Kevin Maik Jablonka

List of Publications by Year
in descending order

14	1,092	840585 11	1125617 13
papers	citations	h-index	g-index

27	27	27	886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Making Molecules Vibrate: Interactive Web Environment for the Teaching of Infrared Spectroscopy. Journal of Chemical Education, 2022, 99, 561-569.	1.1	13
2	Data-Driven Matching of Experimental Crystal Structures and Gas Adsorption Isotherms of Metalâ€“Organic Frameworks. Journal of Chemical & Engineering Data, 2022, 67, 1743-1756.	1.0	6
3	Making the collective knowledge of chemistry open and machine actionable. Nature Chemistry, 2022, 14, 365-376.	6.6	34
4	Characterization of Chemisorbed Species and Active Adsorption Sites in Mgâ€“Al Mixed Metal Oxides for High-Temperature CO₂ Capture. Chemistry of Materials, 2022, 34, 3893-3901.	3.2	10
5	Bias free multiobjective active learning for materials design and discovery. Nature Communications, 2021, 12, 2312.	5.8	78
6	Using collective knowledge to assign oxidation states of metal cations in metalâ€“organic frameworks. Nature Chemistry, 2021, 13, 771-777.	6.6	35
7	A data-driven perspective on the colours of metalâ€“organic frameworks. Chemical Science, 2021, 12, 3587-3598.	3.7	16
8	Diversifying Databases of Metal Organic Frameworks for High-Throughput Computational Screening. ACS Applied Materials & Interfaces, 2021, 13, 61004-61014.	4.0	50
9	The Role of Machine Learning in the Understanding and Design of Materials. Journal of the American Chemical Society, 2020, 142, 20273-20287.	6.6	179
10	Understanding the diversity of the metal-organic framework ecosystem. Nature Communications, 2020, 11, 4068.	5.8	282
11	Charge Separation and Charge Carrier Mobility in Photocatalytic Metalâ€Organic Frameworks. Advanced Functional Materials, 2020, 30, 2003792.	7.8	64
12	Big-Data Science in Porous Materials: Materials Genomics and Machine Learning. Chemical Reviews, 2020, 120, 8066-8129.	23.0	284
13	Applicability of Tail Corrections in the Molecular Simulations of Porous Materials. Journal of Chemical Theory and Computation, 2019, 15, 5635-5641.	2.3	30
14	Grundlagen der Thermodynamik fÃ¼r Studierende der Chemie. Essentials, 2017, , .	0.1	0