2-sulphonate in aqueous solution. Photochemical and Photobiological Sciences, 2012, 11, 1445-1453.	2.9	49
98	Faster phototransformation of the formate (terrestrial) versus methanesulphonate (marine) markers of airborne particles: implications for modelling climate change. Environmental Chemistry Letters, 2012, 10, 395-399.	16.2	0
99	The role of nitrite and nitrate ions as photosensitizers in the phototransformation of phenolic compounds in seawater. Science of the Total Environment, 2012, 439, 67-75.	8.0	61
100	Assessing the occurrence of the dibromide radical (Br2â˙) in natural waters: Measures of triplet-sensitised formation, reactivity, and modelling. Science of the Total Environment, 2012, 439, 299-306.	8.0	50
101	Photochemical Fate of Carbamazepine in Surface Freshwaters: Laboratory Measures and Modeling. Environmental Science & Technology, 2012, 46, 8164-8173.	10.0	126
102	Chemical and optical phototransformation of dissolved organic matter. Water Research, 2012, 46, 3197-3207.	11.3	54
103	Glycerol as a probe molecule to uncover oxidation mechanism in photocatalysis. Applied Catalysis B: Environmental, 2012, 128, 135-143.	20.2	74
104	Theoretical and experimental evidence of the photonitration pathway of phenol and 4-chlorophenol: A mechanistic study of environmental significance. Photochemical and Photobiological Sciences, 2012, 11, 418-424.	2.9	52
105	Photochemical production of organic matter triplet states in water samples from mountain lakes, located below or above the tree line. Chemosphere, 2012, 88, 1208-1213.	8.2	55
106	Role of iron species in the photo-transformation of phenol in artificial and natural seawater. Science of the Total Environment, 2012, 426, 281-288.	8.0	24
107	Photochemical transformation of anionic 2-nitro-4-chlorophenol in surface waters: Laboratory and model assessment of the degradation kinetics, and comparison with field data. Science of the Total Environment, 2012, 426, 296-303.	8.0	21
108	Role of H2O2 in the photo-transformation of phenol in artificial and natural seawater. Science of the Total Environment, 2012, 431, 84-91.	8.0	20

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109	Photochemical and photosensitised reactions involving 1-nitronaphthalene and nitrite in aqueous solution. Photochemical and Photobiological Sciences, 2011, 10, 601-609.	2.9	17
110	Modeling Phototransformation Reactions in Surface Water Bodies: 2,4-Dichloro-6-Nitrophenol As a Case Study. Environmental Science & Technology, 2011, 45, 209-214.	10.0	67
111	Photoelectrochemical study of TiO2 inverse opals. Journal of Materials Chemistry, 2011, 21, 19144.	6.7	27
112	Photocatalytic metamaterials: TiO2 inverse opals. Chemical Communications, 2011, 47, 6147.	4.1	70
113	Formation of hydroxyl radicals by irradiated 1-nitronaphthalene (1NN): oxidation of hydroxyl ions and water by the 1NN triplet state. Photochemical and Photobiological Sciences, 2011, 10, 1817-1824.	2.9	47
114	Phenol transformation photosensitised by quinoid compounds. Physical Chemistry Chemical Physics, 2011, 13, 11213.	2.8	21
115	Modelling the photochemical fate of ibuprofen in surface waters. Water Research, 2011, 45, 6725-6736.	11.3	109
116	On the effect of 2-propanol on phenol photonitration upon nitrate photolysis. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 224, 68-70.	3.9	39
117	Performance and selectivity of the terephthalic acid probe for OH as a function of temperature, pH and composition of atmospherically relevant aqueous media. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 70-76.	3.9	125
118	A model approach to assess the long-term trends of indirect photochemistry in lake water. The case of Lake Maggiore (NW Italy). Science of the Total Environment, 2011, 409, 3463-3471.	8.0	28
119	N,N-diethyl-m-toluamide transformation in river water. Science of the Total Environment, 2011, 409, 3894-901.	8.0	33
120	Photocatalytic transformation of flufenacet over TiO2 aqueous suspensions: Identification of intermediates and the mechanism involved. Applied Catalysis B: Environmental, 2011, 110, 238-250.	20.2	25
121	Low to negligible photoactivity of lake-water matter in the size range from 0.1 to 5 Î¼m. Chemosphere, 2011, 83, 1480-1485.	8.2	23
122	Characterization of phenazone transformation products on lightâ€activated TiO₂ surface by highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 2923-2932.	1.5	16
123	Multiple unknown degradants generated from the insect repellent DEET by photoinduced processes on TiO₂. Journal of Mass Spectrometry, 2011, 46, 24-40.	1.6	30
124	Modelling On Photogeneration Of Hydroxyl Radical In Surface Waters And Its Reactivity Towards Pharmaceutical Wastes. , 2010, , .		0
125	Comparison of different probe molecules for the quantification of hydroxyl radicals in aqueous solution. Environmental Chemistry Letters, 2010, 8, 95-100.	16.2	33
126	Quantification of singlet oxygen and hydroxyl radicals upon UV irradiation of surface water. Environmental Chemistry Letters, 2010, 8, 193-198.	16.2	45

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127	Laboratory and field evidence of the photonitration of 4-chlorophenol to 2-nitro-4-chlorophenol and of the associated bicarbonate effect. Environmental Science and Pollution Research, 2010, 17, 1063-1069.	5.3	27
128	Photochemical generation of reactive species upon irradiation of rainwater: Negligible photoactivity of dissolved organic matter. Science of the Total Environment, 2010, 408, 3367-3373.	8.0	57
129	Evidence of the water-cage effect on the photolysis of NO3â˙ and FeOH2+. Implications of this effect and of H2O2 surface accumulation on photochemistry at the airâ€“water interface of atmospheric droplets. Atmospheric Environment, 2010, 44, 4859-4866.	4.1	71
130	Enhancement by anthraquinone-2-sulphonate of the photonitration of phenol by nitrite: Implication for the photoproduction of nitrogen dioxide by coloured dissolved organic matter in surface waters. Chemosphere, 2010, 81, 1401-1406.	8.2	17
131	Photo-oxidative degradation of toluene in aqueous media by hydroxyl radicals. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 215, 59-68.	3.9	52
132	An overview of possible processes able to account for the occurrence of nitro-PAHs in Antarctic particulate matter. Microchemical Journal, 2010, 96, 213-217.	4.5	18
133	Modelling the occurrence and reactivity of hydroxyl radicals in surface waters: implications for the fate of selected pesticides. International Journal of Environmental Analytical Chemistry, 2010, 90, 260-275.	3.3	34
134	The pH-dependent photochemistry of anthraquinone-2-sulfonate. Photochemical and Photobiological Sciences, 2010, 9, 323-330.	2.9	61
135	Effect of dissolved organic compounds on the photodegradation of the herbicide MCPA in aqueous solution. Water Research, 2010, 44, 6053-6062.	11.3	53
136	Phototransformation processes of 2,4-dinitrophenol, relevant to atmospheric water droplets. Chemosphere, 2010, 80, 753-758.	8.2	33
137	UVA irradiation induces direct phototransformation of 2,4-dinitrophenol in surface water samples. Chemosphere, 2010, 80, 759-763.	8.2	16
138	Effect of Fluorination on the Surface Properties of Titania P25 Powder: An FTIR Study. Langmuir, 2010, 26, 2521-2527.	3.5	117
139	Assessing the transformation kinetics of 2- and 4-nitrophenol in the atmospheric aqueous phase. Implications for the distribution of both nitroisomers in the atmosphere. Atmospheric Environment, 2009, 43, 2321-2327.	4.1	44
140	Suppression of inhibition of substrate photodegradation by scavengers of hydroxyl radicals: the solvent-cage effect of bromide on nitrate photolysis. Environmental Chemistry Letters, 2009, 7, 337-342.	16.2	23
141	Photostability and photolability of dissolved organic matter upon irradiation of natural water samples under simulated sunlight. Aquatic Sciences, 2009, 71, 34-45.	1.5	39
142	Modelling the occurrence and reactivity of the carbonate radical in surface freshwater. Comptes Rendus Chimie, 2009, 12, 865-871.	0.5	41
143	Pesticide by-products in the RhÃ´ne delta (Southern France). The case of 4-chloro-2-methylphenol and of its nitroderivative. Chemosphere, 2009, 74, 599-604.	8.2	68
144	Photocatalytic oxidation of dinitronaphthalenes: Theory and experiment. Chemosphere, 2009, 75, 1008-1014.	8.2	20

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145	Phototransformation of selected human-used macrolides in surface water: Kinetics, model predictions and degradation pathways. Water Research, 2009, 43, 1959-1967.	11.3	84
146	Inhibition vs. enhancement of the nitrate-induced phototransformation of organic substrates by the â€¢OH scavengers bicarbonate and carbonate. Water Research, 2009, 43, 4718-4728.	11.3	136
147	Bicarbonate-enhanced transformation of phenol upon irradiation of hematite, nitrate, and nitrite. Photochemical and Photobiological Sciences, 2009, 8, 91-100.	2.9	33
148	Photodegradation of nitrite in lake waters: role of dissolved organic matter. Environmental Chemistry, 2009, 6, 407.	1.5	23
149	Phenol transformation induced by UVA photolysis of the complex FeCl2+. Environmental Chemistry Letters, 2008, 6, 29-34.	16.2	18
150	Formation of Organobrominated Compounds in the Presence of Bromide under Simulated Atmospheric Aerosol Conditions. ChemSusChem, 2008, 1, 197-204.	6.8	29
151	Enhancement of dye sonochemical degradation by some inorganic anions present in natural waters. Applied Catalysis B: Environmental, 2008, 77, 308-316.	20.2	109
152	Solar driven production of toxic halogenated and nitroaromatic compounds in natural seawater. Science of the Total Environment, 2008, 398, 196-202.	8.0	67
153	Transformation of phenolic compounds upon UVA irradiation of anthraquinone-2-sulfonate. Photochemical and Photobiological Sciences, 2008, 7, 321-327.	2.9	46
154	Photodegradation of Cinnamic Acid in Different Media. Journal of Dispersion Science and Technology, 2008, 29, 641-652.	2.4	10
155	Photostability of Ferulic Acid and Its Antioxidant Activity Against Linoleic Acid Peroxidation. Journal of Dispersion Science and Technology, 2008, 29, 629-640.	2.4	9
156	Glycerol Transformation Through Photocatalysis: A Possible Route to Value Added Chemicals. Journal of Advanced Oxidation Technologies, 2008, 11, .	0.5	16
157	Photostability of Octylâ€Pâ€Methoxy Cinnamate in O/W Emulsions and in SLNs Vehicled in the Emulsions. Journal of Dispersion Science and Technology, 2007, 28, 1034-1043.	2.4	4
158	Study on the Photodegradation of Salicylic Acid in Different Vehicles in the Absence and in the Presence of TiO2. Journal of Dispersion Science and Technology, 2007, 28, 805-818.	2.4	21
159	Effect of selected organic and inorganic snow and cloud components on the photochemical generation of nitrite by nitrate irradiation. Chemosphere, 2007, 68, 2111-2117.	8.2	22
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