

Veronika D Grigorieva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	GROWTH AND SPECTROSCOPIC INVESTIGATIONS OF Na ₂ W ₂ O ₇ SINGLE CRYSTALS DOPED WITH CERIUM AND CHROMIUM IONS. Journal of Structural Chemistry, 2022, 63, 580-587. New Limit for Neutrinoless Double-Beta Decay of $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Mo} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 100 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	1.0	0
2	Single crystals of undoped Li ₂ WO ₄ and Li ₂ W ₁ ~ ^{0.0125} Mo _{0.0125} O ₄ : formation enthalpies, heat capacity in the temperature range 320~ ⁹⁹⁷ K. Dalton Transactions, 2021, 50, 12130-12136.	7.8	61
3	Heat capacity of lithium tungstate single crystal by DSC calorimetry data in the temperature range of 319-997 K. Journal of Physics: Conference Series, 2021, 2057, 012048.	3.3	2
4	Heat capacity of lithium tungstate single crystal by DSC calorimetry data in the temperature range of 319-997 K. Journal of Physics: Conference Series, 2021, 2057, 012048.	0.4	0
5	Thermodynamic properties of single crystals based on lithium tungstate by reaction and DSC calorimetry. Journal of Physics: Conference Series, 2021, 2119, 012140.	0.4	0
6	The low temperature heat capacity of Li ₂ Mo _{0.05} W _{0.95} O ₄ . Journal of Physics: Conference Series, 2021, 2119, 012137.	0.4	1
7	Photoluminescence properties of perspective bolometric crystals Na ₂ Mo ₂ O ₇ and Na ₂ W ₂ O ₇ grown by low-thermal-gradient Czochralski technique. Optical Materials, 2020, 99, 109537.	3.6	5
8	Stimulated Raman scattering in disodium ditungstate crystal. Laser Physics Letters, 2020, 17, 015801.	1.4	3
9	New mixed oxides on the basis of bismuth niobate and lithium molybdate. Materials Today: Proceedings, 2020, 25, 367-369.	1.8	3
10	Preparation of Extra-pure Na ₂ CO ₃ Powder with Crystallization Techniques for Low-Background Scintillation Crystal Growth. Inorganic Materials, 2020, 56, 867-874.	0.8	0
11	Li ₂ 100deplMoO ₄ crystals grown by low-thermal-gradient Czochralski technique. Journal of Crystal Growth, 2020, 552, 125913.	1.5	9
12	Effect of Cu doping on properties of PbMoO ₄ single crystals as materials for luminescence thermometry. Materials Technology, 2020, , 1-6.	3.0	7
13	Features of thermodynamic properties of single crystals on the basis of lithium tungstate: «thermodynamics» structure «functional characteristics» correlations. Journal of Physics: Conference Series, 2020, 1677, 012170.	0.4	1
14	The CUPID-Mo experiment for neutrinoless double-beta decay: performance and prospects. European Physical Journal C, 2020, 80, 1.	3.9	67
15	Precise measurement of $\beta\beta$ decay of ^{100}Mo with the CUPID-Mo detection technology. European Physical Journal C, 2020, 80, 1.	3.9	44
16	Two-photon absorption in Na ₂ W ₂ O ₇ crystal. , 2020, , .		0
17	Bolometric molybdate crystals grown by low-thermal-gradient Czochralski technique. Journal of Crystal Growth, 2019, 523, 125144.	1.5	14
18	Optical and Magnetic Properties of Cu-Containing Borates with «Antizeolite»-Structure. Journal of Physical Chemistry C, 2019, 123, 4469-4474.	3.1	10

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19	Precise measurement of $2^{1/2}2^{1/2}$ decay of ^{100}Mo with Li_2MoO_4 low temperature detectors: Preliminary results. AIP Conference Proceedings, 2019, , .	0.4	0
20	$\text{Na}_2\text{Mo}_2\text{O}_7$ scintillating crystals: Growth, morphology and optical properties. Journal of Crystal Growth, 2019, 507, 31-37.	1.5	20
21	The $\text{Na}_2\text{W}_2\text{O}_7$. European Physical Journal C, 2018, 78, 1.	3.9	11
22	Precursors preparation for growth of low-background scintillation crystals. AIP Conference Proceedings, 2018, , .	0.4	8
23	Recent progress in oxide scintillation crystals development by low-thermal gradient Czochralski technique for particle physics experiments. Journal of Instrumentation, 2017, 12, C08011-C08011.	1.2	33
24	Development of ^{100}Mo -containing scintillating bolometers for a high-sensitivity neutrinoless double-beta decay search. European Physical Journal C, 2017, 77, 785.	3.9	100
25	Li_2MoO_4 Crystals Grown by Low-Thermal-Gradient Czochralski Technique. Journal of Materials Science and Engineering B, 2017, 7, .	0.3	12
26	Thermal conductivity of $\text{Na}_2\text{W}_2\text{O}_7$ crystal. Physics of the Solid State, 2016, 58, 1716-1718.	0.6	1
27	Aboveground test of an advanced Li_2MoO_4 scintillating bolometer to search for neutrinoless double beta decay of ^{100}Mo . Astroparticle Physics, 2016, 72, 38-45.	4.3	94
28	Low temperature luminescence and charge carrier trapping in a cryogenic scintillator Li_2MoO_4 . Journal of Luminescence, 2015, 166, 195-202.	3.1	35
29	Growth of $\text{Na}_2\text{W}_2\text{O}_7$ Single Crystals as Possible Optical Host Material. Solid State Phenomena, 0, 213, 160-164.	0.3	8