

Irina Chuvashova

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

417
citations

1162889

8
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	Reflectance of rhenium as a function of pressure in a diamond anvil cell. Applied Physics Letters, 2022, 120, .	1.5	1
2	Verwey-Type Charge Ordering and Site-Selective Mott Transition in Fe ₄ O ₅ under Pressure. Journal of the American Chemical Society, 2022, 144, 10259-10269.	6.6	7
3	A Room-Temperature Verwey-Type Transition in Iron Oxide, Fe ₅ O ₆ . Angewandte Chemie, 2020, 132, 5681-5685.	1.6	2
4	A Room-Temperature Verwey-Type Transition in Iron Oxide, Fe ₅ O ₆ . Angewandte Chemie - International Edition, 2020, 59, 5632-5636.	7.2	17
5	Innentitelbild: A Room-Temperature Verwey-Type Transition in Iron Oxide, Fe ₅ O ₆ (Angew. Chem. 14/2020). Angewandte Chemie, 2020, 132, 5450-5450.	1.6	0
6	Pressure tuning of charge ordering in iron oxide. Nature Communications, 2018, 9, 4142.	5.8	22
7	Fe-N system at high pressure reveals a compound featuring polymeric nitrogen chains. Nature Communications, 2018, 9, 2756.	5.8	153
8	Structural Stability of Boron Carbide under Pressure Proven by Spectroscopic Studies up to 73 GPa. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1357-1363.	0.6	6
9	Structural stability and mechanism of compression of stoichiometric B ₁₃ C ₂ up to 68GPa. Scientific Reports, 2017, 7, 8969.	1.6	8
10	Nonicosahedral boron allotrope synthesized at high pressure and high temperature. Physical Review B, 2017, 95, .	1.1	14
11	High-pressure behavior of $\hat{\Gamma}$ -boron studied on single crystals by X-ray diffraction, Raman and IR spectroscopy. Journal of Solid State Chemistry, 2017, 245, 50-60.	1.4	9
12	Novel nitrogen-rich iron nitrides synthesized at high-pressure high-temperature conditions. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1104-C1104.	0.0	0
13	Terapascal static pressure generation with ultrahigh yield strength nanodiamond. Science Advances, 2016, 2, e1600341.	4.7	161
14	Effect of synthesis conditions of the micro- and mesostructure of monodisperse Y(OH)CO ₃ powders. Doklady Chemistry, 2012, 446, 207-211.	0.2	2
15	Microwave hydrothermal synthesis of nanodispersed YV _{1-x} P _x O ₄ :Eu powders. Doklady Chemistry, 2011, 441, 325-329.	0.2	12
16	Microwave synthesis of monodisperse luminescent Y _{2-x} Eu _x O ₃ powders with spherical particles of predetermined size. Doklady Chemistry, 2010, 435, 289-293.	0.2	3