

Xavier Just-Baringo

List of Publications by Year in descending order

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29
papers

872
citations

623734

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477307

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docs citations

33
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the exfoliation mechanism of pyrene-assisted liquid phase exfoliation of graphene from lateral size-thickness characterisation. <i>Carbon</i> , 2022, 186, 550-559.	10.3	12
2	Enhanced liquid phase exfoliation of graphene in water using an insoluble bis-pyrene stabiliser. <i>Faraday Discussions</i> , 2021, 227, 46-60.	3.2	12
3	Controlling Antibacterial Activity Exclusively with Visible Light: Introducing a Tetra <i>ortho</i> -ChloroAzobenzene Amino Acid. <i>Chemistry - A European Journal</i> , 2021, 27, 12987-12991.	3.3	7
4	Stable, concentrated, biocompatible, and defect-free graphene dispersions with positive charge. <i>Nanoscale</i> , 2020, 12, 12383-12394.	5.6	23
5	Palladium catalysed C-H arylation of pyrenes: access to a new class of exfoliating agents for water-based graphene dispersions. <i>Chemical Science</i> , 2020, 11, 2472-2478.	7.4	10
6	Evidence for Site-Specific Reversible Hydrogen Adsorption on Graphene by Sum-Frequency Generation Spectroscopy and Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25883-25889.	3.1	6
7	Charge-tunable graphene dispersions in water made with amphoteric pyrene derivatives. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 503-510.	3.4	13
8	Biocatalytic Conversion of Cyclic Ketones Bearing $\hat{\pm}$ Quaternary Stereocenters into Lactones in an Enantioselective Radical Approach to Medium-Sized Carbocycles. <i>Angewandte Chemie</i> , 2018, 130, 3754-3758.	2.0	13
9	Biocatalytic Conversion of Cyclic Ketones Bearing $\hat{\pm}$ Quaternary Stereocenters into Lactones in an Enantioselective Radical Approach to Medium-Sized Carbocycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3692-3696.	13.8	32
10	Samarium(II) folding cascades involving hydrogen atom transfer for the synthesis of complex polycycles. <i>Nature Communications</i> , 2018, 9, 4802.	12.8	16
11	Cyclometallated ruthenium catalyst enables late-stage directed arylation of pharmaceuticals. <i>Nature Chemistry</i> , 2018, 10, 724-731.	13.6	124
12	Ketone C-C Bond Activation Meets the Suzuki-Miyaura Cross-coupling. <i>Chem</i> , 2018, 4, 1203-1204.	11.7	4
13	Reduction of Selenoamides to Amines Using Sm^{2+} - H_2O . <i>Organic Letters</i> , 2017, 19, 50-53.	4.6	8
14	Selective Synthesis of Cyclooctanoids by Radical Cyclization of Seven-Membered Lactones: Neutron Diffraction Study of the Stereoselective Deuteration of a Chiral Organosamarium Intermediate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12499-12502.	13.8	19
15	Selective Synthesis of Cyclooctanoids by Radical Cyclization of Seven-Membered Lactones: Neutron Diffraction Study of the Stereoselective Deuteration of a Chiral Organosamarium Intermediate. <i>Angewandte Chemie</i> , 2016, 128, 12687-12690.	2.0	5
16	$\text{SmCp}^*\text{-R}^{2+}$ -mediated cross-coupling of allyl and propargyl ethers with ketoesters and a telescoped approach to complex cycloheptanols. <i>Chemical Communications</i> , 2016, 52, 13503-13506.	4.1	15
17	Highly selective Sm^{2+} - H_2O -promoted radical cyclisation of five-membered lactones. <i>Tetrahedron</i> , 2016, 72, 7691-7698.	1.9	11
18	Sm(II)-Mediated Electron Transfer to Carboxylic Acid Derivatives: Development of Complexity-Generating Cascades. <i>Accounts of Chemical Research</i> , 2015, 48, 1263-1275.	15.6	122

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19	Overcoming synthetic challenges in target synthesis using Sml2: recent advances. <i>Organometallic Chemistry</i> , 2015, , 1-32.	0.6	5
20	Thiopeptide Antibiotics: Retrospective and Recent Advances. <i>Marine Drugs</i> , 2014, 12, 317-351.	4.6	151
21	Thiopeptide Engineering: A Multidisciplinary Effort towards Future Drugs. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6602-6616.	13.8	80
22	Dissecting the Structure of Thiopeptides: Assessment of Thiazoline and Tail Moieties of Baringolin and Antibacterial Activity Optimization. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4185-4195.	6.4	23
23	Chiral Thiazoline and Thiazole Building Blocks for the Synthesis of Peptide- Derived Natural Products. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1244-1256.	2.1	14
24	From 2,6-dichloronicotinic Acid to Thiopeptide Cores. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6404-6419.	2.4	6
25	Total Synthesis and Stereochemical Assignment of Baringolin. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7818-7821.	13.8	37
26	Total Synthesis of Aeruginazole A. <i>Organic Letters</i> , 2011, 13, 4648-4651.	4.6	18
27	Highly efficient, multigram and enantiopure synthesis of (S)-2-(2,4-bithiazol-2-yl)pyrrolidine. <i>Tetrahedron Letters</i> , 2011, 52, 5435-5437.	1.4	10
28	EDOTn and MIM, new peptide backbone protecting groups. <i>Biopolymers</i> , 2008, 90, 444-449.	2.4	23
29	Fmoc-2-mercaptobenzothiazole, for the introduction of the Fmoc moiety free of side-reactions. <i>Biopolymers</i> , 2007, 88, 733-737.	2.4	34