

Associa€Prof David Barker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4035867/publications.pdf>

Version: 2024-02-01

166
papers

2,462
citations

218592

26
h-index

315616

38
g-index

192
all docs

192
docs citations

192
times ranked

3029
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugated polymers and composites for stretchable organic electronics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5534-5552.	2.7	114
2	Chemistry of DNA minor groove binding agents. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 115, 105-118.	1.7	104
3	Asymmetric Synthesis of (+)-Galbelgin, (±)-Kadangustin J, (±)-Cyclogalgravin and (±)-Pycnanthuligenes A and B, Three Structurally Distinct Lignan Classes, Using a Common Chiral Precursor. <i>Journal of Organic Chemistry</i> , 2011, 76, 6636-6648.	1.7	63
4	Methyllycaconitine analogues have mixed antagonist effects at nicotinic acetylcholine receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 4565-4575.	1.4	61
5	Molecular Approach to Conjugated Polymers with Biomimetic Properties. <i>Accounts of Chemical Research</i> , 2018, 51, 1581-1589.	7.6	57
6	Synthesis and cytotoxicity of thieno[2,3-b]pyridine and furo[2,3-b]pyridine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 420-437.	2.6	56
7	Ethyl propiolate derivatisation for the analysis of varietal thiols in wine. <i>Journal of Chromatography A</i> , 2013, 1312, 104-110.	1.8	49
8	Molecularly Engineered Intrinsically Healable and Stretchable Conducting Polymers. <i>Chemistry of Materials</i> , 2017, 29, 8850-8858.	3.2	49
9	Anti-inflammatory and Antimalarial Meroterpenoids from the New Zealand Ascidian <i>Aplidium scabellum</i> . <i>Journal of Organic Chemistry</i> , 2011, 76, 9151-9156.	1.7	44
10	A Divergent Approach to 3-Piperidinols: A Concise Syntheses of (+)-Swainsonine and Access to the 1-Substituted Quinolizidine Skeleton. <i>Journal of Organic Chemistry</i> , 2012, 77, 7968-7980.	1.7	43
11	Synthesis and biology of 1,4-benzodioxane lignan natural products. <i>Natural Product Reports</i> , 2015, 32, 1369-1388.	5.2	41
12	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
13	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
14	Conducting electrospun fibres with polyanionic grafts as highly selective, label-free, electrochemical biosensor with a low detection limit for non-Hodgkin lymphoma gene. <i>Biosensors and Bioelectronics</i> , 2018, 100, 549-555.	5.3	38
15	Electrospun Polythiophene Phenylenes for Tissue Engineering. <i>Biomacromolecules</i> , 2018, 19, 1456-1468.	2.6	37
16	The effect of a thieno[2,3-b]pyridine PLC- β inhibitor on the proliferation, morphology, migration and cell cycle of breast cancer cells. <i>MedChemComm</i> , 2014, 5, 99-106.	3.5	36
17	Use of (S)-1-methylpyrrolidin-2-yl-1H-tetrazole as a Novel and Enantioselective Organocatalyst for the Aldol Reaction. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 164-170.	1.2	34
18	Synthesis and biological activity of pyrrole analogues of combretastatin A-4. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3001-3005.	1.0	34

#	ARTICLE	IF	CITATIONS
19	Lignans. <i>Molecules</i> , 2019, 24, 1424.	1.7	32
20	Thermoresponsive laterally-branched polythiophene phenylene derivative as water-soluble temperature sensor. <i>Polymer Chemistry</i> , 2017, 8, 4352-4358.	1.9	31
21	A concise synthesis of (±) and a total synthesis of (+)-epiquinamide. <i>Tetrahedron Letters</i> , 2006, 47, 5017-5020.	0.7	29
22	Highly functionalisable polythiophene phenylenes. <i>Polymer Chemistry</i> , 2015, 6, 7618-7629.	1.9	29
23	Bioinspired Syntheses of the Pyridoacridine Marine Alkaloids Demethyldeoxyamphimedine, Deoxyamphimedine, and Amphimedine. <i>Journal of Organic Chemistry</i> , 2016, 81, 282-289.	1.7	28
24	Addition of silyloxydienes to 2,6-dibromo-1,4-benzoquinone: an approach to highly oxygenated bromonaphthoquinones for the synthesis of thysanone. <i>Tetrahedron</i> , 2003, 59, 2441-2449.	1.0	27
25	Synthesis of tricyclic analogues of methyllycaconitine using ring closing metathesis to append a B ring to an AE azabicyclic fragment. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1659.	1.5	27
26	Evidence that phospholipase C is involved in the antitumour action of NSC768313, a new thieno[2,3-b]pyridine derivative. <i>Cancer Cell International</i> , 2016, 16, 18.	1.8	27
27	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
28	The enantioselective synthesis of tetracyclic methyllycaconitine analogues. <i>Tetrahedron</i> , 2011, 67, 7989-7999.	1.0	26
29	Synthesis of various lignans via the rearrangements of 1,4-diarylbutane-1,4-diols. <i>Tetrahedron Letters</i> , 2015, 56, 4549-4553.	0.7	25
30	Switch on or switch off: An optical DNA sensor based on poly(p-phenylenevinylene) grafted magnetic beads. <i>Biosensors and Bioelectronics</i> , 2012, 35, 498-502.	5.3	24
31	Novel Electrochemically Switchable, Flexible, Microporous Cloth that Selectively Captures, Releases, and Concentrates Intact Extracellular Vesicles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39005-39013.	4.0	24
32	A high yielding synthesis of anthranilate esters from sterically hindered alcohols. <i>Tetrahedron Letters</i> , 2001, 42, 1785-1788.	0.7	22
33	Synthesis of ABE tricyclic analogues of methyllycaconitine using a Wacker oxidation-aldol strategy to append the B ring to the AE fragment. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 924-931.	1.3	22
34	An efficient synthesis of 3-alkyl-1,5,3-dioxazepanes and their use as electrophiles in double-Mannich reactions. <i>Tetrahedron</i> , 2012, 68, 1017-1028.	1.0	22
35	Water-soluble anionic poly(p-phenylene vinylenes) with high luminescence. <i>Polymer Chemistry</i> , 2013, 4, 2506.	1.9	22
36	The development of thieno[2,3-b]pyridine analogues as anticancer agents applying in silico methods. <i>MedChemComm</i> , 2014, 5, 186.	3.5	22

#	ARTICLE	IF	CITATIONS
37	New immobilisation method for oligonucleotides on electrodes enables highly-sensitive, electrochemical label-free gene sensing. <i>Biosensors and Bioelectronics</i> , 2017, 97, 128-135.	5.3	22
38	Synthesis of simple analogues of methyllycaconitine – an efficient method for the preparation of the N-substituted anthranilate pharmacophore. <i>Tetrahedron</i> , 2004, 60, 5953-5963.	1.0	21
39	An Acyl-Claisen Approach to Tetrasubstituted Tetrahydrofuran Lignans: Synthesis of Franginsin A2, Talaumidin, and Lignan Analogues. <i>Synlett</i> , 2009, 2009, 3315-3319.	1.0	21
40	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
41	Asymmetric synthesis and anti-protozoal activity of the 8,4-oxynolignans virolin, surinamensin and analogues. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 240-248.	2.6	20
42	Application of olefin metathesis to the synthesis of ABE ring analogues of methyllycaconitine. <i>Tetrahedron Letters</i> , 2002, 43, 6019-6022.	0.7	19
43	A tandem Diels-Alder/Mannich approach to the synthesis of AE and ABE ring analogues of Delphinium alkaloids. <i>Tetrahedron</i> , 2012, 68, 5759-5778.	1.0	19
44	Total Synthesis of (–)-Isoamericanin A and (+)-Isoamericanol A. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1037-1046.	1.2	19
45	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
46	Total Synthesis of Ovafolinins A and B: Unique Polycyclic Benzoxepin Lignans through a Cascade Cyclization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9483-9486.	7.2	19
47	Biomimetic Synthesis of Thiaplidiaquinones A and B. <i>Journal of Natural Products</i> , 2012, 75, 2256-2260.	1.5	18
48	Self-healing polythiophene phenylenes for stretchable electronics. <i>European Polymer Journal</i> , 2018, 105, 331-338.	2.6	18
49	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
50	An acyl-Claisen/Paal-Knorr approach to fully substituted pyrroles. <i>Tetrahedron</i> , 2016, 72, 4676-4689.	1.0	17
51	Synthesis of AE and BE Ring Analogues of the Alkaloid Methyllycaconitine. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1944-1960.	1.2	16
52	Syntheses of mono-acylated luteolin derivatives, evaluation of their antiproliferative and radical scavenging activities and implications on their oral bioavailability. <i>Scientific Reports</i> , 2021, 11, 12595.	1.6	16
53	Influence of $\hat{\pm}$ -methyl substitution of proline-based organocatalysts on the asymmetric $\hat{\pm}$ -oxidation of aldehydes. <i>Tetrahedron</i> , 2009, 65, 4801-4807.	1.0	15
54	An acyl-Claisen approach to the synthesis of lignans and substituted pyrroles. <i>Pure and Applied Chemistry</i> , 2012, 84, 1557-1565.	0.9	15

#	ARTICLE	IF	CITATIONS
55	Synthesis of 2,3-syn-diarylpent-4-enamides via acyl-Claisen rearrangements of substituted cinnamyl morpholines: application to the synthesis of magnosalicin. <i>Tetrahedron Letters</i> , 2012, 53, 4464-4468.	0.7	15
56	Rapid synthesis of indole cis-enamides via hydroamidation of indolic alkynes. <i>Tetrahedron Letters</i> , 2013, 54, 5239-5242.	0.7	15
57	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
58	Synthesis of alkyl sulfonic acid aldehydes and alcohols, putative precursors to important wine aroma thiols. <i>Tetrahedron Letters</i> , 2015, 56, 1728-1731.	0.7	14
59	Highly processable, rubbery poly(n-butyl acrylate) grafted poly(phenylene vinylene)s. <i>European Polymer Journal</i> , 2016, 84, 355-365.	2.6	14
60	Identification of Floral Volatiles and Pollinator Responses in Kiwifruit Cultivars, <i>Actinidia chinensis</i> var. <i>chinensis</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 406-415.	0.9	14
61	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
62	Electroactive Metal Complexes Covalently Attached to Conductive PEDOT Films: A Spectroelectrochemical Study. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 1301-1313.	4.0	14
63	A double Mannich approach to the synthesis of substituted piperidones – application to the synthesis of substituted E-ring analogues of methyllycaconitine. <i>Tetrahedron</i> , 2010, 66, 7179-7191.	1.0	13
64	Structure-Activity Relationships of the Bioactive Thiazinoquinone Marine Natural Products Thiaplidiaquinones A and B. <i>Marine Drugs</i> , 2015, 13, 5102-5110.	2.2	13
65	Synthesis of aza-derivatives of tetrahydrofuran lignan natural products. <i>Tetrahedron</i> , 2015, 71, 9439-9456.	1.0	13
66	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
67	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
68	Synthesis and antiproliferative activity of 2-chlorophenyl carboxamide thienopyridines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 135-138.	1.0	13
69	Total Synthesis of (±)-Bicubebin A, B, (+)-Bicubebin C and Structural Reassignment of (±)-cis-Cubebin. <i>Organic Letters</i> , 2017, 19, 5368-5371.	2.4	13
70	Convenient synthesis of deuterium labelled sesquiterpenes. <i>Tetrahedron Letters</i> , 2016, 57, 4496-4499.	0.7	12
71	GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents. <i>Molecules</i> , 2017, 22, 2254.	1.7	12
72	Stereoselective Total Synthesis of (+)-Aristolactam Gl. <i>Journal of Organic Chemistry</i> , 2019, 84, 5747-5756.	1.7	12

#	ARTICLE	IF	CITATIONS
73	Bio-inspired dimerisation of prenylated quinones directed towards the synthesis of the meroterpenoid natural products, the scabellones. <i>Tetrahedron Letters</i> , 2015, 56, 1486-1488.	0.7	11
74	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
75	Glycophenotype of breast and prostate cancer stem cells treated with thieno[2,3- <i>b</i>]pyridine anticancer compound. <i>Drug Design, Development and Therapy</i> , 2017, Volume11, 759-769.	2.0	11
76	Novel Cell-Penetrating Peptide Conjugated Proteasome Inhibitors: Anticancer and Antifungal Investigations. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 334-348.	2.9	11
77	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
78	Conducting Polymer-Coated Carbon Cloth Captures and Releases Extracellular Vesicles by a Rapid and Controlled Redox Process. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32880-32889.	4.0	11
79	Synthesis of N-(3-Phenylpropyl)-Substituted Tricyclic ABE Ring Analogues of the Alkaloid Methyllycaconitine. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3205-3215.	1.2	10
80	¹ H and ¹³ C NMR data for C-6 substituted 3-azabicyclo[3.3.1]nonane-1-carboxylates. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 980-983.	1.1	10
81	Synthesis of the furo[2,3- <i>b</i>]chromene ring system of hyperaspindols A and B. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 265-270.	1.3	10
82	Polymer electronic composites that heal by solvent vapour. <i>RSC Advances</i> , 2016, 6, 98466-98474.	1.7	10
83	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
84	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
85	A new analytical method to measure dimethylsulfide 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
86	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
87	Polymer Brush Functionalization of Polyurethane Tunable Nanopores for Resistive Pulse Sensing. <i>ACS Applied Polymer Materials</i> , 2021, 3, 279-289.	2.0	10
88	A novel LC-HRMS method reveals cysteinyl and glutathionyl polysulfides in wine. <i>Talanta</i> , 2020, 218, 121105.	2.9	10
89	Total Synthesis of Hyperione A and Hyperione B. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 491-493.	1.3	9
90	Unexpected O-alkylation and ester migration in phenolic 2,3-diaryl-2,3-dihydrobenzo[<i>b</i>]furans. <i>Tetrahedron Letters</i> , 2013, 54, 2093-2096.	0.7	9

#	ARTICLE	IF	CITATIONS
91	Synthesis of 3-Methylobovato. <i>Synlett</i> , 2015, 26, 2425-2428.	1.0	9
92	Discovery and preliminary structure-activity relationship studies on tecomaquinone I and tectol as novel farnesyltransferase and plasmodial inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3102-3107.	1.4	9
93	Modular Synthesis and Biological Investigation of 5-Hydroxymethyl Dibenzyl Butyrolactones and Related Lignans. <i>Molecules</i> , 2018, 23, 3057.	1.7	9
94	The cytotoxic potential of cationic triangulenes against tumour cells. <i>MedChemComm</i> , 2019, 10, 1881-1891.	3.5	9
95	Development of 2-Morpholino-N-hydroxybenzamides as anti-proliferative PC-PLC inhibitors. <i>Bioorganic Chemistry</i> , 2021, 114, 105152.	2.0	9
96	Synthesis of non-symmetrical 3,5-diamidobenzyl amines, ethers and sulfides. <i>Tetrahedron Letters</i> , 2008, 49, 1660-1664.	0.7	8
97	Synthesis of benzoic acids and polybenzamides containing tertiary alkylamino functionality. <i>Tetrahedron</i> , 2012, 68, 1790-1801.	1.0	8
98	Studies towards development of asymmetric double-Mannich reactions of chiral 2-oxocyclohexanecarboxylate derivatives with bis(aminol)ethers. <i>Tetrahedron</i> , 2015, 71, 2210-2221.	1.0	8
99	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
100	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
101	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
102	Synthesis of 3-Amino-2-carboxamide Tetrahydropyrrolo[2,3-b]quinolines. <i>Synlett</i> , 2016, 27, 2811-2814.	1.0	7
103	Enantioselective synthesis of BE ring analogues of methyllycaconitine. <i>Tetrahedron</i> , 2016, 72, 400-414.	1.0	7
104	Efficient Total Synthesis of (±)-Isoguaiacin and (±)-Isogalbulin. <i>Synlett</i> , 2017, 28, 1449-1452.	1.0	7
105	Structure-activity relationship studies on thiaplidiaquinones A and B as novel inhibitors of <i>Plasmodium falciparum</i> and farnesyltransferase. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4433-4443.	1.4	7
106	Long side-chain grafting imparts intrinsic adhesiveness to poly(thiophene phenylene) conjugated polymer. <i>European Polymer Journal</i> , 2018, 109, 237-247.	2.6	7
107	Photo-patternable, stretchable and electrically conductive graft copolymers of poly(3-hexylthiophene). <i>Polymer Chemistry</i> , 2019, 10, 6278-6289.	1.9	7
108	Highly stretchable, solution-processable, and crosslinkable poly(3,4-ethylenedioxythiophene)-based conjugated polymers. <i>European Polymer Journal</i> , 2020, 125, 109508.	2.6	7

#	ARTICLE	IF	CITATIONS
109	Synthesis, Antiproliferative Activity and Radical Scavenging Ability of 5-O-Acyl Derivatives of Quercetin. <i>Molecules</i> , 2021, 26, 1608.	1.7	7
110	A Review of Advances in the Synthesis of Analogues of the Delphinium Alkaloid Methyllycaconitine. <i>Synlett</i> , 2005, 2005, 1809-1827.	1.0	6
111	Using NMR to determine the relative stereochemistry of 7,7-diaryl-8,8-dimethylbutan-1-ol lignans. <i>Phytochemistry Letters</i> , 2015, 14, 138-142.	0.6	6
112	Multiresponsive Behavior of Functional Poly(p-phenylene vinylene)s in Water. <i>Polymers</i> , 2016, 8, 365.	2.0	6
113	Synthesis and biological evaluation of the ascidian blood-pigment halocyanine A. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6194-6204.	1.5	6
114	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
115	Synthesis and Antibacterial Analysis of Analogues of the Marine Alkaloid Pseudoceratidine. <i>Molecules</i> , 2020, 25, 2713.	1.7	6
116	A convenient synthesis of amino acid-derived precursors to the important wine aroma 3-sulfanylhexas-1-ol (3SH). <i>Tetrahedron Letters</i> , 2020, 61, 151663.	0.7	6
117	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
118	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
119	Synthesis and Absolute Stereochemical Reassignment of Mukanadin F: A Study of Isomerization of Bromopyrrole Alkaloids with Implications on Marine Natural Product Isolation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3065-3074.	1.2	5
120	Poly(p-phenylenevinylene)-poly(2-(methacryloyloxy)Ethyl)trimethylammonium chloride (PPV-g-PMETAC): A fluorescent, water-soluble, selective anion sensor. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1997-2003.	2.5	5
121	Molecular "Building Block" and "Side Chain Engineering" Approach to Synthesis of Multifunctional and Soluble Poly(pyrrole phenylene)s. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800749.	2.0	5
122	Fermentation of Sauvignon blanc grape marc extract yields important wine aroma 3-sulfanylhexas-1-ol (3SH). <i>LWT - Food Science and Technology</i> , 2020, 131, 109653.	2.5	5
123	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
124	Synthesis of Hemitectol, Tectol, and Tecomaquinone I. <i>Synlett</i> , 2012, 23, 2939-2942.	1.0	4
125	Synthesis and biological activity of benzamide DNA minor groove binders. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 804-808.	1.0	4
126	Chain shape and thin film behaviour of poly(thiophene)-g-poly(acrylate urethane). <i>Soft Matter</i> , 2018, 14, 6875-6882.	1.2	4

#	ARTICLE	IF	CITATIONS
127	An optimised MALDI-TOF assay for phosphatidylcholine-specific phospholipase C. <i>Analytical Methods</i> , 2021, 13, 491-496.	1.3	4
128	A Novel Electrochemically Switchable Conductive Polymer Interface for Controlled Capture and Release of Chemical and Biological Entities. <i>Advanced Materials Interfaces</i> , 0, , 2102475.	1.9	4
129	¹ H and ¹³ C NMR spectra of methylmaleimido- and methylsuccinimidoanthranilate esters of 1-hydroxymethyl-6-methoxy-3-azabicyclo[3.3.1]nonanes. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 695-699.	1.1	3
130	Synthesis of Benzodioxane and Benzofuran Scaffolds Found in Neolignans via TMS Triflate Mediated Addition to 1,4-Benzo- Δ dioxane Hemiacetals. <i>Synthesis</i> , 2017, 49, 1190-1205.	1.2	3
131	Scalable synthesis of the aroma compounds d ₆ - β -ionone and d ₆ - β -cyclocitral for use as internal standards in stable isotope dilution assays. <i>Tetrahedron Letters</i> , 2020, 61, 152642.	0.7	3
132	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
133	¹ H and ¹³ C NMR spectra of C ₆ and C ₉ substituted β -azabicyclo[3.3.1]nonanes. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 75-79.	1.1	2
134	Stereoselective Synthesis of 4-Substituted 4-Hydroxypiperidines via Epoxidation-Ring Opening of 4-Methylenepiperidines. <i>Synlett</i> , 2010, 2010, 2631-2635.	1.0	2
135	Total synthesis of panicein A2. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1991-1996.	1.3	2
136	"Switch-on" DNA sensor based on poly(<i>p</i> -phenylene vinylenes) bound tentacle probes. <i>Pure and Applied Chemistry</i> , 2015, 87, 707-715.	0.9	2
137	Synthesis of tunichrome Sp-1. <i>Tetrahedron Letters</i> , 2015, 56, 5604-5606.	0.7	2
138	Antimicrobial synergy of cationic grafted poly(para-phenylene ethynylene) and poly(para-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 23433-23441.	1.7	2
139	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
140	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
141	First use of grape waste-derived building blocks to yield antimicrobial materials. <i>Food Chemistry</i> , 2022, 370, 131025.	4.2	2
142	2,2 ϵ^2 -(3,5-Dinitrobenzylimino)diethanol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1253-o1253.	0.2	2
143	Synthesis of d ₆ -deuterated analogues of aroma molecules- β -damascenone, β -damascone and safranal. <i>Results in Chemistry</i> , 2022, 4, 100264.	0.9	2
144	The enantioselective total syntheses of (+)-7-oxohinokinin, (+)-7-oxoarcitin, (+)-conicaol B and (α^*)-isopolygamain. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4324-4330.	1.5	2

#	ARTICLE	IF	CITATIONS
145	Effects of Neutral, Anionic and Cationic Polymer Brushes Grafted from Poly(para-phenylene vinylene) and Poly(para-phenylene ethynylene) on the Polymer's Photoluminescent Properties. <i>Polymers</i> , 2022, 14, 2767.	2.0	2
146	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
147	A Convenient Synthesis of 2-(3-Methyl-2,5-dioxopyrrolidin-1-yl)benzoic Acid. <i>Synthesis</i> , 2003, 2003, 0656-0658.	1.2	1
148	N-(3-Hydroxymethyl-5-nitrophenyl)acetamide dimethyl sulfoxide solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3983-o3983.	0.2	1
149	3-Acetamido-5-nitrobenzyl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3984-o3984.	0.2	1
150	3,5-Dinitrobenzyl methanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1470-o1470.	0.2	1
151	Diastereoselective Synthesis of Substituted 4-Piperidones and 4-Piperidols Using a Double Mannich Reaction. <i>Synlett</i> , 2008, 2008, 2601-2604.	1.0	1
152	Alaninyl variants of the marine natural product halocytamine A and their antibacterial properties. <i>Tetrahedron</i> , 2018, 74, 6929-6938.	1.0	1
153	Development of Thienopyridines as Potent Antiproliferative Agents. <i>Proceedings (mdpi)</i> , 2019, 22, .	0.2	1
154	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
155	(7Z)-Tricosene Improves Pheromone Trap Catch of Raspberry Bud Moth, <i>Heterocrossa rubophaga</i> . <i>Journal of Chemical Ecology</i> , 2020, 46, 830-834.	0.9	1
156	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
157	Disruption of Crystal Packing in Thieno[2,3-b]pyridines Improves Anti-Proliferative Activity. <i>Molecules</i> , 2022, 27, 836.	1.7	1
158	Ultra-Highly Sensitive DNA Detection with Conducting Polymer-Modified Electrodes: Mechanism, Manufacture and Prospects for Rapid e-PCR. <i>Journal of the Electrochemical Society</i> , 2022, 169, 037521.	1.3	1
159	N-[3-(tert-Butyldimethylsilyloxymethyl)-5-nitrophenyl]acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2031-o2031.	0.2	0
160	(±)-Cyclohexane-1,2-diyl bis(4-nitrobenzoate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2174-o2174.	0.2	0
161	Studies towards a switch-off optical DNA sensor based on poly(p-phenylenevinylene) grafted magnetic beads. <i>International Journal of Nanotechnology</i> , 2014, 11, 645.	0.1	0
162	Total Synthesis of Ovafolinins A and B: Unique Polycyclic Benzoxepin Lignans through a Cascade Cyclization. <i>Angewandte Chemie</i> , 2017, 129, 9611-9614.	1.6	0

#	ARTICLE	IF	CITATIONS
163	Synthesis and Electrophysiological Testing of Carbonyl Pheromone Analogues for Carposinid Moths. ACS Omega, 2021, 6, 21016-21023.	1.6	0
164	N-{3-[Bis(2-hydroxyethyl)aminomethyl]-5-nitrophenyl}benzamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o978-o979.	0.2	0
165	(±)-N-(3-Hydroxy-1,2-diphenylpropyl)-4-methylbenzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1990-o1990.	0.2	0
166	Bicyclic 5-6 Systems with Five Heteroatoms 2:3 or 3:2. , 2020, , 565-565.		0