

# Lisa Ivy Pilkington

## List of Publications by Year in descending order

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70  
papers

689  
citations

623188

14  
h-index

713013

21  
g-index

76  
all docs

76  
docs citations

76  
times ranked

852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and biology of 1,4-benzodioxane lignan natural products. <i>Natural Product Reports</i> , 2015, 32, 1369-1388.	5.2	41
2	Asymmetric Synthesis and CD Investigation of the 1,4-Benzodioxane Lignans Eusiderins A, B, C, G, L, and M. <i>Journal of Organic Chemistry</i> , 2012, 77, 8156-8166.	1.7	39
3	A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. <i>MedChemComm</i> , 2015, 6, 1987-1997.	3.5	39
4	Thieno[2,3-b]pyridine derivatives are potent anti-platelet drugs, inhibiting platelet activation, aggregation and showing synergy with aspirin. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1997-2004.	2.6	27
5	Lignans: A Chemometric Analysis. <i>Molecules</i> , 2018, 23, 1666.	1.7	23
6	A novel electrochemical conducting polymer sensor for the rapid, selective and sensitive detection of biothiols. <i>Polymer Chemistry</i> , 2022, 13, 508-516.	1.9	23
7	Enantioselective Synthesis, Stereochemical Correction, and Biological Investigation of the Rodgersinine Family of 1,4-Benzodioxane Neolignans. <i>Organic Letters</i> , 2015, 17, 1046-1049.	2.4	21
8	Total Synthesis of (–)-Isoamericanin A and (+)-Isoamericanol A. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1037-1046.	1.2	19
9	Synthesis and cytotoxicity of thieno[2,3-b]quinoline-2-carboxamide and cycloalkyl[b]thieno[3,2-e]pyridine-2-carboxamide derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1142-1154.	1.4	19
10	An account of strategies and innovations for teaching chemistry during the COVID-19 pandemic. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 320-322.	0.5	19
11	Optimization of Ecofriendly Extraction of Bioactive Monomeric Phenolics and Useful Flavor Precursors from Grape Waste. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5060-5067.	3.2	17
12	A Chemometric Analysis of Deep-Sea Natural Products. <i>Molecules</i> , 2019, 24, 3942.	1.7	17
13	Investigation into Improving the Aqueous Solubility of the Thieno[2,3-b]pyridine Anti-Proliferative Agents. <i>Molecules</i> , 2018, 23, 145.	1.7	15
14	1,4-Benzodioxane Lignans: An Efficient, Asymmetric Synthesis of Flavonolignans and Study of Neolignan Cytotoxicity and Antiviral Profiles. <i>Journal of Natural Products</i> , 2018, 81, 2630-2637.	1.5	14
15	Glycosphingolipid expression at breast cancer stem cells after novel thieno[2,3-b]pyridine anticancer compound treatment. <i>Scientific Reports</i> , 2020, 10, 11876.	1.6	14
16	Synthesis of aza-derivatives of tetrahydrofuran lignan natural products. <i>Tetrahedron</i> , 2015, 71, 9439-9456.	1.0	13
17	Enantioselective Synthesis of 2,3-Disubstituted Benzomorpholines: Analogues of Lignan Natural Products. <i>Journal of Organic Chemistry</i> , 2016, 81, 12012-12022.	1.7	13
18	Synthesis of N-benzyl-des-D-ring lamellarin K via an acyl-Claisen/Paal-Knorr approach. <i>Tetrahedron</i> , 2017, 73, 1881-1894.	1.0	13

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19	Synthesis and antiproliferative activity of 2-chlorophenyl carboxamide thienopyridines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 135-138.	1.0	13
20	GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents. <i>Molecules</i> , 2017, 22, 2254.	1.7	12
21	Stereoselective Total Synthesis of (+)-Aristolactam G1. <i>Journal of Organic Chemistry</i> , 2019, 84, 5747-5756.	1.7	12
22	Synthesis of grafted poly( p- phenyleneethynylene) via ARGET ATRP: Towards nonaggregating and photoluminescence materials. <i>European Polymer Journal</i> , 2017, 89, 263-271.	2.6	11
23	Novel Cell-Penetrating Peptide Conjugated Proteasome Inhibitors: Anticancer and Antifungal Investigations. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 334-348.	2.9	11
24	Validating TDP1 as an Inhibition Target for the Development of Chemosensitizers for Camptothecin-Based Chemotherapy Drugs. <i>Oncology and Therapy</i> , 2021, 9, 541-556.	1.0	11
25	Principal Component Analysis to Determine the Surface Properties That Influence the Self-Cleaning Action of Hydrophobic Plant Leaves. <i>Langmuir</i> , 2021, 37, 8177-8189.	1.6	11
26	Conducting Polymer-Coated Carbon Cloth Captures and Releases Extracellular Vesicles by a Rapid and Controlled Redox Process. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 32880-32889.	4.0	11
27	Identification of in situ flower volatiles from kiwifruit ( <i>Actinidia chinensis</i> var. <i>deliciosa</i> ) cultivars and their male pollenisers in a New Zealand orchard. <i>Phytochemistry</i> , 2017, 141, 61-69.	1.4	10
28	Facile gas chromatography-tandem mass spectrometry stable isotope dilution method for the quantification of sesquiterpenes in grape. <i>Journal of Chromatography A</i> , 2018, 1537, 91-98.	1.8	10
29	A new analytical method to measure S-methylmethionine in grape juice reveals the influence of yeast on dimethyl sulfide production during fermentation. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 6944-6953.	1.7	10
30	Discovery of novel phosphatidylcholine-specific phospholipase C drug-like inhibitors as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111919.	2.6	10
31	Synthesis of 3-Methylbovatol. <i>Synlett</i> , 2015, 26, 2425-2428.	1.0	9
32	Modular Synthesis and Biological Investigation of 5-Hydroxymethyl Dibenzyl Butyrolactones and Related Lignans. <i>Molecules</i> , 2018, 23, 3057.	1.7	9
33	The cytotoxic potential of cationic triangulenes against tumour cells. <i>MedChemComm</i> , 2019, 10, 1881-1891.	3.5	9
34	Development of 2-Morpholino-N-hydroxybenzamides as anti-proliferative PC-PLC inhibitors. <i>Bioorganic Chemistry</i> , 2021, 114, 105152.	2.0	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. <i>European Polymer Journal</i> , 2018, 98, 368-374.	2.6	8
36	Iterative synthetic strategies and gene deletion experiments enable the first identification of polysulfides in <i>Saccharomyces cerevisiae</i> . <i>Chemical Communications</i> , 2019, 55, 8868-8871.	2.2	8

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37	Development, synthesis and biological investigation of a novel class of potent PC-PLC inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112162.	2.6	8
38	Synthesis of 3-Amino-2-carboxamide Tetrahydropyrrolo[2,3-b]quinolines. <i>Synlett</i> , 2016, 27, 2811-2814.	1.0	7
39	Enantioselective synthesis of BE ring analogues of methyllycaconitine. <i>Tetrahedron</i> , 2016, 72, 400-414.	1.0	7
40	Efficient Total Synthesis of (±)-Isoguaiaicin and (±)-Isogalbulin. <i>Synlett</i> , 2017, 28, 1449-1452.	1.0	7
41	Synthesis and Biological Testing of Ester Pheromone Analogues for Two Fruitworm Moths (Carposinidae). <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9557-9567.	2.4	6
42	Synthesis and Antibacterial Analysis of Analogues of the Marine Alkaloid Pseudoceratidine. <i>Molecules</i> , 2020, 25, 2713.	1.7	6
43	Fluorinated O-phenylserine residues enhance the broad-spectrum antimicrobial activity of ultrashort cationic lipopeptides. <i>Journal of Fluorine Chemistry</i> , 2021, 241, 109685.	0.9	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. <i>Pharmaceutics</i> , 2021, 13, 2020.	2.0	6
45	Poly( <i>p</i> -phenylenevinylene)- <i>g</i> -poly(2-(methacryloyloxy)Ethyl)trimethylammonium chloride (PPV- <i>g</i> -PMETAC): A fluorescent, water-soluble, selective anion sensor. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1997-2003.	2.5	5
46	Effect of antioxidant supplementation on the polysulfides of white wines. <i>LWT - Food Science and Technology</i> , 2020, 134, 110132.	2.5	5
47	Total Asymmetric Synthesis and Stereochemical Confirmation of (+)- and (±)-Lyoniresinol and Its Deuterated Analogues. <i>Journal of Organic Chemistry</i> , 2022, 87, 4254-4262.	1.7	5
48	Synthesis and biological activity of benzamide DNA minor groove binders. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 804-808.	1.0	4
49	Lifestyle, Lineage, and Geographical Origin Influence Temperature-Dependent Phenotypic Variation across Yeast Strains during Wine Fermentation. <i>Microorganisms</i> , 2020, 8, 1367.	1.6	4
50	First synthesis of 3-S-glutathionylhexanal-d and its bisulfite adduct. <i>Tetrahedron Letters</i> , 2020, 61, 152100.	0.7	4
51	An optimised MALDI-TOF assay for phosphatidylcholine-specific phospholipase C. <i>Analytical Methods</i> , 2021, 13, 491-496.	1.3	4
52	Synthesis of Benzodioxane and Benzofuran Scaffolds Found in Neolignans via TMS Triflate Mediated Addition to 1,4-Benzo- $\Delta$ dioxane Hemiacetals. <i>Synthesis</i> , 2017, 49, 1190-1205.	1.2	3
53	A Chemometric Analysis of Compounds from Native New Zealand Medicinal Flora. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1117-1127.	1.7	3
54	Improving the solubility of anti-proliferative thieno[2,3-b]quinoline-2-carboxamides. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 37, 116092.	1.4	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. <i>Foods</i> , 2022, 11, 2050.	1.9	3
56	Total synthesis of panicein A2. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1991-1996.	1.3	2
57	Antimicrobial synergy of cationic grafted poly(para-phenylene ethynylene) and poly(para-phenylene) Tj ETQq1 1 0.784314 rgBT /Over 23433-23441.	1.7	2
58	Synthesis and Use of Ethyl 6-Acetyloxyhexanoate as an Internal Standard: An Interdisciplinary Experiment for an Undergraduate Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2020, 97, 3847-3851.	1.1	2
59	Thieno[2,3-b]Pyridine Derivative Targets Epithelial, Mesenchymal and Hybrid CD15s+ Breast Cancer Cells. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 32.	0.7	2
60	New Precursors to 3-Sulfanylhexan-1-ol? Investigating the Keto↔Enol Tautomerism of 3-S-Glutathionylhexanal. <i>Molecules</i> , 2021, 26, 4261.	1.7	2
61	Differential engulfment of and by monocyte-derived macrophages is associated with altered phagocyte biochemistry and morphology. <i>EXCLI Journal</i> , 2020, 19, 1372-1384.	0.5	2
62	The enantioselective total syntheses of (+)-7-oxohinokinin, (+)-7-oxoarcitin, (+)-conicaol B and (âˆ“) -isopolygamain. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4324-4330.	1.5	2
63	Towards the Use of Natural Compounds for Crop Protection and Food Safety. <i>Foods</i> , 2022, 11, 648.	1.9	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. <i>Polymers</i> , 2022, 14, 2767.	2.0	2
65	Attempts to Create Products with Increased Health-Promoting Potential Starting with Pinot Noir Pomace: Investigations on the Process and Its Methods. <i>Foods</i> , 2022, 11, 1999.	1.9	2
66	Stereoselective Synthesis of the Spirocyclic Ring System of the Sesquiterpene Spirolepechinene. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 462-465.	1.3	1
67	Incorporation of a Nitric Oxide Donating Motif into Novel PC-PLC Inhibitors Provides Enhanced Anti-Proliferative Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11518.	1.8	1
68	Disruption of Crystal Packing in Thieno[2,3-b]pyridines Improves Anti-Proliferative Activity. <i>Molecules</i> , 2022, 27, 836.	1.7	1
69	Interâ€™regional survey of the New Zealand Pinot noir fermentative sulfur compounds profile. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 947-951.	1.7	0
70	Synthesis and Electrophysiological Testing of Carbonyl Pheromone Analogues for Carposinid Moths. <i>ACS Omega</i> , 2021, 6, 21016-21023.	1.6	0