

Julia Dshemuchadse

List of Publications by Year in descending order

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29
papers

1,012
citations

623734

14
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1612
citing authors

#	ARTICLE	IF	CITATIONS
1	Gram-scale synthesis of two-dimensional polymer crystals and their structure analysis by X-ray diffraction. <i>Nature Chemistry</i> , 2014, 6, 779-784.	13.6	356
2	Large, larger, largest “ a family of cluster-based tantalum copper aluminides with giant unit cells. I. Structure solution and refinement. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 308-317.	1.8	69
3	Clusters of polyhedra in spherical confinement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E669-78.	7.1	68
4	Structural building principles of complex face-centered cubic intermetallics. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 269-292.	1.8	50
5	Engineering entropy for the inverse design of colloidal crystals from hard shapes. <i>Science Advances</i> , 2019, 5, eaaw0514.	10.3	49
6	Some Statistics on Intermetallic Compounds. <i>Inorganic Chemistry</i> , 2015, 54, 1120-1128.	4.0	38
7	Crystallographic superstructure in PdSi_2		

#	ARTICLE	IF	CITATIONS
19	Computational self-assembly of colloidal crystals from Platonic polyhedral sphere clusters. <i>Soft Matter</i> , 2019, 15, 6288-6299.	2.7	9
20	On the Symmetry and Composition of Complex Intermetallics. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1517, 1.	0.1	7
21	Tetrakis(4-aminotriazole)platinum(II) Salts: Syntheses, Crystal Structures, and Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 724-732.	1.2	7
22	A new complex intermetallic phase in the system Al-Cu-Ta with familiar clusters and packing principles. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 238-248.	1.1	6
23	More of the "Fullercages". <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 693-700.	1.2	6
24	Inverse design of compression-induced solid " solid transitions in colloids. <i>Molecular Simulation</i> , 2020, 46, 1037-1044.	2.0	6
25	Real space crystallography of a complex metallic alloy: high-angle annular dark-field scanning transmission electron microscopy of α -Al ₄ (Cr,Fe). <i>Journal of Applied Crystallography</i> , 2014, 47, 1026-1031.	4.5	5
26	Soft matter crystallography"Complex, diverse, and new crystal structures in condensed materials on the mesoscale. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	5
27	Shape-controlled crystallisation pathways in dense fluids of <i>ccp</i> -forming hard polyhedra. <i>Molecular Physics</i> , 2019, 117, 3819-3826.	1.7	4
28	Trinuclear Complexes of Nickel(II) and 4-Amino-1,2,4-triazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2344-2349.	1.2	3
29	Special Issue "Complex intermetallics " structures and properties". <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, 485-486.	0.8	0