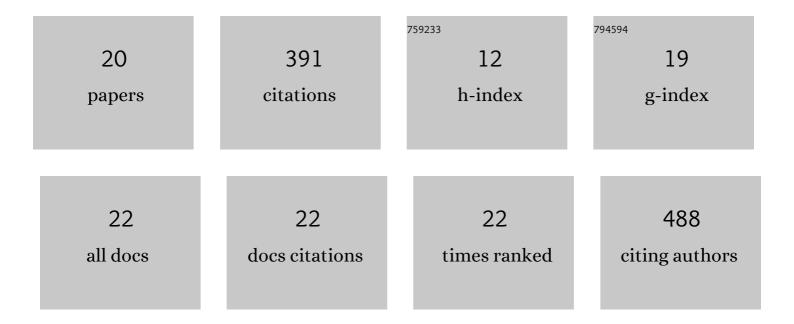
LetÃ-cia Christina Pires Gonçalves

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2967548/publications.pdf

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LETÃCIA CHRISTINA PIRES

#	Article	IF	CITATIONS
1	A comparative study of the purification of betanin. Food Chemistry, 2012, 131, 231-238.	8.2	73
2	Effect of dielectric microwave heating on the color and antiradical capacity of betanin. Journal of Food Engineering, 2013, 118, 49-55.	5.2	44
3	Beetroot-Pigment-Derived Colorimetric Sensor for Detection of Calcium Dipicolinate in Bacterial Spores. PLoS ONE, 2013, 8, e73701.	2.5	32
4	Photophysics and hydrolytic stability of betalains in aqueous trifluoroethanol. Monatshefte Für Chemie, 2013, 144, 567-571.	1.8	30
5	Mutagenesisâ€Independent Stabilization of Class B Flavin Monooxygenases in Operation. Advanced Synthesis and Catalysis, 2017, 359, 2121-2131.	4.3	28
6	A Nature-Inspired Betalainic Probe for Live-Cell Imaging of Plasmodium-Infected Erythrocytes. PLoS ONE, 2013, 8, e53874.	2.5	27
7	A metal-free blue chromophore derived from plant pigments. Science Advances, 2020, 6, eaaz0421.	10.3	24
8	Chemiexcitation and Its Implications for Disease. Trends in Molecular Medicine, 2018, 24, 527-541.	6.7	21
9	Morpholine-based buffers activate aerobic photobiocatalysis <i>via</i> spin correlated ion pair formation. Catalysis Science and Technology, 2019, 9, 1365-1371.	4.1	17
10	Boosting photobioredox catalysis by morpholine electron donors under aerobic conditions. Catalysis Science and Technology, 2019, 9, 2682-2688.	4.1	14
11	Phenolic betalain as antioxidants: <i>meta</i> means more. Pure and Applied Chemistry, 2020, 92, 243-253.	1.9	13
12	Singlet oxygen generation by the reaction of acrolein with peroxynitrite via a 2-hydroxyvinyl radical intermediate. Free Radical Biology and Medicine, 2020, 152, 83-90.	2.9	13
13	Triplet-Energy Quenching Functions of Antioxidant Molecules. Antioxidants, 2022, 11, 357.	5.1	13
14	Escherichia coli Fails to Efficiently Maintain the Activity of an Important Flavin Monooxygenase in Recombinant Overexpression. Frontiers in Microbiology, 2017, 8, 2201.	3.5	11
15	Sulfonylguanidine Derivatives as Potential Antimelanoma Agents. ChemMedChem, 2020, 15, 1113-1117.	3.2	9
16	Microwave-Assisted Extraction of Betalains. , 2017, , 245-268.		7
17	Photophysical properties and therapeutic use of natural photosensitizers. Journal of Photochemistry and Photobiology, 2021, 7, 100052.	2.5	6
18	Betalains: from the Colors of Beetroots to the Fluorescence of Flowers. Revista Virtual De Quimica, 2015, 7, .	0.4	5

#	Article	IF	CITATIONS
19	Arylbiamidines: synthesis and structural studies en route to anticancer applications. New Journal of Chemistry, 2021, 45, 11893-11897.	2.8	2
20	Reannotation of Fly Amanita <scp>l</scp> -DOPA Dioxygenase Gene Enables Its Cloning and Heterologous Expression. ACS Omega, 2022, 7, 16070-16079.	3.5	1