

Maria Sandra Churio

List of Publications by Year in descending order

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36
papers

1,011
citations

471509

17
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Valorization of hop leaves for development of eco-friendly bee pesticides. <i>Apidologie</i> , 2021, 52, 186-198.	2.0	9
2	Early instability of MIL-125-NH ₂ in aqueous solution and mediation of the visible photogeneration of an NADH cofactor. <i>New Journal of Chemistry</i> , 2021, 45, 10277-10286.	2.8	5
3	Sensitized photo-oxidation of gadusol species mediated by singlet oxygen. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 213, 112078.	3.8	2
4	The effect of diet on <i>Apis mellifera</i> larval susceptibility to <i>Paenibacillus larvae</i> . <i>Journal of Apicultural Research</i> , 2020, 59, 817-824.	1.5	4
5	Medicinal cannabis: Pharmaceutical forms and recent analytical methodologies. <i>Comprehensive Analytical Chemistry</i> , 2020, , 31-63.	1.3	1
6	Chemical characterization and antimicrobial activity against <i>Paenibacillus larvae</i> of propolis from Buenos Aires province, Argentina. <i>Journal of Apicultural Research</i> , 2019, 58, 626-638.	1.5	13
7	Bacterioruberin extracts from a genetically modified hyperpigmented <i>Haloferax volcanii</i> strain: antioxidant activity and bioactive properties on sperm cells. <i>Journal of Applied Microbiology</i> , 2019, 126, 796-810.	3.1	47
8	Cannabinoids: Extraction Methods, Analysis, and Physicochemical Characterization. <i>Studies in Natural Products Chemistry</i> , 2019, 61, 143-173.	1.8	37
9	Photochemistry and Photophysics of Shinorine Dimethyl Ester. <i>Photochemistry and Photobiology</i> , 2018, 94, 829-833.	2.5	2
10	Photophysicochemical characterization of mycosporine-like amino acids in micellar solutions. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1117-1125.	2.9	6
11	Anthelmintic activity of glibenclamide on secondary cystic echinococcosis in mice. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006111.	3.0	6
12	Nanomaterials and natural products for UV-photoprotection. , 2016, , 359-392.		8
13	Two choices for the functionalization of silica nanoparticles with gallic acid: characterization of the nanomaterials and their antimicrobial activity against <i>Paenibacillus larvae</i> . <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	16
14	Computational Exploration of the Photoprotective Potential of Gadusol. <i>ChemistryOpen</i> , 2015, 4, 155-160.	1.9	26
15	Confocal Raman spectroscopy: In vivo biochemical changes in the human skin by topical formulations under UV radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 51-58.	3.8	23
16	Photochemistry and photophysics of mycosporine-like amino acids and gadusols, nature's ultraviolet screens. <i>Pure and Applied Chemistry</i> , 2015, 87, 979-996.	1.9	21
17	Influence of mycosporine-like amino acids and gadusol on the rheology and Raman spectroscopy of polymer gels. <i>Biorheology</i> , 2014, 51, 315-328.	0.4	3
18	Electrochemical Characterization of the Marine Antioxidant Gadusol. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	3

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19	UVB Photoprotective Role of Mycosporines in Yeast: Photostability and Antioxidant Activity of Mycosporine-Glutaminol-Glucoside. <i>Radiation Research</i> , 2011, 175, 44-50.	1.5	43
20	Photophysics and reductive quenching reactivity of gadusol in solution. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 133-142.	2.9	23
21	Antioxidant activity of gadusol and occurrence in fish roes from Argentine Sea. <i>Food Chemistry</i> , 2010, 119, 586-591.	8.2	34
22	Mycosporine-like amino acid content in the sea anemones <i>Aulactinia marplatensis</i> , <i>Oulactis muscosa</i> and <i>Anthothoe chilensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 216-221.	1.6	18
23	Application of photoacoustic calorimetry study for the determination of the partial volume and formation enthalpy of the $\text{SO}^{\cdot -}$ aqueous radical. <i>Chemical Physics Letters</i> , 2008, 463, 78-83.	2.6	0
24	Experimental study of the excited-state properties and photostability of the mycosporine-like amino acid palythine in aqueous solution. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 669.	2.9	76
25	Photocatalytic air oxidation of cyclohexane in $\text{CH}_2\text{Cl}_2/\text{C}_6\text{H}_{12}$ mixtures over TiO_2 particles. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 29-35.	4.8	29
26	The deactivation pathways of the excited-states of the mycosporine-like amino acids shinorine and porphyra-334 in aqueous solution. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 960.	2.9	140
27	Application of photoacoustic calorimetry to the determination of volume changes in reactions involving radical anions in aqueous solutions Dedicated to Professor Silvia Braslavsky, to mark her great contribution to photochemistry and photobiology particularly in the field of photothermal methods. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 754.	2.9	5
28	In Vitro cis \rightarrow trans Photoisomerization of Palythene and Usujirene. Implications on the In Vivo Transformation of Mycosporine-like Amino Acids. <i>Photochemistry and Photobiology</i> , 2003, 77, 146.	2.5	31
29	Determination of differential quantum yields in solution by electron paramagnetic resonance spectroscopy. <i>Applied Magnetic Resonance</i> , 2002, 22, 115-131.	1.2	1
30	The photoprotector mechanism of mycosporine-like amino acids. Excited-state properties and photostability of porphyra-334 in aqueous solution. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 56, 139-144.	3.8	213
31	Reaction volume and reaction enthalpy upon aqueous peroxodisulfate dissociation: $\text{S}_2\text{O}_8^{2-} \rightarrow 2\text{SO}_4^{\cdot -}$. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 2383-2387.	2.8	15
32	Primary Quantum Yield and Volume Change of Phytochrome-A Phototransformation Determined by Laser-Induced Optoacoustic Spectroscopy. <i>Photochemistry and Photobiology</i> , 1996, 63, 719-725.	2.5	32
33	On the yield of intermediates formed in the photoreduction of benzophenone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 99, 51-56.	3.9	24
34	Mechanism of chlorine dioxide photodissociation in condensed media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 101, 105-111.	3.9	17
35	Photochemical energy storage and volume changes in the microsecond time range in bacterial photosynthesis a laser induced optoacoustic study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 23, 79-85.	3.8	66
36	Criteria for selecting cure cycles in autoclave processing of graphite/epoxy composites. <i>Polymer Engineering and Science</i> , 1990, 30, 1140-1145.	3.1	11