

# Michael Käpers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6365243/publications.pdf>

Version: 2024-02-01

12  
papers

495  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique Bond Breaking in Crystalline Phase Change Materials and the Quest for Metavalent Bonding. <i>Advanced Materials</i> , 2018, 30, e1706735.	21.0	175
2	Understanding the Structure and Properties of Sesquichalcogenides (i.e.,) $TjETQq000rgBT/Overlock10Tf50707Td(V_{2/s}$	21.0	98
3	Controlled Crystal Growth of Indium Selenide, $In_2Se_3$ , and the Crystal Structures of $\pm In_2Se_3$ . <i>Inorganic Chemistry</i> , 2018, 57, 11775-11781.	4.0	97
4	Unexpected Ge-Ge Contacts in the Two-Dimensional $Ge_4Se_3Te$ 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
5	Impact of Bonding on the Stacking Defects in Layered Chalcogenides. <i>Advanced Functional Materials</i> , 2019, 29, 1902332.	14.9	21
6	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
7	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
8	$YCa_3(CrO)_3(BO_3)_4$ : A $Cr^{3+}$ Kagomé Lattice Compound Showing No Magnetic Order down to 2 K. <i>Inorganic Chemistry</i> , 2016, 55, 7535-7541.	4.0	6
9	New insights on the $GeSe_xTe_{1-x}$ 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
10	Unerwartete Ge-Ge-Kontakte in der zweidimensionalen Phase $Ge_4Se_3Te$ und Analyse ihres chemischen Ursprungs mittels Energiedichte(DOE)-Funktion. <i>Angewandte Chemie</i> , 2017, 129, 10338-10342.	2.0	2
11	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
12	Innenrücktitelbild: Unerwartete Ge-Ge-Kontakte in der zweidimensionalen Phase $Ge_4Se_3Te$ und Analyse ihres chemischen Ursprungs mittels Energiedichte(DOE)-Funktion ( <i>Angew. Chem.</i> 34/2017). <i>Angewandte Chemie</i> , 2017, 129, 10381-10381.	2.0	0