

Pedro Maximiliano David Gara

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

559
citations

687363

13
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

796
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.9	85
2	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.	2.5	82
3	Remediation of a soil chronically contaminated with hydrocarbons through persulfate oxidation and bioremediation. <i>Science of the Total Environment</i> , 2018, 618, 518-530.	8.0	64
4	Kinetics of the sulfate radical-mediated photooxidation of humic substances. <i>International Journal of Chemical Kinetics</i> , 2008, 40, 19-24.	1.6	45
5	Silicon Nanoparticle Photophysics and Singlet Oxygen Generation. <i>Langmuir</i> , 2010, 26, 10953-10960.	3.5	40
6	Photosensitized Generation of Singlet Oxygen from Re(I) Complexes: A Photophysical Study Using LIOAS and Luminescence Techniques. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4428-4435.	2.5	36
7	ROS enhancement by silicon nanoparticles in X-ray irradiated aqueous suspensions and in glioma C6 cells. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	34
8	Trichloroacetic acid dehalogenation by reductive radicals. <i>Inorganica Chimica Acta</i> , 2007, 360, 1209-1216.	2.4	29
9	Photophysical and Photochemical Properties of Naturally Occurring melinonine F and Melinonine F Alkaloids and Structurally Related N(2)-methylcarboline Derivatives. <i>Photochemistry and Photobiology</i> , 2018, 94, 36-51.	2.5	24
10	Photodegradation of Soil Organic Matter and its Effect on Gram-negative Bacterial Growth. <i>Photochemistry and Photobiology</i> , 2008, 84, 1126-1132.	2.5	18
11	Photoinduced Degradation of the Herbicide Clomazone Model Reactions for Natural and Technical Systems. <i>Photochemistry and Photobiology</i> , 2009, 85, 686-692.	2.5	18
12	DNA Oxidation Photoinduced by Norharmaline Rhenium(I) Polypyridyl Complexes: Effect of the Bidentate N,N'-Ligands on the Damage Profile. <i>Chemistry - A European Journal</i> , 2018, 24, 12902-12911.	3.3	16
13	Solvent Dependent Switching of ³ MLLCT and ¹ IL Luminescent States in [ClRe(CO) ₃ (Bathocuproinedisulfonate)] ²⁺ : Spectroscopic and Computational Study. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9661-9674.	2.5	13
14	Photothermal therapy with silver nanoplates in HeLa cells studied by <i>in situ</i> fluorescence microscopy. <i>Biomaterials Science</i> , 2021, 9, 2608-2619.	5.4	11
15	Transient spectroscopic characterization and theoretical modeling of fulvic acid radicals formed by UV-A radiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 571-579.	3.9	10
16	Reactions of Cl [•] /Cl ₂ [•] 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.	2.5	9
17	Photophysics, photochemistry and thermally-induced redox reactions of a (Pterin)rhenium(I) complex. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 147-156.	3.9	7
18	Photoacoustic and luminescence characterization of nitrogen heterocyclic aromatic UV-MALDI matrices in solution. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1062-1068.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Staphylococcus aureus biofilm eradication by the synergistic effect exerted by PEG-coated silicon dots immobilized in silica films and light irradiation. <i>Nanotechnology</i> , 2021, 32, 095105.	2.6	4
20	Photophysics and photochemistry of carminic acid and related natural pigments. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9534-9542.	2.8	3
21	Photophysical behavior of new acridine(1,8)dione dyes. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1968.	2.9	2
22	Solvent effects on the photophysical properties of Bu ₄ N[(4,4'-bpy)Re(CO) ₃ (bpy-5,5'-diCOO)] complex. A combined experimental and computational study. <i>Journal of Organometallic Chemistry</i> , 2016, 817, 26-35.	1.8	2
23	Luminescence properties and ROS generation of magnetic porous silicon nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 592, 124577.	4.7	2
24	Effects of organic matter addition on chronically hydrocarbon-contaminated soil. <i>Biodegradation</i> , 2021, 32, 145-163.	3.0	1
25	Sensitivity Improvement of an LPG-based Fiber Optic Humidity Sensor. , 2020, , .		0