

# Miroslav Georgiev

## List of Publications by Year in descending order

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20  
papers

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citations

1937685

4  
h-index

1720034

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all docs

23  
docs citations

23  
times ranked

7  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Exchange Mechanism for the Magnetic Behavior of Er <sup>3+</sup> Complexes. <i>Molecules</i> , 2021, 26, 4922.	3.8	3
2	Molecular magnetism in the multi-configurational self-consistent field method. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 075803.	1.8	4
3	Origin of the magnetic exchange in insulators: Localized vs. delocalized electrons. <i>Journal of Physics: Conference Series</i> , 2021, 1762, 012019.	0.4	2
4	Magnetization steps in the molecular magnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \text{12} \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{ revealed by complex exchange bridges. Physical Review B, 2020, 101, .$	1.2	1
5	Magnetic excitations in molecular magnets with complex bridges: the tetrahedral molecule Ni <sub>4</sub> Mo <sub>12</sub> . <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	8
6	Magnetic exchange in spin clusters. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
7	Spin multipole moments as collective quantum phenomena. <i>Journal of Physics: Conference Series</i> , 2017, 794, 012026.	0.4	0
8	Vibronic polarons: Self-trapping, local rotation, and band features. <i>International Journal of Quantum Chemistry</i> , 2002, 89, 405-418.	2.0	1
9	Magnetic moments of hindered rotators by off-center impurity ions. <i>International Journal of Quantum Chemistry</i> , 2002, 89, 371-376.	2.0	0
10	Off-center Li <sup>f+</sup> . <i>European Physical Journal B</i> , 2002, 29, 273-277.	1.5	0
11	Revisited vibronic model for Li <sup>+</sup> ion and F A (Li) centre in alkali halides. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1991, 13, 1399-1421.	0.4	4
12	Vibronic pairing mechanism for La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . The role of local structural distortions. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1989, 60, 293-306.	0.6	6
13	Non-radiative Charge Transfer Rate at the E <sub>1</sub> Center in $\hat{\text{I}}\hat{\text{Q}}$ Quartz. <i>Physica Status Solidi (B): Basic Research</i> , 1986, 137, K83.	1.5	3
14	Quantum theory of dielectric relaxation in polar solids. <i>International Journal of Quantum Chemistry</i> , 1986, 29, 1365-1372.	2.0	1
15	Conversion of Impurity Vacancy Complexes under $\hat{\text{I}}\hat{\text{Q}}$ irradiation and Subsequent F Band Bleaching in KCl:Eu <sup>2+</sup> . <i>Physica Status Solidi (B): Basic Research</i> , 1982, 110, 643-652.	1.5	2
16	Room Temperature Investigation of the Photostimulated Afterglow in KCl:Eu <sup>2+</sup> Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1980, 100, 463-471.	1.5	4
17	Room temperature F <sub>1</sub> conversion in KCl crystals of various purity and method of coloration. <i>Physica Status Solidi (B): Basic Research</i> , 1978, 86, 697-704.	1.5	5
18	Evidence for Thermally-Activated De-Excitation of Excited F and FA (Na) Centres in KCl. <i>Physica Status Solidi A</i> , 1975, 27, K85-K87.	1.7	0

#	ARTICLE	IF	CITATIONS
19	F <sup>A</sup> (Na) conversion by repetitive light pulses in additively coloured KCl crystals. Physica Status Solidi (B): Basic Research, 1975, 72, 779-786.	1.5	0
20	Magnetostructural Dependencies in 3 <i>d</i> <sup>2</sup> Systems: The Trigonal Bipyramidal V <sup>3+</sup> Complex. Physica Status Solidi (B): Basic Research, 0, , 2100645.	1.5	5