

Wayland E Noland

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.

49
papers

587
citations

15
h-index

23
g-index

56
ext. papers

636
ext. citations

2.7
avg, IF

3.17
L-index

#	Paper	IF	Citations
49	Diels-Alder/Ene Reactivities of 2-(1-Cycloalkenyl)thiophenes and 2-(1-Cycloalkenyl)benzo[<i>b</i>]thiophenes with α -Phenylmaleimides: Role of Cycloalkene Ring Size on Benzothiophene and Dibenzothiophene Product Distributions. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5265-5287	4.2	3
48	Access to polycyclic carbazoles from ring-fused 2-(9H-carbazol-1-yl)anilines. <i>Synthetic Communications</i> , 2020 , 50, 1388-1395	1.7	
47	Fe-Catalyzed Domino Intramolecular Nucleophilic Substitution of 4-Hydroxychromen-2-one and Pyran-2-one/Ring Opening of Activated Arene: An Easy Access to 2,3-Disubstituted Furo[3,2- <i>b</i>]coumarins and Furo[3,2- <i>b</i>]pyran-4-ones via Nonsymmetric Triarylmethanes. <i>Organic Letters</i> , 2020 , 51, 1881-1886	6.2	6
46	In situ vinylindole synthesis: Diels-Alder reactions with N-phenylmaleimides, 1-tetralones and 4-chromanones to give annulated tetrahydrocarbazoles. <i>Synthetic Communications</i> , 2020 , 50, 168-176	1.7	4
45	Condensation of 2-methylindole with acetophenones: An unexpected formation of 2-arylanilines. <i>Synthetic Communications</i> , 2019 , 49, 3442-3452	1.7	
44	Crystal structure of 2,3,5,6-tetra-bromo-terephthalonitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 703-706	0.7	
43	Synthesis of 2-(9H-carbazol-1-yl)anilines from 2,3-biindolyl and ketones. <i>Tetrahedron</i> , 2018 , 74, 2391-2404	0.4	3
42	Crystal structures of methyl 3,5-di-bromo-4-cyano-benzoate and methyl 3,5-di-bromo-4-iso-cyano-benzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 345-348	0.7	
41	Condensation reactions of indole with acetophenones affording mixtures of 3,3-(1-phenylethane-1,1-diyl)bis(1H-indoles) and 1,2,3,4-tetrahydro-3-(1H-indol-3-yl)-1-methyl-1,3-diphenylcyclopent[<i>b</i>]indoles. <i>Synthetic Communications</i> , 2018 , 48, 1755-1765	1.7	4
40	Crystal structures of 2,4,6-tri-iodo-benzo-nitrile and 2,4,6-tri-iodo-phenyl isocyanide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 98-102	0.7	3
39	A Diels-Alder/Ene Cascade Leading to 5-(Pyrrolidin-3-yl)thieno[3,2- <i>e</i>]isoindoles from Ketone-derived 2-Vinylthiophenes and N-Phenylmaleimide. <i>Journal of Heterocyclic Chemistry</i> , 2018 , 55, 2698-2714	1.9	1
38	The Structure of Crystalline Agnotobenzaldehyde. <i>Journal of Chemical Crystallography</i> , 2017 , 47, 80-85	0.5	
37	Diels-Alder reactions of fused 5-, 6- and 7-membered ring 2-vinylindoles: Synthesis of annulated tetrahydrocarbazoles. <i>Tetrahedron</i> , 2017 , 73, 6341-6346	2.4	4
36	A 2:1 co-crystal of 3,5-di-bromo-4-cyano-benzoic acid and anthracene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1743-1746	0.7	2
35	Crystal structures of 2,6-di-bromo-4-methyl-benzo-nitrile and 2,6-di-bromo-4-methyl-phenyl isocyanide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1913-1916	0.7	4
34	Two new polytypes of 2,4,6-tri-bromo-benzo-nitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 178-83	0.7	4
33	N ² -Acylation of (3,2 [?])-indole dimers. <i>Tetrahedron Letters</i> , 2016 , 57, 2158-2160	2	2

32	Crystal structure of rac-(3aR,9aR)-3aH-(indol-3-yl)-1,2,3,4,9aH-hexa-hydro-spiro-[cyclo-pentane-1,9]penta-eno[1,2-b]indole] p-xylene hemisolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 516-9	1	
31	Crystal structure of rac-3-[2,3-bis-(phenyl-sulfan-yl)-3H-indol-3-yl]propanoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 1414-7	0.7	
30	Crystal structure of (H)-(3aR,5R,8bR)-5-hydroper-oxy-2-phenyl-6-tosyl-4,5,6,8b-tetra-hydro-pyrrolo-[3,4-e]indole-1,3(2H,3aH)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, 192-5	1	
29	Crystal structure of (1S,2R,6R,7R,8S,12S)-4,10,17-triphenyl-15-thia-4,10-diaza-penta-cyclo[5.5.5.0(1,16).0(2,6).0(8,12)]hepta-deca-13,16-diene p-xylene hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, 550-4	1	
28	Access to Indoles via Diels-Alder Reactions of 5-Methylthio-2-vinylpyrroles with Maleimides. <i>Journal of Heterocyclic Chemistry</i> , 2013 , 50, 795-808	1.9	5
27	Synthesis of vinylindoles and vinylpyrroles by the Peterson olefination or by use of the Nysted reagent. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 381-388	1.9	13
26	Access to indoles via Diels-Alder reactions of 2-vinylpyrroles with maleimides. <i>Journal of Heterocyclic Chemistry</i> , 2009 , 46, 1154-1176	1.9	19
25	Access to indoles via Diels-Alder reactions of 3-vinylpyrroles. <i>Journal of Heterocyclic Chemistry</i> , 2009 , 46, 1285-1295	1.9	13
24	In situ vinylpyrrole synthesis. Diels-Alder reactions with maleimides to give tetrahydroindoles. <i>Journal of Heterocyclic Chemistry</i> , 2009 , 46, 503-534	1.9	11
23	Diels-alder reactions of 2-(2-nitroethenyl)-1H-pyrroles and their oxygen and sulfur analogs with quinones. <i>Journal of Heterocyclic Chemistry</i> , 2005 , 42, 1149-1154	1.9	10
22	Five (1H-pyrrol-2-yl)pyridines. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, o263-7		4
21	Reactivity of nitrovinylquinones with cyclic and acyclic enol ethers. <i>Journal of Organic Chemistry</i> , 2002 , 67, 8366-73	4.2	18
20	Quinone approaches toward the synthesis of aflatoxin B(2). <i>Organic Letters</i> , 2000 , 2, 2109-11	6.2	17
19	The crystal structure of a novel product from the acid-catalyzed condensation of 1-benzylindole with acetone. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 9-14	0.5	3
18	Synthesis of Angular Quinoid Heterocycles from 2-(2-Nitrovinyl)-1,4-benzoquinone. <i>Journal of Organic Chemistry</i> , 1999 , 64, 596-603	4.2	24
17	In situ vinylindole synthesis. Diels-Alder reactions with maleic anhydride and maleic acid to give tetrahydrocarbazoles and carbazoles. <i>Tetrahedron</i> , 1996 , 52, 4555-4572	2.4	25
16	In situ vinylindole synthesis. Diels-alder reactions with maleimides to give tetrahydrocarbazoles. <i>Journal of Heterocyclic Chemistry</i> , 1993 , 30, 81-91	1.9	27
15	Diels-alder reactions of 3-(2-nitrovinyl)indoles: Formation of carbazoles and bridged carbazoles. <i>Journal of Heterocyclic Chemistry</i> , 1993 , 30, 183-192	1.9	20

14	Diels-Alder reactions of vinyl derivatives of five-membered monoheterocyclic compounds. <i>Journal of Organic Chemistry</i> , 1983 , 48, 2488-2491	4.2	21
13	2-Addition of pyrroles to dimethyl acetylenedicarboxylate: Michael-type adducts and Diels-Alder products. <i>Journal of Organic Chemistry</i> , 1980 , 45, 4573-4582	4.2	34
12	In situ vinylindole synthesis of carbazoles. <i>Journal of Organic Chemistry</i> , 1979 , 44, 4402-4410	4.2	34
11	USE OF DIETHYL PHENYLMALONATE AS A NUCLEOPHILIC DONOR IN THE MICHAEL REACTION. <i>Organic Preparations and Procedures International</i> , 1971 , 3, 99-102	1.1	
10	Cyclizative Condensations. IV. 3,3-Substituted Alkylidenebisindoles from Methyl Ketones and Their Conversion to Indolo[2,3-b]carbazoles ¹ . <i>Journal of Organic Chemistry</i> , 1961 , 26, 4263-4269	4.2	29
9	Cyclizative Condensations. II. 2-Methylindole with Methyl Ketones ¹ . <i>Journal of Organic Chemistry</i> , 1961 , 26, 4249-4254	4.2	13
8	Cyclizative Condensations. III. Indole and 1-Methylindole with Methyl Ketones. <i>Journal of Organic Chemistry</i> , 1961 , 26, 4254-4262	4.2	17
7	Cyclizative Condensations. I. 2-Methylindole with Acetone and Methyl Ethyl Ketone ¹ . <i>Journal of Organic Chemistry</i> , 1961 , 26, 4241-4248	4.2	87
6	Mixed Indole Dimers, Trimers, and Their Acyl Derivatives ¹ . <i>Journal of Organic Chemistry</i> , 1960 , 25, 1525-1535	4.2	30
5	The Synthesis of Carbazoles from 3-Vinylindoles with Tetracyanoethylene and Dimethyl Acetylenedicarboxylate. <i>Journal of the American Chemical Society</i> , 1959 , 81, 6010-6017	16.4	53
4	Communications - Synthesis of 3-Vinylindoles. <i>Journal of Organic Chemistry</i> , 1957 , 22, 1134-1135	4.2	15
3	4H-1,4-Thiazine 1,1-Dioxide ¹³⁵⁻¹³⁵		
2	Ethyl Indole-2-Carboxylate ⁴⁰⁻⁴⁰		
1	2-Nitroethanol ⁶⁷⁻⁶⁷		