

Daniel Martire

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,272
citations

361045

20
h-index

360668

35
g-index

42
all docs

42
docs citations

42
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochemical fate of a mixture of emerging pollutants in the presence of humic substances. <i>Water Research</i> , 2012, 46, 4732-4740.	5.3	118
2	Novel Magnetite Nanoparticles Coated with Waste-Sourced Biobased Substances as Sustainable and Renewable Adsorbing Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1518-1524.	3.2	95
3	Reactivity of neonicotinoid insecticides with carbonate radicals. <i>Water Research</i> , 2012, 46, 3479-3489.	5.3	86
4	A combined theoretical and experimental study on the oxidation of fulvic acid by the sulfate radical anion. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 992-997.	1.6	85
5	Theoretical and Experimental Investigation on the Oxidation of Gallic Acid by Sulfate Radical Anions. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1188-1194.	1.1	82
6	Kinetic study of the reactions of oxoiron(IV) with aromatic substrates in aqueous solutions. <i>International Journal of Chemical Kinetics</i> , 2002, 34, 488-494.	1.0	71
7	Reactivity of hydroxyl radicals with neonicotinoid insecticides: mechanism and changes in toxicity. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1016-1023.	1.6	69
8	Reactions of carbon dioxide radical anion with substituted benzenes. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 300-309.	0.9	56
9	Photophysical Properties of Blue-Emitting Silicon Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13694-13702.	1.5	50
10	Reactivity of neonicotinoid pesticides with singlet oxygen. <i>Catalysis Today</i> , 2010, 151, 137-142.	2.2	46
11	Kinetics of the sulfate radical-mediated photooxidation of humic substances. <i>International Journal of Chemical Kinetics</i> , 2008, 40, 19-24.	1.0	45
12	Application of soluble bio-organic substances (SBO) as photocatalysts for wastewater treatment: Sensitizing effect and photo-Fenton-like process. <i>Catalysis Today</i> , 2013, 209, 176-180.	2.2	41
13	Chloride anion effect on the advanced oxidation processes of methidathion and dimethoate: Role of Cl [•] radical. <i>Water Research</i> , 2013, 47, 351-362.	5.3	39
14	Understanding the Parameters Affecting the Photoluminescence of Silicon Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11315-11325.	1.5	36
15	Trichloroacetic acid dehalogenation by reductive radicals. <i>Inorganica Chimica Acta</i> , 2007, 360, 1209-1216.	1.2	29
16	Evaluation of the Hg ²⁺ binding potential of fulvic acids from fluorescence excitation-emission matrices. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 384-392.	1.6	26
17	Reactions of Phosphate Radicals with Monosubstituted Benzenes. A Mechanistic Investigation. <i>Helvetica Chimica Acta</i> , 2003, 86, 2509-2524.	1.0	25
18	Reactions of Sulphate Radicals with Substituted Pyridines: A Structure-Reactivity Correlation Analysis. <i>ChemPhysChem</i> , 2007, 8, 2498-2505.	1.0	24

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19	Degradation of the Herbicides Clomazone, Paraquat, and Glyphosate by Thermally Activated Peroxydisulfate. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12858-12862.	2.4	23
20	Reaction kinetics and mechanisms of neonicotinoid pesticides with sulfate radicals. <i>New Journal of Chemistry</i> , 2011, 35, 672-680.	1.4	21
21	Kinetics of the interaction of sulfate and hydrogen phosphate radicals with small peptides of glycine, alanine, tyrosine and tryptophan. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 840.	1.6	20
22	Reduction of Mercury(II) by the Carbon Dioxide Radical Anion: A Theoretical and Experimental Investigation. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12845-12850.	1.1	20
23	Synthesis and Characterization of Butoxylated Silica Nanoparticles. Reaction with Benzophenone Triplet States. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7623-7628.	1.5	19
24	Photodegradation of Soil Organic Matter and its Effect on Gram-negative Bacterial Growth. <i>Photochemistry and Photobiology</i> , 2008, 84, 1126-1132.	1.3	18
25	Photoinduced Degradation of the Herbicide Clomazone Model Reactions for Natural and Technical Systems. <i>Photochemistry and Photobiology</i> , 2009, 85, 686-692.	1.3	18
26	Chemisorbed Thiols on Silica Particles: Characterization of Reactive Sulfur Species. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5080-5087.	1.5	11
27	Safranine-T Triplet-State Quenching by Modified Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18122-18130.	1.5	10
28	One-electron oxidation of antioxidants: A kinetic-thermodynamic correlation. <i>Redox Report</i> , 2013, 18, 205-209.	1.4	10
29	Singlet molecular oxygen generation and quenching by the antiglaucoma ophthalmic drugs, Timolol and Pindolol. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 788-792.	1.6	9
30	Water/Silica Nanoparticle Interfacial Kinetics of Sulfate, Hydrogen Phosphate, and Dithiocyanate Radicals. <i>Photochemistry and Photobiology</i> , 2005, 81, 1526.	1.3	9
31	Reactions of $\text{Cl}^{\bullet}/\text{Cl}_2^{\bullet-}$ Radicals with the Nanoparticle Silica Surface and with Humic Acids: Model Reactions for the Aqueous Phase Chemistry of the Atmosphere. <i>Photochemistry and Photobiology</i> , 2007, 83, 944-951.	1.3	9
32	Photolytic and Radiolytic Oxidation of Humic Acid. <i>Photochemistry and Photobiology</i> , 2012, 88, 810-815.	1.3	9
33	Triplet state of 4-methoxybenzyl alcohol chemisorbed on silica nanoparticles. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1032-1040.	1.6	8
34	Kinetic Studies on the Sulfate Radical-Initiated Polymerization of Vinyl Acetate and 4-Vinyl Pyridine in the Presence of Silica Nanoparticles. <i>Langmuir</i> , 2005, 21, 8001-8009.	1.6	7
35	Volume and enthalpy changes of peroxodiphosphate dissociation. <i>Chemical Physics Letters</i> , 2003, 373, 176-181.	1.2	5
36	Kinetic study of the oxidation of phenolic derivatives of 1,1,1-trifluorotoluene by singlet molecular oxygen [$\text{O}_2(^1\text{g})$] and hydrogen phosphate radicals. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 882-887.	1.6	4

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37	Alloxan-dialuric acid cycling: A complex redox mechanism. <i>Free Radical Research</i> , 2009, 43, 93-99.	1.5	4
38	A kinetic study of the reactions of sulfate and dihydrogen phosphate radicals with epicatechin, epicatechingallate, and epigallocatechingallate. <i>International Journal of Chemical Kinetics</i> , 2010, 42, 391-396.	1.0	4
39	Generation of Chemisorbed Benzyl Radicals on Silica Nanoparticles. <i>Photochemistry and Photobiology</i> , 2010, 86, 1208-1214.	1.3	4
40	Properties of singlet- and triplet-excited states of hemicyanine dyes. <i>Chemical Papers</i> , 2014, 68, .	1.0	4
41	Photolysis of polyphosphate ions in alkaline aqueous solution. <i>International Journal of Chemical Kinetics</i> , 2000, 32, 111-117.	1.0	2