

John W Ward

List of Publications by Year in descending order

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27
papers

2,002
citations

430874

18
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence-Specific Peptide Synthesis by an Artificial Small-Molecule Machine. <i>Science</i> , 2013, 339, 189-193.	12.6	659
2	Synthesis of Stable Thiazole-Linked Covalent Organic Frameworks via a Multicomponent Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 11131-11138.	13.7	158
3	Accelerated Synthesis and Discovery of Covalent Organic Framework Photocatalysts for Hydrogen Peroxide Production. <i>Journal of the American Chemical Society</i> , 2022, 144, 9902-9909.	13.7	154
4	Efficient Assembly of Threaded Molecular Machines for Sequence-Specific Synthesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 5811-5814.	13.7	130
5	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11153-11157.	13.8	108
6	Asymmetric α -arylation of amino acids. <i>Nature</i> , 2018, 562, 105-109.	27.8	105
7	Using sound to synthesize covalent organic frameworks in water. , 2022, 1, 87-95.		92
8	A Cubic 3D Covalent Organic Framework with nbo Topology. <i>Journal of the American Chemical Society</i> , 2021, 143, 15011-15016.	13.7	87
9	Expedient Construction of the [7 α -5 α] All-Carbon Tricyclic Core of the Daphniphyllum Alkaloids Daphnilongeranin B and Daphniyunnine D. <i>Organic Letters</i> , 2012, 14, 1684-1687.	4.6	65
10	Sequence-Specific β -Peptide Synthesis by a Rotaxane-Based Molecular Machine. <i>Journal of the American Chemical Society</i> , 2017, 139, 10875-10879.	13.7	61
11	Expedient Route to the Functionalized Calyciphylline A-Type Skeleton via a Michael Addition-RCM Strategy. <i>Organic Letters</i> , 2011, 13, 5132-5135.	4.6	55
12	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. <i>Angewandte Chemie</i> , 2016, 128, 11319-11323.	2.0	50
13	Highly Stereoselective Oxy-Michael Additions to α,β -Unsaturated α -Keto Esters: Rapid Enantioselective Synthesis of 3-Hydroxybutenolides. <i>Organic Letters</i> , 2008, 10, 565-567.	4.6	42
14	Triply Threaded [4]Rotaxanes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12643-12647.	13.7	42
15	Competing Hydrogen-Bond Polarities in a Dynamic Oligoureia Foldamer: A Molecular Spring Torsion Balance. <i>Journal of the American Chemical Society</i> , 2018, 140, 3528-3531.	13.7	41
16	BIMP-Catalyzed 1,3-Prototropic Shift for the Highly Enantioselective Synthesis of Conjugated Cyclohexenones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17417-17422.	13.8	24
17	A molecular communication channel consisting of a single reversible chain of hydrogen bonds in a conformationally flexible oligomer. <i>CheM</i> , 2021, 7, 2460-2472.	11.7	23
18	Bottom-up wet-chemical synthesis of a two-dimensional porous carbon material with high supercapacitance using a cascade coupling/cyclization route. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3303-3308.	10.3	23

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19	Connective synthesis of 5,5-disubstituted hydantoins by tandem α -amination and α -arylation of silyl ketene acetals. <i>Chemical Science</i> , 2019, 10, 3408-3412.	7.4	20
20	Substituted Dihydroisoquinolinones by Iodide-Promoted Cyclocarbonylation of Aromatic α -Amino Acids. <i>Organic Letters</i> , 2018, 20, 7977-7981.	4.6	18
21	Construction of perhydro indol-2-ones by a methoxide catalyzed deacetylation- α -Michael-aldol cascade. <i>Chemical Communications</i> , 2010, 46, 1691.	4.1	14
22	Hydantoin-bridged medium ring scaffolds by migratory insertion of urea-tethered nitrile anions into aromatic C-N bonds. <i>Chemical Science</i> , 2021, 12, 2091-2096.	7.4	8
23	Amino Acid-Derived trans-N-Chloroformylimidazolidinones: Scalable, Stereoselective Synthesis, Structure, and Utility. <i>Journal of Organic Chemistry</i> , 2019, 84, 7199-7206.	3.2	6
24	BIMP-Catalyzed 1,3-Prototropic Shift for the Highly Enantioselective Synthesis of Conjugated Cyclohexenones. <i>Angewandte Chemie</i> , 2020, 132, 17570-17575.	2.0	6
25	Scalable synthesis and coupling of quaternary α -arylated amino acids: α -aryl substituents are tolerated in α -helical peptides. <i>Chemical Science</i> , 2021, 12, 9386-9390.	7.4	5
26	Origin of Diastereocontrol in the Oxy-Michael Reactions of α -Lactol Anions: A Computational and Experimental Study. <i>Chemistry - A European Journal</i> , 2008, 14, 9607-9612.	3.3	4
27	α -Reverse biomimetic synthesis of l-arogenate and its stabilized analogues from l-tyrosine. <i>Chemical Science</i> , 2021, 12, 11394-11398.	7.4	2