

# Lisa Ivy Pilkington

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59  
papers

397  
citations

10  
h-index

16  
g-index

76  
ext. papers

551  
ext. citations

4.4  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
59	A novel electrochemical conducting polymer sensor for the rapid, selective and sensitive detection of biothiols. <i>Polymer Chemistry</i> , <b>2022</b> , 13, 508-516	4.9	3
58	Tethered Aryl Groups Increase the Activity of Anti-Proliferative Thieno[2,3-]Pyridines by Targeting a Lipophilic Region in the Active Site of PI-PLC.. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
57	An account of strategies and innovations for teaching chemistry during the COVID-19 pandemic. <i>Biochemistry and Molecular Biology Education</i> , <b>2021</b> , 49, 320-322	1.3	5
56	Improving the solubility of anti-proliferative thieno[2,3-b]quinoline-2-carboxamides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 37, 116092	3.4	1
55	Validating TDP1 as an Inhibition Target for the Development of Chemosensitizers for Camptothecin-Based Chemotherapy Drugs. <i>Oncology and Therapy</i> , <b>2021</b> , 9, 541-556	2.7	3
54	Principal Component Analysis to Determine the Surface Properties That Influence the Self-Cleaning Action of Hydrophobic Plant Leaves. <i>Langmuir</i> , <b>2021</b> , 37, 8177-8189	4	0
53	Fluorinated O-phenylserine residues enhance the broad-spectrum antimicrobial activity of ultrashort cationic lipopeptides. <i>Journal of Fluorine Chemistry</i> , <b>2021</b> , 241, 109685	2.1	1
52	Inter-regional survey of the New Zealand Pinot noir fermentative sulfur compounds profile. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 947-951	4.3	
51	An optimised MALDI-TOF assay for phosphatidylcholine-specific phospholipase C. <i>Analytical Methods</i> , <b>2021</b> , 13, 491-496	3.2	1
50	Synthesis and Electrophysiological Testing of Carbonyl Pheromone Analogues for Carposinid Moths. <i>ACS Omega</i> , <b>2021</b> , 6, 21016-21023	3.9	
49	Development of 2-Morpholino-N-hydroxybenzamides as anti-proliferative PC-PLC inhibitors. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105152	5.1	1
48	Synthesis and Antibacterial Analysis of Analogues of the Marine Alkaloid Pseudoceratidine. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
47	First synthesis of 3-S-glutathionylhexanal-d and its bisulfite adduct. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 152100		1
46	Development, synthesis and biological investigation of a novel class of potent PC-PLC inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 191, 112162	6.8	3
45	Differential engulfment of and by monocyte-derived macrophages is associated with altered phagocyte biochemistry and morphology. <i>EXCLI Journal</i> , <b>2020</b> , 19, 1372-1384	2.4	1
44	Novel Cell-Penetrating Peptide Conjugated Proteasome Inhibitors: Anticancer and Antifungal Investigations. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 334-348	8.3	5
43	Discovery of novel phosphatidylcholine-specific phospholipase C drug-like inhibitors as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 187, 111919	6.8	4

42	Lifestyle, Lineage, and Geographical Origin Influence Temperature-Dependent Phenotypic Variation across Yeast Strains during Wine Fermentation. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	3
41	Effect of antioxidant supplementation on the polysulfides of white wines. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 134, 110132	5.4	3
40	Glycosphingolipid expression at breast cancer stem cells after novel thieno[2,3-b]pyridine anticancer compound treatment. <i>Scientific Reports</i> , <b>2020</b> , 10, 11876	4.9	5
39	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> , <b>2020</b> , 97, 3847-3851	3.4	1
38	Synthesis and Biological Testing of Ester Pheromone Analogues for Two Fruitworm Moths (Carposinidae). <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 9557-9567	5.7	4
37	The cytotoxic potential of cationic triangulenes against tumour cells. <i>MedChemComm</i> , <b>2019</b> , 10, 1881-1891	4.2	8
36	Iterative synthetic strategies and gene deletion experiments enable the first identification of polysulfides in <i>Saccharomyces cerevisiae</i> . <i>Chemical Communications</i> , <b>2019</b> , 55, 8868-8871	5.8	6
35	Stereoselective Synthesis of the Spirocyclic Ring System of the Sesquiterpene Spirolepechinene. <i>Asian Journal of Organic Chemistry</i> , <b>2019</b> , 8, 462-465	3	1
34	Stereoselective Total Synthesis of (+)-Aristolactam Gl. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 5747-5756	4.2	3
33	A Chemometric Analysis of Compounds from Native New Zealand Medicinal Flora. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1117-1127	4.5	3
32	A new analytical method to measure S-methyl-L-methionine in grape juice reveals the influence of yeast on dimethyl sulfide production during fermentation. <i>Journal of the Science of Food and Agriculture</i> , <b>2019</b> , 99, 6944-6953	4.3	7
31	A Chemometric Analysis of Deep-Sea Natural Products. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
30	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> , <b>2018</b> , 98, 368-374	5.2	6
29	Facile gas chromatography-tandem mass spectrometry stable isotope dilution method for the quantification of sesquiterpenes in grape. <i>Journal of Chromatography A</i> , <b>2018</b> , 1537, 91-98	4.5	9
28	Lignans: A Chemometric Analysis. <i>Molecules</i> , <b>2018</b> , 23,	4.8	16
27	Investigation into Improving the Aqueous Solubility of the Thieno[2,3-b]pyridine Anti-Proliferative Agents. <i>Molecules</i> , <b>2018</b> , 23,	4.8	11
26	Antimicrobial synergy of cationic grafted poly(-phenylene ethynylene) and poly(-phenylene vinylene) compounds with UV or metal ions against .. <i>RSC Advances</i> , <b>2018</b> , 8, 23433-23441	3.7	1
25	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> , <b>2018</b> , 143, 1997-2004	6.8	18

24	Modular Synthesis and Biological Investigation of 5-Hydroxymethyl Dibenzyl Butyrolactones and Related Lignans. <i>Molecules</i> , <b>2018</b> , 23,	4.8	4
23	1,4-Benzodioxane Lignans: An Efficient, Asymmetric Synthesis of Flavonolignans and Study of Neolignan Cytotoxicity and Antiviral Profiles. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 2630-2637	4.9	9
22	Poly-p-phenylenevinylene-g-poly(2-(methacryloyloxy)Ethyl)trimethylammonium chloride (PPV-g-PMETAC): A fluorescent, water-soluble, selective anion sensor. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 1997-2003	2.5	5
21	Synthesis of Benzodioxane and Benzofuran Scaffolds Found in Neolignans via TMS Triflate Mediated Addition to 1,4-Benzo[dioxane Hemiacetals. <i>Synthesis</i> , <b>2017</b> , 49, 1190-1205	2.9	2
20	Synthesis of grafted poly(p-phenyleneethynylene) via ARGET ATRP: Towards nonaggregating and photoluminescence materials. <i>European Polymer Journal</i> , <b>2017</b> , 89, 263-271	5.2	8
19	Synthesis of N-benzyl-des-D-ring lamellarin K via an acyl-Claisen/Paal-Knorr approach. <i>Tetrahedron</i> , <b>2017</b> , 73, 1881-1894	2.4	6
18	Efficient Total Synthesis of (±)-Isoguaiacin and (±)-Isogalbulin. <i>Synlett</i> , <b>2017</b> , 28, 1449-1452	2.2	5
17	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> , <b>2017</b> , 141, 61-69	4	5
16	Synthesis and antiproliferative activity of 2-chlorophenyl carboxamide thienopyridines. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 135-138	2.9	9
15	GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents. <i>Molecules</i> , <b>2017</b> , 22,	4.8	8
14	Optimization of Ecofriendly Extraction of Bioactive Monomeric Phenolics and Useful Flavor Precursors from Grape Waste. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 5060-5067	8.3	14
13	Enantioselective Synthesis of 2,3-Disubstituted Benzomorpholines: Analogues of Lignan Natural Products. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 12012-12022	4.2	8
12	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> , <b>2016</b> , 24, 1142-54	3.4	13
11	Enantioselective synthesis of BE ring analogues of methyllycaconitine. <i>Tetrahedron</i> , <b>2016</b> , 72, 400-414	2.4	5
10	Synthesis and biological activity of benzamide DNA minor groove binders. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 804-808	2.9	3
9	Synthesis of 3-Amino-2-carboxamide Tetrahydropyrrolo[2,3-b]quinolines. <i>Synlett</i> , <b>2016</b> , 27, 2811-2814	2.2	6
8	Synthesis and biology of 1,4-benzodioxane lignan natural products. <i>Natural Product Reports</i> , <b>2015</b> , 32, 1369-88	15.1	29
7	A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. <i>MedChemComm</i> , <b>2015</b> , 6, 1987-1997	5	33

6	Synthesis of aza-derivatives of tetrahydrofuran lignan natural products. <i>Tetrahedron</i> , <b>2015</b> , 71, 9439-9456	6.4	9
5	Total synthesis of panicein A2. <i>Beilstein Journal of Organic Chemistry</i> , <b>2015</b> , 11, 1991-6	2.5	2
4	Synthesis of 3-Methylobovatol. <i>Synlett</i> , <b>2015</b> , 26, 2425-2428	2.2	7
3	Enantioselective synthesis, stereochemical correction, and biological investigation of the rogersinine family of 1,4-benzodioxane neolignans. <i>Organic Letters</i> , <b>2015</b> , 17, 1046-9	6.2	14
2	Total Synthesis of (-)-Isoamericanin A and (+)-Isoamericanol A. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 1037-1046	3.2	14
1	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> , <b>2012</b> , 77, 8156-66	4.2	35