Manuel Wilke

List of Publications by Year
in descending order

18 papers	551 citations	840776 11 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	593 citing authors

#	Article	IF	Citations
1	A new route to polyoxometalates via mechanochemistry. Chemical Science, 2022, 13, 1146-1151.	7.4	8
2	Metastability and Seeding Effects in the Mechanochemical Hybrid Lead(II) Iodide Formation. Chemistry - A European Journal, 2021, 27, 5944-5955.	3.3	3
3	Monitoring polymer-assisted mechanochemical cocrystallisation through in situ X-ray powder diffraction. Chemical Communications, 2020, 56, 8743-8746.	4.1	15
4	Cadmium benzylphosphonates â€“ the close relationship between structure and properties. CrystEngComm, 2019, 21, 5958-5964.	2.6	5
5	Frontispiece: Insight into the Mechanochemical Synthesis and Structural Evolution of Hybrid Organic-Inorganic Guanidinium Lead(II) Iodides. Chemistry - A European Journal, 2018, 24, .	3.3	0
6	Insight into the Mechanochemical Synthesis and Structural Evolution of Hybrid Organicâ€“Inorganic Guanidinium Lead(II) Iodides. Chemistry - A European Journal, 2018, 24, 17701-17711.	3.3	26
7	Synthesis, characterization and in situ monitoring of the mechanochemical reaction process of two manganese(II)-phosphonates with N-containing ligands. Journal of Materials Science, 2018, 53, 13390-13399.	3.7	11
8	Mechanochemical synthesis of cerium(IV)-phosphonates. Journal of Materials Science, 2018, 53, 13733-13741.	3.7	6
9	Warming up for mechanosynthesis â€“ temperature development in ball mills during synthesis. Chemical Communications, 2017, 53, 1664-1667.	4.1	109
10	Crystalline bilayers unzipped and rezipped: solid-state reaction cycle of a metalâ€“organic framework with triple rearrangement of intralayer bonds. CrystEngComm, 2017, 19, 2987-2995.	2.6	12
11	Crystal structure and in situ investigation of a mechanochemical synthesized 3D zinc N-(phosphonomethyl)glycinate. Journal of Materials Science, 2017, 52, 12013-12020.	3.7	10
12	Divalent metal phosphonates â€“ new aspects for syntheses, in situ characterization and structure solution. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, 209-222.	0.8	7
13	The structure and in situ synthesis investigation of isomorphic mononuclear molecular metal phenylphosphonates. Dalton Transactions, 2016, 45, 9460-9467.	3.3	17
14	The crystallisation of copper(<scp>ii</scp>) phenylphosphonates. Dalton Transactions, 2016, 45, 17453-17463.	3.3	12
15	Cadmium phenylphosphonates: preparation, characterisation and in situ investigation. RSC Advances, 2016, 6, 36011-36019.	3.6	27
16	Fast and efficient synthesis of a host guest system: a mechanochemical approach. CrystEngComm, 2016, 18, 1096-1100.	2.6	16
17	Direct Inâ€…Situ Investigation of Milling Reactions Using Combined Xâ€ray Diffraction and Raman Spectroscopy. Angewandte Chemie - International Edition, 2015, 54, 1799-1802.	13.8	188
18	Synthesis, structure determination, and formation of a theobromineâ€‰:â€‰oxalic acid 2â€‰:â€‰1 cocrystal. CrystEngComm, 2015, 17, 824-829.	2.6	36