

# Alan D Payne

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

616  
citations

759190

12  
h-index

610883

24  
g-index

40  
all docs

40  
docs citations

40  
times ranked

488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods used for extraction of plant volatiles have potential to preserve truffle aroma: A review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 1677-1701.	11.7	10
2	Comparative evaluation of encapsulation using $\beta$ -cyclodextrin versus freeze-drying for better retention and stabilizing of black Périgord truffle ( <i>Tuber melanosporum</i> ) aroma. <i>Journal of Food Science</i> , 2022, 87, 3482-3495.	3.1	4
3	Design, synthesis and antimycobacterial evaluation of novel adamantane and adamantanol analogues effective against drug-resistant tuberculosis. <i>Bioorganic Chemistry</i> , 2021, 106, 104486.	4.1	12
4	The Chemistry of 1,2,3,5-Dithiadiazoles and 1,3,2,4-Dithiadiazoles. , 2021, , .		0
5	Imaging Cannabinoid Receptors: A Brief Collection of Covalent and Fluorescent Probes for CB. <i>Australian Journal of Chemistry</i> , 2021, 74, 416-432.	0.9	7
6	Design, synthesis and evaluation of novel indole-2-carboxamides for growth inhibition of <i>Mycobacterium tuberculosis</i> and paediatric brain tumour cells. <i>RSC Advances</i> , 2021, 11, 15497-15511.	3.6	11
7	Facile synthesis and antimycobacterial activity of isoniazid, pyrazinamide and ciprofloxacin derivatives. <i>Chemical Biology and Drug Design</i> , 2021, 97, 1137-1150.	3.2	9
8	“Wax On, Wax Off” In Vivo Imaging of Plant Physiology and Disease with Fourier Transform Infrared Reflectance Microspectroscopy. <i>Advanced Science</i> , 2021, 8, e2101902.	11.2	5
9	Synthesis and evaluation of tetrahydroisoquinoline derivatives against <i>Trypanosoma brucei rhodesiense</i> . <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113861.	5.5	2
10	Design, synthesis, and biological evaluation of novel arylcarboxamide derivatives as anti-tubercular agents. <i>RSC Advances</i> , 2020, 10, 7523-7540.	3.6	24
11	Negative result: 6-(N,N-dimethylamino)fulvene as a reagent for the detection of latent fingerprints on paper surfaces. <i>Forensic Science International: Reports</i> , 2019, 1, 100005.	0.8	1
12	Kinase Targets for Mycolic Acid Biosynthesis in <i>Mycobacterium tuberculosis</i> . <i>Current Molecular Pharmacology</i> , 2019, 12, 27-49.	1.5	15
13	(S)-(-)-limonene fumigation protects waxflowers ( <i>Chamelaucium</i> spp.) from detrimental effects of ethylene on abscission of flowers/buds. <i>Australian Journal of Crop Science</i> , 2018, 12, 1875-1881.	0.3	1
14	Electrochemical Behavior and Detection of Sulfated Sucrose at a Liquid   Organogel Microinterface Array. <i>Analytical Chemistry</i> , 2018, 90, 10256-10262.	6.5	5
15	Postharvest application of 1-MCP and ethylene influences fruit softening and quality of “Arctic Pride” nectarine at ambient conditions. <i>Australian Journal of Crop Science</i> , 2016, 10, 1257-1265.	0.3	9
16	Isolation and chemistry of clerodane diterpenes from <i>Dodonaea ceratocarpa</i> . <i>Tetrahedron</i> , 2016, 72, 7470-7480.	1.9	3
17	Synthesis, Chemistry and Structure of Some 1,1-Dimethylcyclopropazulenes. <i>ChemistrySelect</i> , 2016, 1, 5339-5346.	1.5	3
18	1-Hexylcyclopropene in retarding tomato ( <i>Lycopersicon esculentum</i> Mill.) fruit ripening and its mode of action. <i>Scientia Horticulturae</i> , 2016, 213, 410-417.	3.6	1

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19	Synthesis and Diels-Alder Reactivity of Substituted [4]Dendralenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 1461-1475.	3.2	10
20	A Combined Computational-Experimental Study of the Kinetics of Intramolecular Diels-Alder Reactions in a Series of 1,3,8-Nonatrienes. <i>Australian Journal of Chemistry</i> , 2015, 68, 230.	0.9	1
21	Photochemistry of 3H-furo[3,4-c]pyrazoles and 3H-thieno[3,4-c]pyrazoles. <i>Tetrahedron</i> , 2013, 69, 9316-9321.	1.9	4
22	Synthesis, Solid-state Structures, Solution Behaviour and Catalysis Studies of Nickel Complexes of Bis(benzimidazolin-2-ylidene)pyridine Pincer Ligands. <i>Australian Journal of Chemistry</i> , 2012, 65, 823.	0.9	16
23	Synthesis and properties of the ivyanes: the parent 1,1-oligocyclopropanes. <i>Chemical Science</i> , 2011, 2, 229-232.	7.4	41
24	Practical Synthesis and Reactivity of [3]Dendralene. <i>Journal of Organic Chemistry</i> , 2010, 75, 491-494.	3.2	55
25	Practical Synthesis of the Dendralene Family Reveals Alternation in Behavior. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4836-4839.	13.8	86
26	One-Step Synthesis and Exploratory Chemistry of [5]Dendralene. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 910-912.	13.8	49
27	Cross-Coupling for Cross-Conjugation: Practical Synthesis and Diels-Alder Reactions of [3]Dendralenes. <i>Organic Letters</i> , 2007, 9, 4861-4864.	4.6	62
28	Approaches to Cyclopropazulenes: Transannular Aldol Reactions of Some Derivatives of 1,10-Dibromobicyclo[8.1.0]undecane-3,8-dione. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1184-1195.	2.4	16
29	Practical Synthesis and Diels-Alder Chemistry of [4]Dendralene. <i>Journal of the American Chemical Society</i> , 2005, 127, 12188-12189.	13.7	72
30	Intramolecular Diels-Alder Reactions of Ester-Linked 1,3,8-Nonatrienes. <i>Journal of Organic Chemistry</i> , 2005, 70, 5561-5570.	3.2	33
31	The Synthesis of Some Azuleno[c]furans. <i>ChemInform</i> , 2003, 34, no.	0.0	0
32	The synthesis of some azuleno[c]furans. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2383.	2.8	16
33	2-Chloro-1,1-dimethyl-1H-cycloprop[e]azulene, the first cyclopropa-fused azulene. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1579-1580.	1.3	8
34	Formation of a Novel Cyclopenta[b]pyran Derivative in the Dehydrobromination of 1,10-Dibromobicyclo[8.1.0]undecane-3,8-dione. <i>Australian Journal of Chemistry</i> , 1999, 52, 395.	0.9	5
35	Nitric oxide in the regulation of fruit ripening: challenges and thrusts. <i>Stewart Postharvest Review</i> , 0, 9, 1-11.	0.7	10
36	Microbiological evaluation of whole, sliced, and freeze-dried black truffles ( <i>Tuber melanosporum</i> ) under vacuum packaging and refrigerator storage. <i>JSFA Reports</i> , 0, , .	0.8	2