

Igor Zibrov

List of Publications by Year in descending order

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14
papers

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1684188

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all docs

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docs citations

14
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical properties of Mn_4f at high pressure. Physical Review B, 2021, 103, 080401.	3.2	4
2	New Pressure-Induced Phase Transitions in Bismuthinite. JETP Letters, 2021, 114, 470-474.	1.4	4
3	Direct Evidence of Catalytic Role of Boron in Graphite to Diamond Solid Phase Conversion under High Pressure. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000247.	2.4	4
4	Dualism of the Mn_4f electrons and its relation to high-temperature antiferromagnetism in the heavy-fermion compound YbCoC_2 . Physical Review B, 2020, 101, 080401.	3.2	3
5	High-Pressure Synthesis of $\text{H}_2 \cdot 0.5x \cdot 2/3\text{H}_2\text{O}$ ($0 \leq x \leq 2$) with the Hexagonal Tungsten Bronze Structure. Inorganic Materials, 2019, 55, 489-494.	0.8	2
6	Synthesis of Microcrystals of Heavy-Boron-Doped Diamond and BC_3 -Heterodiamonds at High Pressures and Temperatures. Glass and Ceramics (English Translation of Steklo i Keramika), 2019, 75, 441-445.	0.6	1
7	Magnetic, electronic, and transport properties of the high-pressure-synthesized chiral magnets $\text{Mn}_1-x\text{Rh}_x\text{Ge}$. Physical Review B, 2018, 98, 080401.	3.2	13
8	Structural and morphological transformations of carbon nanospheres during high-temperature, high-pressure processing. Inorganic Materials, 2017, 53, 462-468.	0.8	7
9	Luminescence properties of diamond prepared in the presence of rare-earth elements. Inorganic Materials, 2017, 53, 809-815.	0.8	4
10	Nanostructured compacts and composites based on diamond-like boron nitride. Inorganic Materials: Applied Research, 2017, 8, 551-555.	0.5	6
11	Behavior of detonation nanodiamond at high pressures and temperatures in the presence of a hydrogen-containing fluid. Inorganic Materials, 2016, 52, 351-356.	0.8	8
12	V3.04707, a new high-pressure oxide with the simpsonite structure. Inorganic Materials, 2016, 52, 902-908.	0.8	5
13	High-pressure, high-temperature study of GeS_2 and GeSe_2 . Inorganic Materials, 2014, 50, 768-774.	0.8	8
14	Heterographene BCN phase prepared at high pressures and temperatures: Formation kinetics, structure, and properties. Inorganic Materials, 2014, 50, 349-357.	0.8	3