

Vera L M Silva

List of Publications by Year in descending order

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60
papers

973
citations

430442

18
h-index

525886

27
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74
all docs

74
docs citations

74
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Current progress on antioxidants incorporating the pyrazole core. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 394-429.	2.6	79
2	Role of the Base and Control of Selectivity in the Suzuki–Miyaura Cross-Coupling Reaction. <i>ChemCatChem</i> , 2014, 6, 1291-1302.	1.8	54
3	A study towards drug discovery for the management of type 2 diabetes mellitus through inhibition of the carbohydrate-hydrolyzing enzymes α -amylase and α -glucosidase by chalcone derivatives. <i>Food and Function</i> , 2019, 10, 5510-5520.	2.1	41
4	Ohmic heating as a new efficient process for organic synthesis in water. <i>Green Chemistry</i> , 2013, 15, 970.	4.6	37
5	Dual-target compounds for Alzheimer's disease: Natural and synthetic AChE and BACE-1 dual-inhibitors and their structure-activity relationship (SAR). <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113492.	2.6	37
6	3(5)-(2-Hydroxyphenyl)-5(3)-styrylpyrazoles: Synthesis and Diels–Alder Transformations. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4348-4356.	1.2	35
7	Ohmic Heating: An Emerging Concept in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2017, 23, 7853-7865.	1.7	34
8	Synthesis of Chromone-Related Pyrazole Compounds. <i>Molecules</i> , 2017, 22, 1665.	1.7	33
9	Synthesis, Post-Modification and Fluorescence Properties of Boron Diketonate Complexes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3423-3426.	1.2	31
10	Ohmic Heating-Assisted Synthesis of 3-Arylquinolin-4(1 <i>H</i>)-ones by a Reusable and Ligand-Free Suzuki–Miyaura Reaction in Water. <i>Journal of Organic Chemistry</i> , 2015, 80, 6649-6659.	1.7	26
11	Natural and Biomimetic Antitumor Pyrazoles, A Perspective. <i>Molecules</i> , 2020, 25, 1364.	1.7	25
12	Palladium-Catalysed Synthesis and Transformation of Quinolones. <i>Molecules</i> , 2019, 24, 228.	1.7	22
13	Condensation of Chromone-3-carboxaldehyde with Phenylacetic Acids: An Efficient Synthesis of (E)-3-Styrylchromones. <i>Synlett</i> , 2004, 2004, 2717-2720.	1.0	21
14	Ohmic Heating and Ionic Liquids in Combination for the Indium-Promoted Synthesis of α -Halo Alkenyl Compounds: Applications to Pd-Catalysed Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 99-107.	1.2	21
15	Efficient Microwave-Assisted Synthesis of Tetrahydroindazoles and their Oxidation to Indazoles. <i>Synlett</i> , 2006, 2006, 1369-1373.	1.0	20
16	Microwave-Induced Synthesis and Regio- and Stereoselective Epoxidation of α -Styrylchromones. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1937-1946.	1.2	20
17	Synthesis, antibacterial and cytotoxic activities of new biflorin-based hydrazones and oximes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 435-439.	1.0	20
18	A 13 C NMR study of the structure of four cinnamic acids and their methyl esters. <i>Journal of Molecular Structure</i> , 2001, 595, 1-6.	1.8	19

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19	Novel (E)- and (Z)-3(5)-(2-hydroxyphenyl)-4-styrylpyrazoles from (E)- and (Z)-3-styrylchromones: the unexpected case of (E)-3(5)-(2-hydroxyphenyl)-4-(4-nitrostyryl)pyrazoles. <i>Tetrahedron Letters</i> , 2007, 48, 3859-3862.	0.7	19
20	Pyrazoles as novel protein tyrosine phosphatase 1B (PTP1B) inhibitors: An in vitro and in silico study. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 1171-1182.	3.6	19
21	Synthesis of New 1 <i>H</i> -indazoles through Diels-Alder Transformations of 4-Styrylpyrazoles under Microwave Irradiation Conditions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4468-4479.	1.2	18
22	The structure of azines derived from <i>C</i> -formyl- <i>H</i> -imidazoles in solution and in the solid state: tautomerism, configurational and conformational studies. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 203-221.	1.1	18
23	Synthesis of (E)-2-Styrylchromones and Flavones by Base-Catalyzed Cyclodehydration of the Appropriate 1 ² -Diketones Using Water as Solvent. <i>Molecules</i> , 2015, 20, 11418-11431.	1.7	18
24	Therapeutic Potential of Glycosyl Flavonoids as Anti-Coronaviral Agents. <i>Pharmaceuticals</i> , 2021, 14, 546.	1.7	18
25	Dimethyldioxirane Oxidation of (E,E)-Cinnamylideneacetophenones. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3213.	1.2	15
26	A green and sustainable method for the oxidation of 1,3-dihydrobenzo[<i>c</i>]thiophenes to sulfones using metalloporphyrin complexes. <i>Catalysis Communications</i> , 2014, 56, 68-71.	1.6	15
27	Ohmic heating assisted synthesis of coumarinyl porphyrin derivatives. <i>RSC Advances</i> , 2015, 5, 66192-66199.	1.7	15
28	Synthesis and Pharmacological Evaluation of Chlorinated N-Alkyl-3- and -5-(2-hydroxyphenyl)pyrazoles as CB 1 Cannabinoid Ligands. <i>Monatshefte für Chemie</i> , 2007, 138, 797-811.	0.9	14
29	Synthesis of (E)- and (Z)-3(5)-(2-hydroxyphenyl)-4-styrylpyrazoles. <i>Monatshefte für Chemie</i> , 2009, 140, 87-95.	0.9	13
30	Ionic Liquids and Ohmic Heating in Combination for Pd-Catalyzed Cross-Coupling Reactions: Sustainable Synthesis of Flavonoids. <i>Molecules</i> , 2020, 25, 1564.	1.7	13
31	Synthesis and pharmacological evaluation of new (E)- and (Z)-3-aryl-4-styryl-1 <i>H</i> -pyrazoles as potential cannabinoid ligands. <i>Arkivoc</i> , 2010, 2010, 226-247.	0.3	12
32	Syntheses of (E)- and (Z)-3-styrylchromones. <i>Monatshefte für Chemie</i> , 2008, 139, 1307-1315.	0.9	11
33	Diels-Alder Reactions of (E)-2-Styrylquinolin-4(1 <i>H</i>)-ones with N-Methylmaleimide: New Syntheses of Acridin-9(10 <i>H</i>)-ones. <i>Synlett</i> , 2012, 23, 889-892.	1.0	11
34	Synthesis of 3-(2-nitrovinyl)-4 <i>H</i> -chromones: useful scaffolds for the construction of biologically relevant 3-(pyrazol-5-yl)chromones. <i>Tetrahedron</i> , 2016, 72, 3198-3203.	1.0	11
35	Styrylpyrazoles: Properties, Synthesis and Transformations. <i>Molecules</i> , 2020, 25, 5886.	1.7	11
36	Synthesis of (E)-3-Styrylquinolin-4(1 <i>H</i>)-ones in Water by Ohmic Heating: a Comparison with Other Methodologies. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2888-2896.	1.2	10

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37	Pyrazoles as Key Scaffolds for the Development of Fluorine-18-Labeled Radiotracers for Positron Emission Tomography (PET). <i>Molecules</i> , 2020, 25, 1722.	1.7	10
38	New Synthesis of 2,3-Diarylacridin-9(10H)-ones and (E)-2-Phenyl-4-styrylfuro[3,2-c]quinolines. <i>Synlett</i> , 2010, 2010, 2565-2570.	1.0	9
39	(E)-3-Halo-2-styryl-4H-chromen-4-ones: synthesis and transformation to novel pyrazoles. <i>Tetrahedron</i> , 2013, 69, 9701-9709.	1.0	9
40	Synthesis of Pyridyl and N-Methylpyridinium Analogues of Rosamines: Relevance of Solvent and Charge on Their Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 15073-15082.	1.7	9
41	Synthesis of new pyrazole-1,2,3-triazole dyads. <i>Tetrahedron Letters</i> , 2013, 54, 5391-5394.	0.7	8
42	Synthesis of 2-aryl-furo[3,2-c]quinolines from quinolone-based chalcones and evaluation of their antioxidant and anticholinesterase activities. <i>New Journal of Chemistry</i> , 2020, 44, 6501-6509.	1.4	8
43	New synthetic methods for 2,3-diarylacridin-9(10H)-one and (E)-2-aryl-4-styrylfuro[3,2-c]quinoline derivatives. <i>Tetrahedron</i> , 2014, 70, 5310-5320.	1.0	7
44	Lewis Acid Catalyzed Diels-Alder Reactions of (E)-1-Methyl-2-styrylquinolin-4(1H)-ones with ortho-Benzoquinodimethane: Synthesis of New 2-(3-Arylnaphthalen-2-yl)-1-methylquinolin-4(1H)-ones. <i>Synthesis</i> , 2016, 48, 4519-4524.	1.2	7
45	Ru(II) trithiacyclononane 5-(2-hydroxyphenyl)-3-[(4-methoxystyryl)pyrazole], a complex with facile synthesis and high cytotoxicity against PC-3 and MDA-MB-231 cells. <i>Complex Metals: an Open Access Journal</i> , 2014, 1, 7-12.	0.6	6
46	An Example of Polynomial Expansion: The Reaction of 3(5)-Methyl-1H-Pyrazole with Chloroform and Characterization of the Four Isomers. <i>Molecules</i> , 2019, 24, 568.	1.7	6
47	An In Silico and an In Vitro Inhibition Analysis of Glycogen Phosphorylase by Flavonoids, Styrylchromones, and Pyrazoles. <i>Nutrients</i> , 2022, 14, 306.	1.7	6
48	The structures of two aldazines: [1,1'-bis(2-ethylhydrazine)-1,2'-diylidenebis(methanocyclylidene)dinaphthalen-2,2'-diyl] (Lumogen) and 2,2'-bis(1-ethylhydrazine)-1,2'-diylidenebis(methanocyclylidene)diphenol (salicylaldazine) in the solid state and in solution. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 530-540.		
49	Arylxanthenes and arylacridones: a synthetic overview. <i>Pure and Applied Chemistry</i> , 2016, 88, 579-594.	0.9	5
50	Novel styrylpyrazole-glucosides and their dioxolo-bridged doppelgangers: synthesis and cytotoxicity. <i>New Journal of Chemistry</i> , 2019, 43, 8299-8310.	1.4	5
51	Chalcones as Modulators of Neutrophil Oxidative Burst under Physiological and High Glucose Conditions. <i>Journal of Natural Products</i> , 2020, 83, 3131-3140.	1.5	5
52	Chalcones as Scavengers of HOCl and Inhibitors of Oxidative Burst: Structure-Activity Relationship Studies. <i>Medicinal Chemistry</i> , 2022, 18, 88-96.	0.7	5
53	Syntheses of Novel (E)-N-Methyl-2-styryl-4-quinolones. <i>Synlett</i> , 2008, 2008, 2593-2596.	1.0	4
54	Exploring the Reactivity of (E)-3(5)-(2-Hydroxyphenyl)-5(3)-styryl-1H-pyrazoles as Dienes in the Diels-Alder Reaction: A New Synthesis of 1H-Indazoles. <i>Synlett</i> , 2015, 26, 945-949.	1.0	4

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55	Metal-Catalysed Cross-Coupling Reactions in the Synthesis and Transformations of Quinolones and Acridones. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 159-229.	0.2	3
56	Customizable and Regioselective One-Pot N ³ H Functionalization of DNA Nucleobases to Create a Library of Nucleobase Derivatives for Biomedical Applications. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4423-4433.	1.2	3
57	Special Issue "Recent Advances in the Synthesis, Functionalization and Applications of Pyrazole-Type Compounds". <i>Molecules</i> , 2021, 26, 4989.	1.7	3
58	Revisiting the Chemistry of Vinylpyrazoles: Properties, Synthesis, and Reactivity. <i>Molecules</i> , 2022, 27, 3493.	1.7	3
59	A structural study of new tetrakis(1H-pyrazol-1-yl)methanes. <i>Tetrahedron</i> , 2019, 75, 130690.	1.0	2
60	Frontispiece: Ohmic Heating: An Emerging Concept in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0