

Andreas Barth

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20 papers	243 citations	8 h-index	15 g-index
22 ext. papers	288 ext. citations	2.8 avg, IF	3.29 L-index

#	Paper	IF	Citations
20	A comprehensive analysis of the history of DFT based on the bibliometric method RPYS. <i>Journal of Cheminformatics</i> , 2019 , 11, 72	8.6	15
19	A deep analysis of chemical structure-based patent searching in the Derwent index space. <i>World Patent Information</i> , 2018 , 53, 49-57	1.4	4
18	Evolution of DFT studies in view of a scientometric perspective. <i>Journal of Cheminformatics</i> , 2016 , 8, 52	8.6	25
17	A Novel Concept for the Search and Retrieval of the Derwent Markush Resource Database. <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 821-9	6.1	7
16	Detecting the historical roots of research fields by reference publication year spectroscopy (RPYS). <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 751-764	2.7	97
15	On the origins and the historical roots of the Higgs boson research from a bibliometric perspective. <i>European Physical Journal Plus</i> , 2014 , 129, 1	3.1	20
14	The Normalization of Citation Counts Based on Classification Systems. <i>Publications</i> , 2013 , 1, 78-86	1.7	17
13	Stimulation of Ideas through Compound-Based Bibliometrics: Counting and Mapping Chemical Compounds for Analyzing Research Topics in Chemistry, Physics, and Materials Science. <i>ChemistryOpen</i> , 2012 , 1, 276-83	2.3	6
12	Addition of Iridium to the Biopolymer Mediated Synthesis of YBa ₂ Cu ₃ O ₇ □ <i>Physics Procedia</i> , 2012 , 36, 544-550		
11	Carbon Nanotubes □ A scientometric study 2010 ,		3
10	On the incorporation of beryllium into the biotemplated synthesis of Y Ba ₂ Cu ₃ O ₇ □ <i>Superconductor Science and Technology</i> , 2010 , 23, 095003	3.1	3
9	Mapping High-Temperature Superconductors □ A Scientometric Approach. <i>Journal of Superconductivity and Novel Magnetism</i> , 2008 , 21, 113-128	1.5	7
8	Carbon nanotubes □ A scientometric study. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2347-2351	1.3	9
7	Messenger and S4: A Comparison of Structure Search Systems. <i>Journal of Chemical Information and Computer Sciences</i> , 1994 , 34, 714-722		5
6	SpecInfo: An integrated spectroscopic information system. <i>Journal of Chemical Information and Computer Sciences</i> , 1993 , 33, 52-58		11
5	STN Implementation of Factual and Structure Databases. <i>ACS Symposium Series</i> , 1990 , 24-41	0.4	2
4	Physical Property Data. <i>ACS Symposium Series</i> , 1990 , 113-129	0.4	

- 3 Status and future developments of reaction databases and online retrieval systems. *Journal of Chemical Information and Computer Sciences*, **1990**, 30, 384-393 12
- 2 Numeric Features of the Beilstein Database on STN **1988**, 39-64
- 1 Bibliographic Databases 507-522