

# Letícia Christina Pires Gonçalves

## List of Publications by Year in descending order

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

Version: 2024-02-01

20  
papers

391  
citations

759233

12  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

488  
citing authors

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

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