

John W Ward

List of Publications by Year in descending order

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papers

2,002
citations

430874

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26
g-index

31
all docs

31
docs citations

31
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	Using sound to synthesize covalent organic frameworks in water. , 2022, 1, 87-95.		92
2	Accelerated Synthesis and Discovery of Covalent Organic Framework Photocatalysts for Hydrogen Peroxide Production. Journal of the American Chemical Society, 2022, 144, 9902-9909.	13.7	154
3	Scalable synthesis and coupling of quaternary β -arylated amino acids: β -aryl substituents are tolerated in β -helical peptides. Chemical Science, 2021, 12, 9386-9390.	7.4	5
4	Reverse biomimetic synthesis of l-arogenate and its stabilized analogues from l-tyrosine. Chemical Science, 2021, 12, 11394-11398.	7.4	2
5	Hydantoin-bridged medium ring scaffolds by migratory insertion of urea-tethered nitrile anions into aromatic C=N bonds. Chemical Science, 2021, 12, 2091-2096.	7.4	8
6	A molecular communication channel consisting of a single reversible chain of hydrogen bonds in a conformationally flexible oligomer. Chem, 2021, 7, 2460-2472.	11.7	23
7	A Cubic 3D Covalent Organic Framework with nbo Topology. Journal of the American Chemical Society, 2021, 143, 15011-15016.	13.7	87
8	Bottom-up wet-chemical synthesis of a two-dimensional porous carbon material with high supercapacitance using a cascade coupling/cyclization route. Journal of Materials Chemistry A, 2021, 9, 3303-3308.	10.3	23
9	BIMP-Catalyzed 1,3-Prototropic Shift for the Highly Enantioselective Synthesis of Conjugated Cyclohexenones. Angewandte Chemie, 2020, 132, 17570-17575.	2.0	6
10	Synthesis of Stable Thiazole-Linked Covalent Organic Frameworks via a Multicomponent Reaction. Journal of the American Chemical Society, 2020, 142, 11131-11138.	13.7	158
11	BIMP-Catalyzed 1,3-Prototropic Shift for the Highly Enantioselective Synthesis of Conjugated Cyclohexenones. Angewandte Chemie - International Edition, 2020, 59, 17417-17422.	13.8	24
12	Amino Acid-Derived trans-N-Chloroformylimidazolidinones: Scalable, Stereoselective Synthesis, Structure, and Utility. Journal of Organic Chemistry, 2019, 84, 7199-7206.	3.2	6
13	Connective synthesis of 5,5-disubstituted hydantoins by tandem β -amination and β -arylation of silyl ketene acetals. Chemical Science, 2019, 10, 3408-3412.	7.4	20
14	Competing Hydrogen-Bond Polarities in a Dynamic Oligourea Foldamer: A Molecular Spring Torsion Balance. Journal of the American Chemical Society, 2018, 140, 3528-3531.	13.7	41
15	Substituted Dihydroisoquinolinones by Iodide-Promoted Cyclocarbonylation of Aromatic β -Amino Acids. Organic Letters, 2018, 20, 7977-7981.	4.6	18
16	Asymmetric β -arylation of amino acids. Nature, 2018, 562, 105-109.	27.8	105
17	Sequence-Specific β -Peptide Synthesis by a Rotaxane-Based Molecular Machine. Journal of the American Chemical Society, 2017, 139, 10875-10879.	13.7	61
18	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. Angewandte Chemie, 2016, 128, 11319-11323.	2.0	50

#	ARTICLE	IF	CITATIONS
19	Triply Threaded [4]Rotaxanes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12643-12647.	13.7	42
20	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11153-11157.	13.8	108
21	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
22	Sequence-Specific Peptide Synthesis by an Artificial Small-Molecule Machine. <i>Science</i> , 2013, 339, 189-193.	12.6	659
23	Expedient Construction of the [7 ⁺ 5 ⁻] All-Carbon Tricyclic Core of the Daphniphyllum Alkaloids Daphnilongeranin B and Daphniyunnine D. <i>Organic Letters</i> , 2012, 14, 1684-1687.	4.6	65
24	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
25	Construction of perhydro indol-2-ones by a methoxide catalyzed deacetylation-Michael-aldol cascade. <i>Chemical Communications</i> , 2010, 46, 1691.	4.1	14
26	Origin of Diastereocontrol in the Oxy-Michael Reactions of β -Lactol Anions: A Computational and Experimental Study. <i>Chemistry - A European Journal</i> , 2008, 14, 9607-9612.	3.3	4
27	Highly Stereoselective Oxy-Michael Additions to α,β -Unsaturated β -Keto Esters: Rapid Enantioselective Synthesis of 3-Hydroxybutenolides. <i>Organic Letters</i> , 2008, 10, 565-567.	4.6	42