

# Wayland E Noland

## List of Publications by Year in descending order

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47  
papers

680  
citations

516561

16  
h-index

552653

26  
g-index

56  
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56  
docs citations

56  
times ranked

489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclizative Condensations. I. 2-Methylindole with Acetone and Methyl Ethyl Ketone1. Journal of Organic Chemistry, 1961, 26, 4241-4248.	1.7	93
2	The Synthesis of Carbazoles from 3-Vinylindoles with Tetracyanoethylene and Dimethyl Acetylenedicarboxylate. Journal of the American Chemical Society, 1959, 81, 6010-6017.	6.6	61
3	In situ vinylindole synthesis of carbazoles. Journal of Organic Chemistry, 1979, 44, 4402-4410.	1.7	39
4	2-Addition of pyrroles to dimethyl acetylenedicarboxylate: Michael-type adducts and Diels-Alder products. Journal of Organic Chemistry, 1980, 45, 4573-4582.	1.7	35
5	Mixed Indole Dimers, Trimers, and Their Acyl Derivatives1. Journal of Organic Chemistry, 1960, 25, 1525-1535.	1.7	33
6	Cyclizative Condensations. IV. 3,3'-Alkylidenebisindoles from Methyl Ketones and Their Conversion to Indolo[2,3-b]carbazoles1. Journal of Organic Chemistry, 1961, 26, 4263-4269.	1.7	32
7	In situ vinylindole synthesis. Diels-alder reactions with maleimides to give tetrahydrocarbazoles. Journal of Heterocyclic Chemistry, 1993, 30, 81-91.	1.4	32
8	In situ vinylindole synthesis. Diels-Alder reactions with maleic anhydride and maleic acid to give tetrahydrocarbazoles and carbazoles. Tetrahedron, 1996, 52, 4555-4572.	1.0	29
9	Synthesis of Angular Quinoid Heterocycles from 2-(2-Nitrovinyl)-1,4-benzoquinone. Journal of Organic Chemistry, 1999, 64, 596-603.	1.7	28
10	Diels-Alder reactions of vinyl derivatives of five-membered monoheterocyclic compounds. Journal of Organic Chemistry, 1983, 48, 2488-2491.	1.7	25
11	Access to indoles <i>via</i> Diels-Alder reactions of 2-vinylpyrroles with maleimides. Journal of Heterocyclic Chemistry, 2009, 46, 1154-1176.	1.4	23
12	Diels-Alder reactions of 3-(2-nitrovinyl)indoles: Formation of carbazoles and bridged carbazoles. Journal of Heterocyclic Chemistry, 1993, 30, 183-192.	1.4	22
13	Cyclizative Condensations. III. Indole and 1-Methylindole with Methyl Ketones. Journal of Organic Chemistry, 1961, 26, 4254-4262.	1.7	20
14	Reactivity of Nitrovinylquinones with Cyclic and Acyclic Enol Ethers. Journal of Organic Chemistry, 2002, 67, 8366-8373.	1.7	20
15	Communications - Synthesis of 3-Vinylindoles. Journal of Organic Chemistry, 1957, 22, 1134-1135.	1.7	17
16	Quinone Approaches toward the Synthesis of Aflatoxin B2. Organic Letters, 2000, 2, 2109-2111.	2.4	17
17	Access to indoles <i>via</i> Diels-Alder reactions of 3-vinylpyrroles. Journal of Heterocyclic Chemistry, 2009, 46, 1285-1295.	1.4	15
18	Cyclizative Condensations. II. 2-Methylindole with Methyl Ketones1. Journal of Organic Chemistry, 1961, 26, 4249-4254.	1.7	14

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19	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.	1.4	14
20	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>c</i> ]coumarins and Furo[3,2- <i>c</i> ]pyran-4-ones via Nonsymmetric Triarylmethanes. <i>Organic Letters</i> , 2020, 22, 1801-1806.	2.4	14
21	<i>In situ</i> vinylpyrrole synthesis. Diels-Alder reactions with maleimides to give tetrahydroindoles. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 503-534.	1.4	13
22	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.	1.4	12
23	Diels-Alder/Ene Reactivities of 2-(1-Cycloalkenyl)thiophenes and 2-(1-Cycloalkenyl)benzo[ <i>b</i> ]thiophenes with <i>N</i> -Phenylmaleimides: Role of Cycloalkene Ring Size on Benzothiophene and Dibenzothiophene Product Distributions. <i>Journal of Organic Chemistry</i> , 2020, 85, 5265-5287.	1.7	8
24	Five (1H-pyrrol-2-yl)pyridines. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o263-o267.	0.4	6
25	Diels-Alder reactions of fused 5-, 6- and 7-membered ring 2-vinylindoles: Synthesis of annulated tetrahydrocarbazoles. <i>Tetrahedron</i> , 2017, 73, 6341-6346.	1.0	6
26	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.	1.1	6
27	Two new polytypes of 2,4,6-tribromobenzonitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 178-183.	0.2	6
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.	1.4	5
29	<i>In situ</i> vinylindole synthesis: Diels-Alder reactions with <i>N</i> -phenylmaleimides, 1-tetralones and 4-chromanones to give annulated tetrahydrocarbazoles. <i>Synthetic Communications</i> , 2020, 50, 168-176.	1.1	5
30	<i>N</i> -Acylation of (3,2-)-indole dimers. <i>Tetrahedron Letters</i> , 2016, 57, 2158-2160.	0.7	4
31	A 2:1 co-crystal of 3,5-dibromo-4-cyanobenzoic acid and anthracene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1743-1746.	0.2	4
32	Crystal structures of 2,6-dibromo-4-methylbenzonitrile and 2,6-dibromo-4-methylphenyl isocyanide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1913-1916.	0.2	4
33	Crystal structures of 2,4,6-triiodobenzonitrile and 2,4,6-triiodophenyl isocyanide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 98-102.	0.2	4
34	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 9-14.	0.5	3
35	Synthesis of 2-(9H-carbazol-1-yl)anilines from 2,3-biindolyl and ketones. <i>Tetrahedron</i> , 2018, 74, 2391-2404.	1.0	3
36	Crystal structure of (±)-(3 <i>a</i> R,5 <i>R</i> ,8 <i>b</i> R)-5-hydroperoxy-2-phenyl-6-tosyl-4,5,6,8 <i>b</i> -tetrahydropyrrolo[3,4- <i>e</i> ]indole-1,3(2 <i>H</i> ,3 <i>a</i> H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 192-195.	0.2	1

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37	Crystal structure of (1 <i>S</i> ,2 <i>R</i> ,6 <i>R</i> ,7 <i>R</i> ,8 <i>S</i> ,12 <i>S</i> )-4,10,17-triphenyl-15-thia-4,10-diazapentacyclo[5.5.2.0 <sup>1,16</sup> .0 <sup>2,11</sup> .0 <sup>3,12</sup> .0 <sup>4,13</sup> .0 <sup>5,14</sup> ]hexahydroindole[1,2- <i>b</i> ]pyridine hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 550-554.		
38	Crystal structure of rac-(3 <i>a</i> ' <i>R</i> ,9 <i>a</i> ' <i>R</i> )-3 <i>a</i> '-(indol-3-yl)-1 <i>a</i> ' <i>R</i> ,2 <i>a</i> ' <i>R</i> ,3 <i>a</i> ' <i>R</i> ,4 <i>a</i> ' <i>R</i> ,9 <i>a</i> '-hexahydrospiro[cyclopentane-1,9 <i>a</i> '-pentaleno[1,2- <i>b</i> ]indole]pyridine hemisolvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 516-519.		
39	A Diels-Alder/Ene Cascade Leading to 5-(Pyrrolidin-3-yl)thieno[3,2- <i>e</i> ]isoindoles from Ketone-derived <i>N</i> -vinylthiophenes and <i>N</i> -phenylmaleimide. Journal of Heterocyclic Chemistry, 2018, 55, 2698-2714.	1.4	1
40	Access to polycyclic carbazoles from ring-fused 2-(9 <i>H</i> -carbazol-1-yl)anilines. Synthetic Communications, 2020, 50, 1388-1395.	1.1	1
41	USE OF DIETHYL PHENYLMALONATE AS A NUCLEOPHILIC DONOR IN THE MICHAEL REACTION. Organic Preparations and Procedures International, 1971, 3, 99-102.	0.6	0
42	The Structure of Crystalline Agnotobenzaldehyde. Journal of Chemical Crystallography, 2017, 47, 80-85.	0.5	0
43	Crystal structures of methyl 3,5-dibromo-4-cyanobenzoate and methyl 3,5-dibromo-4-isocyanobenzoate. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 345-348.	0.2	0
44	Condensation of 2-methylindole with acetophenones: An unexpected formation of 2-arylanilines. Synthetic Communications, 2019, 49, 3442-3452.	1.1	0
45	3,5-Dibromo-4-carbamoylbenzoic acid 2-propanol monosolvate. IUCrData, 2021, 6, .	0.1	0
46	Crystal structure of rac-3-[2,3-bis(phenylsulfanyl)-3 <i>H</i> -indol-3-yl]propanoic acid. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1414-1417.	0.2	0
47	Crystal structure of 2,3,5,6-tetrabromoterephthalonitrile. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 703-706.	0.2	0