

Manuel Wilke

List of Publications by Year in descending order

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18
papers

551
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840585

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839398

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21
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docs citations

21
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	A new route to polyoxometalates <i>via</i> mechanochemistry. <i>Chemical Science</i> , 2022, 13, 1146-1151.	3.7	8
2	Metastability and Seeding Effects in the Mechanochemical Hybrid Lead(II) Iodide Formation. <i>Chemistry - A European Journal</i> , 2021, 27, 5944-5955.	1.7	3
3	Monitoring polymer-assisted mechanochemical cocrystallisation through <i>in situ</i> X-ray powder diffraction. <i>Chemical Communications</i> , 2020, 56, 8743-8746.	2.2	15
4	Cadmium benzylphosphonates – the close relationship between structure and properties. <i>CrystEngComm</i> , 2019, 21, 5958-5964.	1.3	5
5	Frontispiece: Insight into the Mechanochemical Synthesis and Structural Evolution of Hybrid Organic-Inorganic Guanidinium Lead(II) Iodides. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
6	Insight into the Mechanochemical Synthesis and Structural Evolution of Hybrid Organic-Inorganic Guanidinium Lead(II) Iodides. <i>Chemistry - A European Journal</i> , 2018, 24, 17701-17711.	1.7	26
7	Synthesis, characterization and <i>in situ</i> monitoring of the mechanochemical reaction process of two manganese(II)-phosphonates with N-containing ligands. <i>Journal of Materials Science</i> , 2018, 53, 13390-13399.	1.7	11
8	Mechanochemical synthesis of cerium(IV)-phosphonates. <i>Journal of Materials Science</i> , 2018, 53, 13733-13741.	1.7	6
9	Warming up for mechanosynthesis – temperature development in ball mills during synthesis. <i>Chemical Communications</i> , 2017, 53, 1664-1667.	2.2	109
10	Crystalline bilayers unzipped and reziped: solid-state reaction cycle of a metal-organic framework with triple rearrangement of intralayer bonds. <i>CrystEngComm</i> , 2017, 19, 2987-2995.	1.3	12
11	Crystal structure and <i>in situ</i> investigation of a mechanochemical synthesized 3D zinc N-(phosphonomethyl)glycinate. <i>Journal of Materials Science</i> , 2017, 52, 12013-12020.	1.7	10
12	Divalent metal phosphonates – new aspects for syntheses, <i>in situ</i> characterization and structure solution. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, 209-222.	0.4	7
13	The structure and <i>in situ</i> synthesis investigation of isomorphous mononuclear molecular metal phenylphosphonates. <i>Dalton Transactions</i> , 2016, 45, 9460-9467.	1.6	17
14	The crystallisation of copper(<i>II</i>) phenylphosphonates. <i>Dalton Transactions</i> , 2016, 45, 17453-17463.	1.6	12
15	Cadmium phenylphosphonates: preparation, characterisation and <i>in situ</i> investigation. <i>RSC Advances</i> , 2016, 6, 36011-36019.	1.7	27
16	Fast and efficient synthesis of a host guest system: a mechanochemical approach. <i>CrystEngComm</i> , 2016, 18, 1096-1100.	1.3	16
17	Direct <i>In Situ</i> Investigation of Milling Reactions Using Combined X-ray Diffraction and Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1799-1802.	7.2	188
18	Synthesis, structure determination, and formation of a theobromine-oxalic acid 2:1 cocrystal. <i>CrystEngComm</i> , 2015, 17, 824-829.	1.3	36