

# John L Wood

## List of Publications by Year in descending order

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39  
papers

1,732  
citations

471509

17  
h-index

330143

37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin suppresses gluconeogenesis by inhibiting mitochondrial glycerophosphate dehydrogenase. <i>Nature</i> , 2014, 510, 542-546.	27.8	989
2	Reactive Dienes: Intramolecular Aromatic Oxidation of 3-(2-Hydroxyphenyl)-propionic Acids. <i>Organic Letters</i> , 2002, 4, 493-496.	4.6	69
3	Synthetic Applications and Methodological Developments of Donor-Acceptor Cyclopropanes and Related Compounds. <i>Israel Journal of Chemistry</i> , 2016, 56, 431-444.	2.3	61
4	The Art of Innovation in Organic Chemistry: Synthetic Efforts toward the Phomoidrides. <i>Chemical Reviews</i> , 2003, 103, 2691-2728.	47.7	54
5	Collaborative Total Synthesis: Routes to (±)-Hippolachnin A Enabled by Quadricyclane Cycloaddition and Late-Stage C-H Oxidation. <i>Journal of the American Chemical Society</i> , 2016, 138, 2437-2442.	13.7	54
6	An Expeditious Approach toward the Total Synthesis of CP-263,114. <i>Organic Letters</i> , 2001, 3, 2435-2438.	4.6	51
7	Evolution of a Synthetic Approach to CP-263,114. <i>Organic Letters</i> , 2001, 3, 2431-2434.	4.6	42
8	Total Syntheses of (±)-Securinine and (±)-Allosecurinine. <i>Organic Letters</i> , 2012, 14, 4531-4533.	4.6	33
9	Total Synthesis of (±)-Phomoidride...D. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1991-1994.	13.8	28
10	Total Synthesis of Herquiline B and C. <i>Journal of the American Chemical Society</i> , 2019, 141, 25-28.	13.7	28
11	A One-Pot, Base-Free Annelation Approach to $\hat{\pm}$ -Alkylidene- $\hat{\pm}$ -butyrolactones. <i>Organic Letters</i> , 2009, 11, 5338-5341.	4.6	27
12	Total Synthesis of (±)-Aspergilline A. <i>Journal of the American Chemical Society</i> , 2017, 139, 18504-18507.	13.7	27
13	Total Syntheses of (+)- and (±)-Tetrapetalones A and C. <i>Journal of the American Chemical Society</i> , 2017, 139, 14901-14904.	13.7	26
14	Total Synthesis of (±)-Phyllantidine: Development and Mechanistic Evaluation of a Ring Expansion for Installation of Embedded Nitrogen-Oxygen Bonds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9757-9766.	13.8	25
15	An enantioselective approach to the Securinega alkaloids: the total synthesis of (+)-norsecurinine and (+)-allonorsecurinine. <i>Tetrahedron</i> , 2010, 66, 4701-4709.	1.9	22
16	Total Synthesis of (±)-Phomoidride...D. <i>Angewandte Chemie</i> , 2018, 130, 2009-2012.	2.0	19
17	Synthetic studies toward longeracemine: The intramolecular [4+2] cycloaddition of 3H-pyrroles. <i>Tetrahedron</i> , 2018, 74, 4539-4549.	1.9	18
18	Toward the Synthesis of Phomoidride D. <i>Journal of Organic Chemistry</i> , 2013, 78, 477-489.	3.2	17

#	ARTICLE	IF	CITATIONS
19	Total Synthesis of (+)- and (±)-Hosieine...A. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7664-7668.	7.8	15
20	Total Synthesis of <i>ent</i> -Plagiochianin B. <i>Organic Letters</i> , 2021, 23, 1243-1246.	4.6	13
21	Synthetic studies toward the citrinadins: enantioselective preparation of an advanced spirooxindole intermediate. <i>Tetrahedron</i> , 2014, 70, 4089-4093.	1.9	12
22	Chemoselective Intramolecular Carbonyl Ylide Formation through Electronically Differentiated Malonate Diesters. <i>Organic Letters</i> , 2015, 17, 5760-5763.	4.6	12
23	Total Synthesis of Caesalpinnone A and Caesalpinflavan B: Evolution of a Concise Strategy. <i>Journal of the American Chemical Society</i> , 2019, 141, 10082-10090.	13.7	11
24	Synthetic studies toward longeracemine: a SmI <sub>2</sub> -mediated spirocyclization and rearrangement cascade to construct the 2-azabicyclo[2.2.1]heptane framework. <i>Chemical Science</i> , 2020, 11, 9488-9493.	7.4	11
25	Synthetic studies toward tetrapetalone A: attempted palladium $\pi$ -allyl cascades toward a fused tricyclic intermediate. <i>Tetrahedron</i> , 2016, 72, 3673-3677.	1.9	9
26	Synthesis and Biological Evaluation of Hippolachnin A Analogues. <i>Organic Letters</i> , 2018, 20, 3788-3792.	4.6	9
27	Total synthesis of cyclopiamide A and speradine E. <i>Tetrahedron</i> , 2018, 74, 5085-5088.	1.9	8
28	Synthetic studies towards the penicisulfuranols: Synthesis of an advanced spirocyclic diketopiperazine intermediate. <i>Tetrahedron</i> , 2019, 75, 3154-3159.	1.9	8
29	Synthetic studies toward citrinadin A: construction of the pentacyclic core. <i>Journal of Antibiotics</i> , 2016, 69, 331-336.	2.0	7
30	Collaborative synthesis. <i>Nature</i> , 2014, 509, 293-294.	27.8	6
31	Staurosporine Analogs Via C-H Borylation. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2441-2445.	2.8	6
32	Total Synthesis of (±)-Phyllantidine: Development and Mechanistic Evaluation of a Ring Expansion for Installation of Embedded Nitrogen-Oxygen Bonds. <i>Angewandte Chemie</i> , 2020, 132, 9844-9853.	2.0	5
33	Synthesis of Chiral Tetramic Acids: Preparation of (S)-5-Benzylpyrrolidine-2,4-dione from L-Phenylalanine Methyl Ester Hydrochloride. <i>Organic Syntheses</i> , 2019, 96, 528-585.	1.0	3
34	Total Synthesis of (+)- and (±)-Hosieine...A. <i>Angewandte Chemie</i> , 2018, 130, 7790-7793.	2.0	2
35	Supercharging Prions via Amyloid-Selective Lysine Acetylation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15069-15079.	13.8	2
36	Synthetic studies towards (±)-isopalhinine A: Preparation of the bicyclic core via Nazarov cyclization. <i>Tetrahedron Letters</i> , 2021, 74, 153177.	1.4	2

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37	A ring expansion approach to N-oxy-2,5-diketopiperazines. <i>Tetrahedron Letters</i> , 2022, 99, 153851.	1.4	1
38	Amos B Smith, III: chemist, collaborator and mentor. <i>Journal of Antibiotics</i> , 2016, 69, 189-189.	2.0	0
39	Supercharging Prions via Amyloid-selective Lysine Acetylation. <i>Angewandte Chemie</i> , 2021, 133, 15196-15206.	2.0	0