Daniel Martire

List of Publications by Year
in descending order

41 papers	1,272 citations	361413 20 h-index	361022 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. Water Research, 2012, 46, 4732-4740.	11.3	118
2	Novel Magnetite Nanoparticles Coated with Waste-Sourced Biobased Substances as Sustainable and Renewable Adsorbing Materials. ACS Sustainable Chemistry and Engineering, 2014, 2, 1518-1524.	6.7	95
3	Reactivity of neonicotinoid insecticides with carbonate radicals. Water Research, 2012, 46, 3479-3489.	11.3	86
4	A combined theoretical and experimental study on the oxidation of fulvic acid by the sulfate radical anion. Photochemical and Photobiological Sciences, 2009, 8, 992-997.	2.9	85
5	Theoretical and Experimental Investigation on the Oxidation of Gallic Acid by Sulfate Radical Anions. Journal of Physical Chemistry A, 2008, 112, 1188-1194.	2.5	82
6	Kinetic study of the reactions of oxoiron(IV) with aromatic substrates in aqueous solutions. International Journal of Chemical Kinetics, 2002, 34, 488-494.	1.6	71
7	Reactivity of hydroxyl radicals with neonicotinoid insecticides: mechanism and changes in toxicity. Photochemical and Photobiological Sciences, 2009, 8, 1016-1023.	2.9	69
8	Reactions of carbon dioxide radical anion with substituted benzenes. Journal of Physical Organic Chemistry, 2001, 14, 300-309.	1.9	56
9	Photophysical Properties of Blue-Emitting Silicon Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 13694-13702.	3.1	50
10	Reactivity of neonicotinoid pesticides with singlet oxygen. Catalysis Today, 2010, 151, 137-142.	4.4	46
11	Kinetics of the sulfate radicalâ€mediated photoâ€oxidation of humic substances. International Journal of Chemical Kinetics, 2008, 40, 19-24.	1.6	45
12	Application of soluble bio-organic substances (SBO) as photocatalysts for wastewater treatment: Sensitizing effect and photo-Fenton-like process. Catalysis Today, 2013, 209, 176-180.	4.4	41
13	Chloride anion effect on the advanced oxidation processes of methidathion and dimethoate: Role of Cl2â•' radical. Water Research, 2013, 47, 351-362.	11.3	39
14	Understanding the Parameters Affecting the Photoluminescence of Silicon Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 11315-11325.	3.1	36
15	Trichloroacetic acid dehalogenation by reductive radicals. Inorganica Chimica Acta, 2007, 360, 1209-1216.	2.4	29
16	Evaluation of the Hg2+ binding potential of fulvic acids from fluorescence excitationâ€"emission matrices. Photochemical and Photobiological Sciences, 2013, 12, 384-392.	2.9	26
17	Reactions of Phosphate Radicals with Monosubstituted Benzenes. A Mechanistic Investigation. Helvetica Chimica Acta, 2003, 86, 2509-2524.	1.6	25
18	Reactions of Sulphate Radicals with Substituted Pyridines: A Structureâ€"Reactivity Correlation Analysis. ChemPhysChem, 2007, 8, 2498-2505.	2.1	24

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19	Degradation of the Herbicides Clomazone, Paraquat, and Glyphosate by Thermally Activated Peroxydisulfate. Journal of Agricultural and Food Chemistry, 2010, 58, 12858-12862.	5.2	23
20	Reaction kinetics and mechanisms of neonicotinoidpesticides with sulfate radicals. New Journal of Chemistry, 2011, 35, 672-680.	2.8	21
21	Kinetics of the interaction of sulfate and hydrogen phosphate radicals with small peptides of glycine, alanine, tyrosine and tryptophan. Photochemical and Photobiological Sciences, 2005, 4, 840.	2.9	20
22	Reduction of Mercury(II) by the Carbon Dioxide Radical Anion: A Theoretical and Experimental Investigation. Journal of Physical Chemistry A, 2010, 114, 12845-12850.	2.5	20
23	Synthesis and Characterization of Butoxylated Silica Nanoparticles. Reaction with Benzophenone Triplet States. Journal of Physical Chemistry C, 2007, 111, 7623-7628.	3.1	19
24	Photodegradation of Soil Organic Matter and its Effect on Gramâ€negative Bacterial Growth. Photochemistry and Photobiology, 2008, 84, 1126-1132.	2.5	18
25	Photoinduced Degradation of the Herbicide Clomazone Model Reactions for Natural and Technical Systems. Photochemistry and Photobiology, 2009, 85, 686-692.	2.5	18
26	Chemisorbed Thiols on Silica Particles: Characterization of Reactive Sulfur Species. Journal of Physical Chemistry C, 2010, 114, 5080-5087.	3.1	11
27	Safranine-T Triplet-State Quenching by Modified Silica Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 18122-18130.	3.1	10
28	One-electron oxidation of antioxidants: A kinetic-thermodynamic correlation. Redox Report, 2013, 18, 205-209.	4.5	10
29	Singlet molecular oxygen generation and quenching by the antiglaucoma ophthalmic drugs, Timolol and Pindolol. Photochemical and Photobiological Sciences, 2002, 1, 788-792.	2.9	9
30	Water/Silica Nanoparticle Interfacial Kinetics of Sulfate, Hydrogen Phosphate, and Dithiocyanate Radicals. Photochemistry and Photobiology, 2005, 81, 1526.	2.5	9
31	Reactions of Cl^{â€¢}/Cl₂^{â€¢â^'} Radicals with the Nanoparticle Silica Surface and with Humic Acids: Model Reactions for the Aqueous Phase Chemistry of the Atmosphere. Photochemistry and Photobiology, 2007, 83, 944-951.	2.5	9
32	Photolytic and Radiolytic Oxidation of Humic Acid^{â€}. Photochemistry and Photobiology, 2012, 88, 810-815.	2.5	9
33	Triplet state of 4-methoxybenzyl alcohol chemisorbed on silica nanoparticles. Photochemical and Photobiological Sciences, 2012, 11, 1032-1040.	2.9	8
34	Kinetic Studies on the Sulfate Radical-Initiated Polymerization of Vinyl Acetate and 4-Vinyl Pyridine in the Presence of Silica Nanoparticles. Langmuir, 2005, 21, 8001-8009.	3.5	7
35	Volume and enthalpy changes of peroxodiphosphate dissociation. Chemical Physics Letters, 2003, 373, 176-181.	2.6	5
36	Kinetic study of the oxidation of phenolic derivatives of Î±,Î±,Î±-trifluorotoluene by singlet molecular oxygen [O2(1Î”g)] and hydrogen phosphate radicals. Photochemical and Photobiological Sciences, 2003, 2, 882-887.	2.9	4

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37	Alloxan-dialuric acid cycling: A complex redox mechanism. Free Radical Research, 2009, 43, 93-99.	3.3	4
38	A kinetic study of the reactions of sulfate and dihydrogen phosphate radicals with epicatechin, epicatechingallate, and epigalocatechingallate. International Journal of Chemical Kinetics, 2010, 42, 391-396.	1.6	4
39	Generation of Chemisorbed Benzyl Radicals on Silica Nanoparticles. Photochemistry and Photobiology, 2010, 86, 1208-1214.	2.5	4
40	Properties of singlet- and triplet-excited states of hemicyanine dyes. Chemical Papers, 2014, 68, .	2.2	4
41	Photolysis of polyphosphate ions in alkaline aqueous solution. International Journal of Chemical Kinetics, 2000, 32, 111-117.	1.6	2