

Martin Babor

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

346
citations

1162367

8
h-index

839053

18
g-index

25
all docs

25
docs citations

25
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron diffraction determines molecular absolute configuration in a pharmaceutical nanocrystal. <i>Science</i> , 2019, 364, 667-669.	6.0	123
2	<i>CrystalCMP</i> : an easy-to-use tool for fast comparison of molecular packing. <i>Journal of Applied Crystallography</i> , 2016, 49, 2172-2183.	1.9	72
3	First Crystal Structures of Pharmaceutical Ibrutinib: Systematic Solvate Screening and Characterization. <i>Crystal Growth and Design</i> , 2017, 17, 3116-3127.	1.4	49
4	A high throughput screening method for the nano-crystallization of salts of organic cations. <i>Chemical Science</i> , 2018, 9, 3716-3722.	3.7	23
5	Complex methodology for rational design of Apremilast-benzoic acid co-crystallization process. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118639.	2.6	11
6	Microbatch under-oil salt screening of organic cations: single-crystal growth of active pharmaceutical ingredients. <i>IUCr</i> , 2019, 6, 145-151.	1.0	10
7	Synthesis of upper rim-double-bridged calix[4]arenes bearing seven membered rings and related compounds. <i>RSC Advances</i> , 2019, 9, 22017-22030.	1.7	9
8	Flavin Catalysis Employing an N(5)â€Adduct: an Application in the Aerobic Organocatalytic Mitsunobu Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3264-3268.	1.2	9
9	Regioselective S_NAr reaction of the phenoxathiin-based thiacalixarene as a route to a novel macrocyclic skeleton. <i>Chemical Communications</i> , 2020, 56, 78-81.	2.2	9
10	Formation of the First Non-Isostructural Cocrystal of Apremilast Explained. <i>Crystal Growth and Design</i> , 2020, 20, 5785-5795.	1.4	8
11	Chemoselective oxidation of phenoxathiin-based thiacalix[4]arene and the stereoselective alkylation of products. <i>New Journal of Chemistry</i> , 2018, 42, 20074-20086.	1.4	6
12	Reaction of lithiated thiophene-derived aminocarbene complexes with inorganic halides: Preparation of a heteroatom containing mono- and multicarbene complexes. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 90-95.	0.8	4
13	Chemistry of 2,14-Dithiacalix[4]arene: Alkylation and Conformational Behavior of Peralkylated Products. <i>Journal of Organic Chemistry</i> , 2019, 84, 11572-11580.	1.7	4
14	Synthesis of enantiomerically pure inherently chiral calix[4]arenes using the meta-substitution strategy. <i>Tetrahedron Letters</i> , 2019, 60, 260-263.	0.7	3
15	Nucleophile-induced transformation of phenoxathiin-based thiacalixarenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8075-8085.	1.5	2
16	Intriguing Cytotoxicity of the Street Dissociative Anesthetic Methoxphenidine: Unexpected Impurities Spotted. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2083.	1.8	2
17	X-ray powder diffraction data for methoxetamine hydrochloride, C₁₅H₂₂ClNO₂. <i>Powder Diffraction</i> , 2017, 32, 265-267.	0.4	1
18	X-ray powder diffraction data for methoxmetamine hydrochloride, C₁₄H₂₀ClNO₂. <i>Powder Diffraction</i> , 2018, 33, 242-245.	0.4	1

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19	Structural characterization of various salts of trospium: from small change of anion to huge unit cell. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s351-s351.	0.0	0
20	Diastereoselective Cyclopropanation through Michael Addition-initiated Ring Closure between α,β -Dibromoketones and α,β -Unsaturated Fischer Carbene Complexes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 429-436.	1.2	0
21	Novel screening method for the crystallization of salts of organic cations. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e143-e143.	0.0	0
22	Nano-crystallization: applying the methods of macromolecular crystallography for small molecules. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e660-e660.	0.0	0
23	Absolute configuration of pharmaceutical molecules determined from a nanocrystal by electron diffraction. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e457-e457.	0.0	0
24	Polypropylene and rendering fat degrading to value-added chemicals by direct liquefaction and fast-pyrolysis. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 1027-1036.	2.9	0
25	Structure-property relations of a unique and systematic dataset of 19 isostructural multicomponent apremilast forms. <i>IUCr</i> , 2022, 9, 508-515.	1.0	0