Andreas Barth

List of Publications by Citations

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	Detecting the historical roots of research fields by reference publication year spectroscopy (RPYS). *Journal of the Association for Information Science and Technology*, **2014**, 65, 751-764	2.7	97
19	Evolution of DFT studies in view of a scientometric perspective. *Journal of Cheminformatics*, **2016**, 8, 52	8.6	25
18	On the origins and the historical roots of the Higgs boson research from a bibliometric perspective. *European Physical Journal Plus*, **2014**, 129, 1	3.1	20
17	The Normalization of Citation Counts Based on Classification Systems. *Publications*, **2013**, 1, 78-86	1.7	17
16	A comprehensive analysis of the history of DFT based on the bibliometric method RPYS. *Journal of Cheminformatics*, **2019**, 11, 72	8.6	15
15	Status and future developments of reaction databases and online retrieval systems. *Journal of Chemical Information and Computer Sciences*, **1990**, 30, 384-393		12
14	SpecInfo: An integrated spectroscopic information system. *Journal of Chemical Information and Computer Sciences*, **1993**, 33, 52-58		11
13	Carbon nanotubes A scientometric study. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 2347-2351	1.3	9
12	Mapping High-Temperature SuperconductorsA Scientometric Approach. *Journal of Superconductivity and Novel Magnetism*, **2008**, 21, 113-128	1.5	7
11	A Novel Concept for the Search and Retrieval of the Derwent Markush Resource Database. *Journal of Chemical Information and Modeling*, **2016**, 56, 821-9	6.1	7
10	Stimulation of Ideas through Compound-Based Bibliometrics: Counting and Mapping Chemical Compounds for Analyzing Research Topics in Chemistry, Physics, and Materials Science. *ChemistryOpen*, **2012**, 1, 276-83	2.3	6
9	Messenger and S4: A Comparison of Structure Search Systems. *Journal of Chemical Information and Computer Sciences*, **1994**, 34, 714-722		5
8	A deep analysis of chemical structure-based patent searching in the Derwent index space. *World Patent Information*, **2018**, 53, 49-57	1.4	4
7	Carbon Nanotubes A scientometric study **2010**,		3
6	On the incorporation of beryllium into the biotemplated synthesis of Y Ba2Cu3O7 *Superconductor Science and Technology*, **2010**, 23, 095003	3.1	3
5	STN Implementation of Factual and Structure Databases. *ACS Symposium Series*, **1990**, 24-41	0.4	2
4	Addition of Iridium to the Biopolymer Mediated Synthesis of YBa2Cu3O7 *Physics Procedia*, **2012**, 36, 544-550		

3 Physical Property Data. *ACS Symposium Series*, **1990**, 113-129 0.4

2 Bibliographic Databases507-522

1 Numeric Features of the Beilstein Database on STN **1988**, 39-64