Martin Paul BrÃ¤ndle

List of Publications by Year
in descending order

17 papers	1,023 citations	933264 10 h-index	887953 17 g-index
17 all docs	17 docs citations	17 times ranked	908 citing authors

#	Article	IF	Citations
1	Acidity Differences between Inorganic Solids Induced by Their Framework Structure. A Combined Quantum Mechanics/Molecular Mechanics ab Initio Study on Zeolites. Journal of the American Chemical Society, 1998, 120, 1556-1570.	6.6	359
2	Predicting Absolute and Site Specific Acidities for Zeolite Catalysts by a Combined Quantum Mechanics/Interatomic Potential Function Approachâ€. Journal of Physical Chemistry B, 1997, 101, 10035-10050.	1.2	227
3	Citation analysis with microsoft academic. Scientometrics, 2017, 111, 371-378.	1.6	111
4	The coverage of Microsoft Academic: analyzing the publication output of a university. Scientometrics, 2017, 113, 1551-1571.	1.6	93
5	Comparison of a combined quantum mechanics/interatomic potential function approach with its periodic quantum-mechanical limit: Proton siting and ammonia adsorption in zeolite chabazite. Journal of Chemical Physics, 1998, 109, 10379-10389.	1.2	66
6	Combining ab initio techniques with analytical potential functions. A study of zeolite-adsorbate interactions for NH3 on H-faujasite. Journal of Molecular Catalysis A, 1997, 119, 19-33.	4.8	57
7	Molecular Geometries by the Extended-HÃ¼ckelMolecular Orbital method II: Hydrocarbons and organic molecules containing O, N, and S. Helvetica Chimica Acta, 1993, 76, 924-951.	1.0	32
8	On the interpretation of the experimental Raman spectrum of Î²-eucryptite LiAlSiO4 from atomistic computer modeling. Journal of Non-Crystalline Solids, 2000, 274, 264-270.	1.5	13
9	Resource description framework technologies in chemistry. Journal of Cheminformatics, 2011, 3, 15.	2.8	11
10	Molecular Geometries by the Extended-HÃ¼ckelMolecular Orbital Method III: Band-structure calculations. Helvetica Chimica Acta, 1993, 76, 2350-2355.	1.0	10
11	Size quantization and surface states of molybdenum sulphide clusters: a molecular orbital approach. Chemical Physics, 1995, 201, 141-150.	0.9	9
12	The number of linked references of publications in Microsoft Academic in comparison with the Web of Science. Scientometrics, 2018, 114, 367-370.	1.6	8
13	The MP2 binding energy of the ethene dimer and its dependence on the auxiliary basis sets: a benchmark study using a newly developed infrastructure for the processing of quantum chemical data. Molecular Physics, 2012, 110, 2523-2534.	0.8	7
14	Chemical Information Media in the Chemistry Lecture Hall: A Comparative Assessment of Two Online Encyclopedias. Chimia, 2010, 64, 309.	0.3	6
15	Silver clusters in the cages of zeolites: A quantum chemical study. Research on Chemical Intermediates, 1994, 20, 783-806.	1.3	5
16	The quantum chemical search for novel materials and the issue of data processing: The InfoMol project. Journal of Computational Science, 2016, 15, 65-73.	1.5	5
17	Statistical Analysis of Quantum Chemical Data Using Generalized XML/CML Archives for the Derivation of Molecular Design Rules. Chimia, 2007, 61, 165-168.	0.3	4