

# Clementina M M Santos

## List of Publications by Year in descending order

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46  
papers

955  
citations

516710

16  
h-index

454955

30  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the synthesis of 4H-chromen-4-ones (2012 â 2021). <i>Advances in Heterocyclic Chemistry</i> , 2022, , .	1.7	1
2	SteroidâQuinoline Hybrids for Disruption and Reversion of Protein Aggregation Processes. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 443-448.	2.8	8
3	Cholesterol chemistry and laboratory synthesis. , 2022, , 3-24.		0
4	Inhibition of the carbohydrate-hydrolyzing enzymes Î±-amylase and Î±-glucosidase by hydroxylated xanthenes. <i>Food and Function</i> , 2022, 13, 7930-7941.	4.6	12
5	Eight-Membered Rings With One Oxygen Atom. , 2020, , 44-44.		0
6	A study towards drug discovery for the management of type 2 diabetes <i>mellitus</i> through inhibition of the carbohydrate-hydrolyzing enzymes Î±-amylase and Î±-glucosidase by chalcone derivatives. <i>Food and Function</i> , 2019, 10, 5510-5520.	4.6	41
7	Cholesterol-Based Compounds: Recent Advances in Synthesis and Applications. <i>Molecules</i> , 2019, 24, 116.	3.8	34
8	First intramolecular DielsâAlder reactions using chromone derivatives: synthesis of chromeno[3,4- <i>b</i> ]xanthenes and 2-(benzo[ <i>c</i> ]chromenyl)chromones. <i>New Journal of Chemistry</i> , 2018, 42, 4251-4260.	2.8	13
9	Six-Membered Ring Systems: With O and/or S Atoms. <i>Progress in Heterocyclic Chemistry</i> , 2018, 30, 427-491.	0.5	2
10	A comprehensive review on xanthone derivatives as Î±-glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 1460-1479.	5.5	139
11	An Overview of 2âStyrylchromones: Natural Occurrence, Synthesis, Reactivity and Biological Properties. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3115-3133.	2.4	52
12	2,3-Diarylxanthenes as Potential Inhibitors of Arachidonic Acid Metabolic Pathways. <i>Inflammation</i> , 2017, 40, 956-964.	3.8	12
13	1,6âConjugate Additions of Carbon Nucleophiles to 2â{(1- <i>E</i> ),3- <i>E</i> }âArylbuta-1,3âdienylâ4- <i>H</i> -chromen-4-ones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5293-5305.		
14	2â{(1- <i>E</i> ),3- <i>E</i> }âArylbuta-1,3âdienylâ4- <i>H</i> -chromen-4-ones as Dienes in DielsâAlder Reactions â Experimental and Computational Studies. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 87-101.	2.4	7
15	Synthesis of Chromone-Related Pyrazole Compounds. <i>Molecules</i> , 2017, 22, 1665.	3.8	33
16	Novel chromone and xanthone derivatives: Synthesis and ROS/RNS scavenging activities. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 381-392.	5.5	42
17	Arylxanthenes and arylacridones: a synthetic overview. <i>Pure and Applied Chemistry</i> , 2016, 88, 579-594.	1.9	5
18	Six-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2016, 28, 523-578.	0.5	1

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19	Characterization of 2,3-diarylxanthenones by electrospray mass spectrometry: gas-phase chemistry versus known antioxidant activity properties. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2228-2236.	1.5	3
20	(E)-2-(4-arylbutoxy)-3-cyano-1-ethylchromones as Synthons for the Synthesis of Xanthone-1,2,3-triazole Dyads. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4732-4743.	2.4	14
21	Six-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2015, 27, 465-529.	0.5	4
22	Inhibition of NF- $\kappa$ B Activation and Cytokines Production in THP-1 Monocytes by 2-Styrylchromones. <i>Medicinal Chemistry</i> , 2015, 11, 560-566.	1.5	15
23	Six-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2014, 26, 463-520.	0.5	3
24	Nuclear Magnetic Resonance Spectroscopy for Structural Characterization of Bioactive Compounds. <i>Comprehensive Analytical Chemistry</i> , 2014, 65, 149-191.	1.3	3
25	Chalcones as Versatile Synthons for the Synthesis of 5- and 6-membered Nitrogen Heterocycles. <i>Current Organic Chemistry</i> , 2014, 18, 2750-2775.	1.6	76
26	Synthesis and Transformation of Halochromones. <i>Current Organic Synthesis</i> , 2014, 11, 317-341.	1.3	20
27	Six-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2013, 25, 409-453.	0.5	5
28	Electrochemical characterization of bioactive hydroxyxanthenones by cyclic voltammetry. <i>Tetrahedron Letters</i> , 2013, 54, 85-90.	1.4	12
29	The dependence of $\dot{\text{I}}^{\pm}$ -tocopheroxyl radical reduction by hydroxy-2,3-diarylxanthenones on structure and micro-environment. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2068.	2.8	12
30	Six-Membered Ring Systems: With O and/or S Atoms. <i>Progress in Heterocyclic Chemistry</i> , 2012, 24, 443-492.	0.5	2
31	Tetrahydroquinazoline-substituted chromones from Diels-Alder reaction of (E)-2-styrylchromones and pyrimidine ortho-quinodimethane. <i>Tetrahedron Letters</i> , 2012, 53, 2722-2725.	1.4	5
32	Synthesis and structure elucidation of novel pyrazolyl-2-pyrazolines obtained by the reaction of 3-(3-aryl-3-oxopropenyl)chromen-4-ones with phenylhydrazine. <i>Arkivoc</i> , 2012, 2012, 265-281.	0.5	7
33	Structure-activity relationships in hydroxy-2,3-diarylxanthenone antioxidants. Fast kinetics spectroscopy as a tool to evaluate the potential for antioxidant activity in biological systems. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3965.	2.8	11
34	Synthesis of Novel 1-Aryl-9H-xanthen-9-ones. <i>Synlett</i> , 2011, 2011, 1403-1406.	1.8	1
35	2,3-Diarylxanthenones as strong scavengers of reactive oxygen and nitrogen species: A structure-activity relationship study. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6776-6784.	3.0	25
36	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. <i>Biochemical Pharmacology</i> , 2009, 78, 171-177.	4.4	37

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37	Efficient Syntheses of New Polyhydroxylated 2,3-Diaryl-9H-xanthen-9-ones. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2642-2660.	2.4	30
38	Dimethyldioxirane Oxidation of Exocyclic (E,E)-Cinnamylidene ketones. <i>Australian Journal of Chemistry</i> , 2009, 62, 82.	0.9	2
39	Cyclic voltammetric analysis of 2-styrylchromones: Relationship with the antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7939-7943.	3.0	35
40	A Novel and Efficient Route for the Synthesis of Hydroxylated 2,3-Diaryl xanthenes. <i>Synlett</i> , 2007, 2007, 3113-3116.	1.8	3
41	Epoxidation of (E,E)-Cinnamylideneacetophenones with Hydrogen Peroxide and Iodosylbenzene with Salen-Mn(III) as the Catalyst. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2877-2887.	2.4	25
42	2-Styrylchromones: Novel strong scavengers of reactive oxygen and nitrogen species. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6027-6036.	3.0	125
43	Epoxidation studies of 2-styrylchromones using Jacobsen's catalyst and hydrogen peroxide and iodosylbenzene as oxidants. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1319-1326.	2.6	9
44	New Synthesis of 2,3-Diaryl xanthenes. <i>Synlett</i> , 2005, 2005, 3095-3098.	1.8	2
45	Hepatoprotective activity of polyhydroxylated 2-styrylchromones against tert-butylhydroperoxide induced toxicity in freshly isolated rat hepatocytes. <i>Archives of Toxicology</i> , 2003, 77, 500-505.	4.2	31
46	2-Styrylchromones As Novel Inhibitors of Xanthine Oxidase. A Structure-activity Study. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2002, 17, 45-48.	5.2	31