Lisa Ivy Pilkington

List of Publications by Year
in descending order

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Version: 2024-02-01

70	689	623734	713466
papers	citations	14 h-index	21 g-index

76	76	76	852
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and biology of 1,4-benzodioxane lignan natural products. Natural Product Reports, 2015, 32, 1369-1388.	10.3	41
2	Asymmetric Synthesis and CD Investigation of the 1,4-Benzodioxane Lignans Eusiderins A, B, C, G, L, and M. Journal of Organic Chemistry, 2012, 77, 8156-8166.	3.2	39
3	A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. MedChemComm, 2015, 6, 1987-1997.	3.4	39
4	Thieno[2,3-b]pyridine derivatives are potent anti-platelet drugs, inhibiting platelet activation, aggregation and showing synergy with aspirin. European Journal of Medicinal Chemistry, 2018, 143, 1997-2004.	5.5	27
5	Lignans: A Chemometric Analysis. Molecules, 2018, 23, 1666.	3.8	23
6	A novel electrochemical conducting polymer sensor for the rapid, selective and sensitive detection of biothiols. Polymer Chemistry, 2022, 13, 508-516.	3.9	23
7	Enantioselective Synthesis, Stereochemical Correction, and Biological Investigation of the Rodgersinine Family of 1,4-Benzodioxane Neolignans. Organic Letters, 2015, 17, 1046-1049.	4.6	21
8	Total Synthesis of (â€“)â€•soamericanin A and (+)â€•soamericanol A. European Journal of Organic Chemistry, 2014, 2014, 1037-1046.	2.4	19
9	Synthesis and cytotoxicity of thieno[2,3-b]quinoline-2-carboxamide and cycloalkyl[b]thieno[3,2-e]pyridine-2-carboxamide derivatives. Bioorganic and Medicinal Chemistry, 2016, 24, 1142-1154.	3.0	19
10	An account of strategies and innovations for teaching chemistry during the <scp>COVID</scp>â€•19 pandemic. Biochemistry and Molecular Biology Education, 2021, 49, 320-322.	1.2	19
11	Optimization of Ecofriendly Extraction of Bioactive Monomeric Phenolics and Useful Flavor Precursors from Grape Waste. ACS Sustainable Chemistry and Engineering, 2016, 4, 5060-5067.	6.7	17
12	A Chemometric Analysis of Deep-Sea Natural Products. Molecules, 2019, 24, 3942.	3.8	17
13	Investigation into Improving the Aqueous Solubility of the Thieno[2,3-b]pyridine Anti-Proliferative Agents. Molecules, 2018, 23, 145.	3.8	15
14	1,4-Benzodioxane Lignans: An Efficient, Asymmetric Synthesis of Flavonolignans and Study of Neolignan Cytotoxicity and Antiviral Profiles. Journal of Natural Products, 2018, 81, 2630-2637.	3.0	14
15	Glycosphingolipid expression at breast cancer stem cells after novel thieno[2,3-b]pyridine anticancer compound treatment. Scientific Reports, 2020, 10, 11876.	3.3	14
16	Synthesis of aza-derivatives of tetrahydrofuran lignan natural products. Tetrahedron, 2015, 71, 9439-9456.	1.9	13
17	Enantioselective Synthesis of 2,3-Disubstituted Benzomorpholines: Analogues of Lignan Natural Products. Journal of Organic Chemistry, 2016, 81, 12012-12022.	3.2	13
18	Synthesis of N -benzyl-des- D -ring lamellarin K via an acyl-Claisen/Paal-Knorr approach. Tetrahedron, 2017, 73, 1881-1894.	1.9	13

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19	Synthesis and antiproliferative activity of 2-chlorophenyl carboxamide thienopyridines. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 135-138.	2.2	13
20	GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents. Molecules, 2017, 22, 2254.	3.8	12
21	Stereoselective Total Synthesis of (+)-Aristolactam GI. Journal of Organic Chemistry, 2019, 84, 5747-5756.	3.2	12
22	Synthesis of grafted poly(p- phenyleneethynylene) via ARGET ATRP: Towards nonaggregating and photoluminescence materials. European Polymer Journal, 2017, 89, 263-271.	5.4	11
23	Novel Cell-Penetrating Peptide Conjugated Proteasome Inhibitors: Anticancer and Antifungal Investigations. Journal of Medicinal Chemistry, 2020, 63, 334-348.	6.4	11
24	Validating TDP1 as an Inhibition Target for the Development of Chemosensitizers for Camptothecin-Based Chemotherapy Drugs. Oncology and Therapy, 2021, 9, 541-556.	2.6	11
25	Principal Component Analysis to Determine the Surface Properties That Influence the Self-Cleaning Action of Hydrophobic Plant Leaves. Langmuir, 2021, 37, 8177-8189.	3.5	11
26	Conducting Polymer-Coated Carbon Cloth Captures and Releases Extracellular Vesicles by a Rapid and Controlled Redox Process. ACS Applied Materials & Interfaces, 2022, 14, 32880-32889.	8.0	11
27	Identification of in situ flower volatiles from kiwifruit (Actinidia chinensis var. deliciosa) cultivars and their male pollenisers in a New Zealand orchard. Phytochemistry, 2017, 141, 61-69.	2.9	10
28	Facile gas chromatographyâ€“tandem mass spectrometry stable isotope dilution method for the quantification of sesquiterpenes in grape. Journal of Chromatography A, 2018, 1537, 91-98.	3.7	10
29	A new analytical method to measure Sâ€methylâ€<scp>l</scp>â€methionine in grape juice reveals the influence of yeast on dimethyl sulfide production during fermentation. Journal of the Science of Food and Agriculture, 2019, 99, 6944-6953.	3.5	10
30	Discovery of novel phosphatidylcholine-specific phospholipase C drug-like inhibitors as potential anticancer agents. European Journal of Medicinal Chemistry, 2020, 187, 111919.	5.5	10
31	Synthesis of 3-Methylobovatol. Synlett, 2015, 26, 2425-2428.	1.8	9
32	Modular Synthesis and Biological Investigation of 5-Hydroxymethyl Dibenzyl Butyrolactones and Related Lignans. Molecules, 2018, 23, 3057.	3.8	9
33	The cytotoxic potential of cationic triangulenes against tumour cells. MedChemComm, 2019, 10, 1881-1891.	3.4	9
34	Development of 2-Morpholino-N-hydroxybenzamides as anti-proliferative PC-PLC inhibitors. Bioorganic Chemistry, 2021, 114, 105152.	4.1	9
35	Poly(para-phenylene ethynylene) (PPE)- and poly(para-phenylene vinylene) (PPV)-poly[(2-(methacryloyloxy)ethyl) trimethylammonium chloride] (PMETAC) graft copolymers exhibit selective antimicrobial activity. European Polymer Journal, 2018, 98, 368-374.	5.4	8
36	Iterative synthetic strategies and gene deletant experiments enable the first identification of polysulfides in Saccharomyces cerevisiae. Chemical Communications, 2019, 55, 8868-8871.	4.1	8

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37	Development, synthesis and biological investigation of a novel class of potent PC-PLC inhibitors. European Journal of Medicinal Chemistry, 2020, 191, 112162.	5.5	8
38	Synthesis of 3-Amino-2-carboxamide Tetrahydropyrrolo[2,3-b]quinolines. Synlett, 2016, 27, 2811-2814.	1.8	7
39	Enantioselective synthesis of BE ring analogues of methyllycaconitine. Tetrahedron, 2016, 72, 400-414.	1.9	7
40	Efficient Total Synthesis of (Â±)-Isoguaiacin and (Â±)-Isogalbulin. Synlett, 2017, 28, 1449-1452.	1.8	7
41	Synthesis and Biological Testing of Ester Pheromone Analogues for Two Fruitworm Moths (Carposinidae). Journal of Agricultural and Food Chemistry, 2020, 68, 9557-9567.	5.2	6
42	Synthesis and Antibacterial Analysis of Analogues of the Marine Alkaloid Pseudoceratidine. Molecules, 2020, 25, 2713.	3.8	6
43	Fluorinated O-phenylserine residues enhance the broad-spectrum antimicrobial activity of ultrashort cationic lipopeptides. Journal of Fluorine Chemistry, 2021, 241, 109685.	1.7	6
44	Tethered Aryl Groups Increase the Activity of Anti-Proliferative Thieno[2,3-b]Pyridines by Targeting a Lipophilic Region in the Active Site of PI-PLC. Pharmaceutics, 2021, 13, 2020.	4.5	6
45	Polyâ€pâ€phenylenevinyleneâ€gâ€poly(2â€(methacryloyloxy)Ethyl)trimethylammonium chloride (PPVâ€gâ€PMETAC): A fluorescent, waterâ€soluble, selective anion sensor. Journal of Polymer Science Part A, 2018, 56, 1997-2003.	2.3	5
46	Effect of antioxidant supplementation on the polysulfides of white wines. LWT - Food Science and Technology, 2020, 134, 110132.	5.2	5
47	Total Asymmetric Synthesis and Stereochemical Confirmation of (+)- and (â^')-Lyoniresinol and Its Deuterated Analogues. Journal of Organic Chemistry, 2022, 87, 4254-4262.	3.2	5
48	Synthesis and biological activity of benzamide DNA minor groove binders. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 804-808.	2.2	4
49	Lifestyle, Lineage, and Geographical Origin Influence Temperature-Dependent Phenotypic Variation across Yeast Strains during Wine Fermentation. Microorganisms, 2020, 8, 1367.	3.6	4
50	First synthesis of 3-S-glutathionylhexanal-d and its bisulfite adduct. Tetrahedron Letters, 2020, 61, 152100.	1.4	4
51	An optimised MALDI-TOF assay for phosphatidylcholine-specific phospholipase C. Analytical Methods, 2021, 13, 491-496.	2.7	4
52	Synthesis of Benzodioxane and Benzofuran Scaffolds Found in Neolignans via TMS Triflate Mediated Addition to 1,4-BenzoÂdioxane Hemiacetals. Synthesis, 2017, 49, 1190-1205.	2.3	3
53	A Chemometric Analysis of Compounds from Native New Zealand Medicinal Flora. Chemistry - an Asian Journal, 2019, 14, 1117-1127.	3.3	3
54	Improving the solubility of anti-proliferative thieno[2,3-b]quinoline-2-carboxamides. Bioorganic and Medicinal Chemistry, 2021, 37, 116092.	3.0	3

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55	Unraveling the Mystery of 3-Sulfanylhexan-1-ol: The Evolution of Methodology for the Analysis of Precursors to 3-Sulfanylhexan-1-ol in Wine. Foods, 2022, 11, 2050.	4.3	3
56	Total synthesis of panicein A2. Beilstein Journal of Organic Chemistry, 2015, 11, 1991-1996.	2.2	2
57	Antimicrobial synergy of cationic grafted poly(para-phenylene ethynylene) and poly(para-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlo 23433-23441.	3.6	2
58	Synthesis and Use of Ethyl 6-Acetyloxyhexanoate as an Internal Standard: An Interdisciplinary Experiment for an Undergraduate Chemistry Laboratory. Journal of Chemical Education, 2020, 97, 3847-3851.	2.3	2
59	Thieno[2,3-b]Pyridine Derivative Targets Epithelial, Mesenchymal and Hybrid CD15s+ Breast Cancer Cells. Medicines (Basel, Switzerland), 2021, 8, 32.	1.4	2
60	New Precursors to 3-Sulfanylhexan-1-ol? Investigating the Ketoâ€“Enol Tautomerism of 3-S-Glutathionylhexanal. Molecules, 2021, 26, 4261.	3.8	2
61	Differential engulfment of and by monocyte-derived macrophages is associated with altered phagocyte biochemistry and morphology. EXCLI Journal, 2020, 19, 1372-1384.	0.7	2
62	The enantioselective total syntheses of (+)-7-oxohinokinin, (+)-7-oxoarcitin, (+)-conicaol B and (â˜')-isopolygamain. Organic and Biomolecular Chemistry, 2022, 20, 4324-4330.	2.8	2
63	Towards the Use of Natural Compounds for Crop Protection and Food Safety. Foods, 2022, 11, 648.	4.3	2
64	Effects of Neutral, Anionic and Cationic Polymer Brushes Grafted from Poly(para-phenylene vinylene) and Poly(para-phenylene ethynylene) on the Polymerâ€™s Photoluminescent Properties. Polymers, 2022, 14, 2767.	4.5	2
65	Attempts to Create Products with Increased Health-Promoting Potential Starting with Pinot Noir Pomace: Investigations on the Process and Its Methods. Foods, 2022, 11, 1999.	4.3	2
66	Stereoselective Synthesis of the Spirocyclic Ring System of the Sesquiterpene Spirolepechinene. Asian Journal of Organic Chemistry, 2019, 8, 462-465.	2.7	1
67	Incorporation of a Nitric Oxide Donating Motif into Novel PC-PLC Inhibitors Provides Enhanced Anti-Proliferative Activity. International Journal of Molecular Sciences, 2021, 22, 11518.	4.1	1
68	Disruption of Crystal Packing in Thieno[2,3-b]pyridines Improves Anti-Proliferative Activity. Molecules, 2022, 27, 836.	3.8	1
69	Interâ€regional survey of the New Zealand Pinot noir fermentative sulfur compounds profile. Journal of the Science of Food and Agriculture, 2021, 101, 947-951.	3.5	0
70	Synthesis and Electrophysiological Testing of Carbonyl Pheromone Analogues for Carposinid Moths. ACS Omega, 2021, 6, 21016-21023.	3.5	0