

Michael KÃ¼pers

List of Publications by Year in descending order

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12
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1307594

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times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Preferred selenium incorporation and unexpected interlayer bonding in the layered structure of Sb_2Te_3 . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 41-50.	0.7	2
2	Elucidation of the Active Sites for Monodisperse FePt and Pt Nanocrystal Catalysts for p-WSe_2 Photocathodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11877-11885.	3.1	10
3	Impact of Bonding on the Stacking Defects in Layered Chalcogenides. <i>Advanced Functional Materials</i> , 2019, 29, 1902332.	14.9	21
4	Understanding the Structure and Properties of Sesquichalcogenides (i.e., $\text{TjETQqO}_0\text{rgBT}/\text{Overlock } 10\text{Tf } 50\text{ } 627\text{ Td}$ (V_2/S)). <i>Journal of Physical Chemistry C</i> , 2020, 124, 11877-11885.	21.0	98
5	New insights on the GeSe-Te phase diagram from theory and experiment. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 246-256.	1.1	6
6	Unique Bond Breaking in Crystalline Phase Change Materials and the Quest for Metavalent Bonding. <i>Advanced Materials</i> , 2018, 30, e1706735.	21.0	175
7	Controlled Crystal Growth of Indium Selenide, In_2Se_3 , and the Crystal Structures of In_2Se_3 . <i>Inorganic Chemistry</i> , 2018, 57, 11775-11781.	4.0	97
8	Unerwartete Ge-Ge-Kontakte in der zweidimensionalen Phase $\text{Ge}_4\text{Se}_3\text{Te}$ und Analyse ihres chemischen Ursprungs mittels Energiedichte(DOE)-Funktion. <i>Angewandte Chemie</i> , 2017, 129, 10338-10342.	2.0	2
9	Unexpected Ge-Ge Contacts in the Two-Dimensional $\text{Ge}_4\text{Se}_3\text{Te}$ Phase and Analysis of Their Chemical Cause with the Density of Energy (DOE) Function. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10204-10208.	13.8	64
10	InnenrÄcktitelbild: Unerwartete Ge-Ge-Kontakte in der zweidimensionalen Phase $\text{Ge}_4\text{Se}_3\text{Te}$ und Analyse ihres chemischen Ursprungs mittels Energiedichte(DOE)-Funktion (Angew. Chem. 34/2017). <i>Angewandte Chemie</i> , 2017, 129, 10381-10381.	2.0	0
11	$\text{YCa}_3(\text{CrO})_3(\text{BO}_3)_4$: A Cr^{3+} KagomÄ© Lattice Compound Showing No Magnetic Order down to 2 K. <i>Inorganic Chemistry</i> , 2016, 55, 7535-7541.	4.0	6
12	Spin Frustration and Magnetic Ordering from One-Dimensional Stacking of Cr_3 Triangles in TiCr_2B_2 . <i>Inorganic Chemistry</i> , 2016, 55, 5640-5648.	4.0	14