

# Igor Zibrov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3332868/publications.pdf>

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14  
papers

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citations

1684188  
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1588992  
8  
g-index

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docs citations

14  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic, electronic, and transport properties of the high-pressure-synthesized chiral magnets $Mn_{1-x}Rh_xGe$ . Physical Review B, 2018, 98, .	3.2	13
2	High-pressure, high-temperature study of GeS <sub>2</sub> and GeSe <sub>2</sub> . Inorganic Materials, 2014, 50, 768-774.	0.8	8
3	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
4	Structural and morphological transformations of carbon nanospheres during high-temperature, high-pressure processing. Inorganic Materials, 2017, 53, 462-468.	0.8	7
5	Nanostructured compacts and composites based on diamond-like boron nitride. Inorganic Materials: Applied Research, 2017, 8, 551-555.	0.5	6
6	V3.04707, a new high-pressure oxide with the simpsonite structure. Inorganic Materials, 2016, 52, 902-908.	0.8	5
7	Luminescence properties of diamond prepared in the presence of rare-earth elements. Inorganic Materials, 2017, 53, 809-815.	0.8	4
8	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
9	Physical properties of $Mn_{1-x}Co_x$ at $x=0.16$ . Physical Review B, 2021, 103, .	3.2	4
10	New Pressure-Induced Phase Transitions in Bismuthinite. JETP Letters, 2021, 114, 470-474.	1.4	4
11	Heterographene BCN phase prepared at high pressures and temperatures: Formation kinetics, structure, and properties. Inorganic Materials, 2014, 50, 349-357.	0.8	3
12	Dualism of the $4f$ electrons and its relation to high-temperature antiferromagnetism in the heavy-fermion compound $YbCoC_{2/3}$ . Physical Review B, 2020, 101, .	3.2	3
13	High-Pressure Synthesis of $H_2 \cdot 0.5x \cdot 2/3H_2O$ ( $0 \leq x \leq 2$ ) with the Hexagonal Tungsten Bronze Structure. Inorganic Materials, 2019, 55, 489-494.	0.8	2
14	Synthesis of Microcrystals of Heavy-Boron-Doped Diamond and BC <sub>3</sub> -Heterodiamonds at High Pressures and Temperatures. Glass and Ceramics (English Translation of Steklo I Keramika), 2019, 75, 441-445.	0.6	1