# Lisa Ivy Pilkington

## List of Publications by Citations



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| 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 | 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, 8156-66 | 4.2 | 35 |
| 58 | A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. *MedChemComm*, **2015**, 6, 1987-1997 | 5 | 33 |
| 57 | Synthesis and biology of 1,4-benzodioxane lignan natural products. *Natural Product Reports*, **2015**, 32, 1369-88 | 15.1 | 29 |
| 56 | 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 | 6.8 | 18 |
| 55 | Lignans: A Chemometric Analysis. *Molecules*, **2018**, 23, | 4.8 | 16 |
| 54 | Optimization of Ecofriendly Extraction of Bioactive Monomeric Phenolics and Useful Flavor Precursors from Grape Waste. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 5060-5067 | 8.3 | 14 |
| 53 | Total Synthesis of (−)-Isoamericanin A and (+)-Isoamericanol A. *European Journal of Organic Chemistry*, **2014**, 2014, 1037-1046 | 3.2 | 14 |
| 52 | Enantioselective synthesis, stereochemical correction, and biological investigation of the rodgersinine family of 1,4-benzodioxane neolignans. *Organic Letters*, **2015**, 17, 1046-9 | 6.2 | 14 |
| 51 | 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, 1142-54 | 3.4 | 13 |
| 50 | Investigation into Improving the Aqueous Solubility of the Thieno[2,3-b]pyridine Anti-Proliferative Agents. *Molecules*, **2018**, 23, | 4.8 | 11 |
| 49 | Synthesis and antiproliferative activity of 2-chlorophenyl carboxamide thienopyridines. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 135-138 | 2.9 | 9 |
| 48 | Synthesis of aza-derivatives of tetrahydrofuran lignan natural products. *Tetrahedron*, **2015**, 71, 9439-9456 | 2.4 | 9 |
| 47 | Facile gas chromatography-tandem mass spectrometry stable isotope dilution method for the quantification of sesquiterpenes in grape. *Journal of Chromatography A*, **2018**, 1537, 91-98 | 4.5 | 9 |
| 46 | 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 | 4.9 | 9 |
| 45 | Synthesis of grafted poly(p-phenyleneethynylene) via ARGET ATRP: Towards nonaggregating and photoluminescence materials. *European Polymer Journal*, **2017**, 89, 263-271 | 5.2 | 8 |
| 44 | The cytotoxic potential of cationic triangulenes against tumour cells. *MedChemComm*, **2019**, 10, 1881-1891 | 3 | 8 |
| 43 | GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents. *Molecules*, **2017**, 22, | 4.8 | 8 |

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| 42 | Enantioselective Synthesis of 2,3-Disubstituted Benzomorpholines: Analogues of Lignan Natural Products. *Journal of Organic Chemistry*, **2016**, 81, 12012-12022 | 4.2 | 8 |
| 41 | A new analytical method to measure S-methyl-l-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 | 4.3 | 7 |
| 40 | Synthesis of 3-Methylobovatol. *Synlett*, **2015**, 26, 2425-2428 | 2.2 | 7 |
| 39 | Synthesis of N-benzyl-des-D-ring lamellarin K via an acyl-Claisen/Paal-Knorr approach. *Tetrahedron*, **2017**, 73, 1881-1894 | 2.4 | 6 |
| 38 | Iterative synthetic strategies and gene deletant experiments enable the first identification of polysulfides in Saccharomyces cerevisiae. *Chemical Communications*, **2019**, 55, 8868-8871 | 5.8 | 6 |
| 37 | 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 | 5.2 | 6 |
| 36 | A Chemometric Analysis of Deep-Sea Natural Products. *Molecules*, **2019**, 24, | 4.8 | 6 |
| 35 | Synthesis of 3-Amino-2-carboxamide Tetrahydropyrrolo[2,3-b]quinolines. *Synlett*, **2016**, 27, 2811-2814 | 2.2 | 6 |
| 34 | Efficient Total Synthesis of (±)-Isoguaiacin and (±)-Isogalbulin. *Synlett*, **2017**, 28, 1449-1452 | 2.2 | 5 |
| 33 | 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 | 4 | 5 |
| 32 | Enantioselective synthesis of BE ring analogues of methyllycaconitine. *Tetrahedron*, **2016**, 72, 400-414 | 2.4 | 5 |
| 31 | Novel Cell-Penetrating Peptide Conjugated Proteasome Inhibitors: Anticancer and Antifungal Investigations. *Journal of Medicinal Chemistry*, **2020**, 63, 334-348 | 8.3 | 5 |
| 30 | Glycosphingolipid expression at breast cancer stem cells after novel thieno[2,3-b]pyridine anticancer compound treatment. *Scientific Reports*, **2020**, 10, 11876 | 4.9 | 5 |
| 29 | An account of strategies and innovations for teaching chemistry during the COVID-19 pandemic. *Biochemistry and Molecular Biology Education*, **2021**, 49, 320-322 | 1.3 | 5 |
| 28 | Poly-p-phenylenevinylene-g-poly(2-(methacryloyloxy)Ethyl)trimethylammonium chloride (PPV-g-PMETAC): A fluorescent, water-soluble, selective anion sensor. *Journal of Polymer Science Part A*, **2018**, 56, 1997-2003 | 2.5 | 5 |
| 27 | Discovery of novel phosphatidylcholine-specific phospholipase C drug-like inhibitors as potential anticancer agents. *European Journal of Medicinal Chemistry*, **2020**, 187, 111919 | 6.8 | 4 |
| 26 | Synthesis and Biological Testing of Ester Pheromone Analogues for Two Fruitworm Moths (Carposinidae). *Journal of Agricultural and Food Chemistry*, **2020**, 68, 9557-9567 | 5.7 | 4 |
| 25 | Modular Synthesis and Biological Investigation of 5-Hydroxymethyl Dibenzyl Butyrolactones and Related Lignans. *Molecules*, **2018**, 23, | 4.8 | 4 |

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| 24 | Stereoselective Total Synthesis of (+)-Aristolactam GI. *Journal of Organic Chemistry*, **2019**, 84, 5747-5756 | 4.2 | 3 |
| 23 | Development, synthesis and biological investigation of a novel class of potent PC-PLC inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 191, 112162 | 6.8 | 3 |
| 22 | Synthesis and biological activity of benzamide DNA minor groove binders. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 804-808 | 2.9 | 3 |
| 21 | A Chemometric Analysis of Compounds from Native New Zealand Medicinal Flora. *Chemistry - an Asian Journal*, **2019**, 14, 1117-1127 | 4.5 | 3 |
| 20 | A novel electrochemical conducting polymer sensor for the rapid, selective and sensitive detection of biothiols. *Polymer Chemistry*, **2022**, 13, 508-516 | 4.9 | 3 |
| 19 | Lifestyle, Lineage, and Geographical Origin Influence Temperature-Dependent Phenotypic Variation across Yeast Strains during Wine Fermentation. *Microorganisms*, **2020**, 8, | 4.9 | 3 |
| 18 | Effect of antioxidant supplementation on the polysulfides of white wines. *LWT - Food Science and Technology*, **2020**, 134, 110132 | 5.4 | 3 |
| 17 | Validating TDP1 as an Inhibition Target for the Development of Chemosensitizers for Camptothecin-Based Chemotherapy Drugs. *Oncology and Therapy*, **2021**, 9, 541-556 | 2.7 | 3 |
| 16 | Synthesis of Benzodioxane and Benzofuran Scaffolds Found in Neolignans via TMS Triflate Mediated Addition to 1,4-Benzo□dioxane Hemiacetals. *Synthesis*, **2017**, 49, 1190-1205 | 2.9 | 2 |
| 15 | Total synthesis of panicein A2. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1991-6 | 2.5 | 2 |
| 14 | Stereoselective Synthesis of the Spirocyclic Ring System of the Sesquiterpene Spirolepechinene. *Asian Journal of Organic Chemistry*, **2019**, 8, 462-465 | 3 | 1 |
| 13 | Synthesis and Antibacterial Analysis of Analogues of the Marine Alkaloid Pseudoceratidine. *Molecules*, **2020**, 25, | 4.8 | 1 |
| 12 | First synthesis of 3-S-glutathionylhexanal-d and its bisulfite adduct. *Tetrahedron Letters*, **2020**, 61, 152102 | 2 | 1 |
| 11 | Antimicrobial synergy of cationic grafted poly(-phenylene ethynylene) and poly(-phenylene vinylene) compounds with UV or metal ions against .. *RSC Advances*, **2018**, 8, 23433-23441 | 3.7 | 1 |
| 10 | Differential engulfment of and by monocyte-derived macrophages is associated with altered phagocyte biochemistry and morphology. *EXCLI Journal*, **2020**, 19, 1372-1384 | 2.4 | 1 |
| 9 | 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.. *Pharmaceutics*, **2021**, 13, | 6.4 | 1 |
| 8 | 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 | 2.4 | 1 |
| 7 | Improving the solubility of anti-proliferative thieno[2,3-b]quinoline-2-carboxamides. *Bioorganic and Medicinal Chemistry*, **2021**, 37, 116092 | 3.4 | 1 |

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| 6 | Fluorinated O-phenylserine residues enhance the broad-spectrum antimicrobial activity of ultrashort cationic lipopeptides. *Journal of Fluorine Chemistry*, **2021**, 241, 109685 | 2.1 | 1 |
| 5 | An optimised MALDI-TOF assay for phosphatidylcholine-specific phospholipase C. *Analytical Methods*, **2021**, 13, 491-496 | 3.2 | 1 |
| 4 | Development of 2-Morpholino-N-hydroxybenzamides as anti-proliferative PC-PLC inhibitors. *Bioorganic Chemistry*, **2021**, 114, 105152 | 5.1 | 1 |
| 3 | Principal Component Analysis to Determine the Surface Properties That Influence the Self-Cleaning Action of Hydrophobic Plant Leaves. *Langmuir*, **2021**, 37, 8177-8189 | 4 | 0 |
| 2 | Inter-regional survey of the New Zealand Pinot noir fermentative sulfur compounds profile. *Journal of the Science of Food and Agriculture*, **2021**, 101, 947-951 | 4.3 | |
| 1 | Synthesis and Electrophysiological Testing of Carbonyl Pheromone Analogues for Carposinid Moths. *ACS Omega*, **2021**, 6, 21016-21023 | 3.9 | |