

Volodymyr Gvozdettskyi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Clathrate XI K 58 Zn 122 Sb 207 : A New Branch on the Clathrate Family Tree. <i>Angewandte Chemie</i> , 2021, 133, 419-427.	2.0	6
2	Clathrate XI K 58 Zn 122 Sb 207 : A New Branch on the Clathrate Family Tree. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 415-423.	13.8	6
3	Lithium nickel borides: evolution of [NiB] layers driven by Li pressure. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1675-1685.	6.0	7
4	Topochemical Deintercalation of Li from Layered LiNiB: toward 2D MBene. <i>Journal of the American Chemical Society</i> , 2021, 143, 4213-4223.	13.7	28
5	Ternary Zinc Antimonides Unlocked Using Hydride Synthesis. <i>Inorganic Chemistry</i> , 2021, 60, 10686-10697.	4.0	6
6	How to Look for Compounds: Predictive Screening and in situ Studies in Na ⁺ Zn ²⁺ Bi System. <i>Chemistry - A European Journal</i> , 2021, 27, 15954-15966.	3.3	4
7	A Low-Temperature Structural Transition in Canfieldite, Ag ₈ SnS ₆ , Single Crystals. <i>Inorganic Chemistry</i> , 2021, 60, 19345-19355.	4.0	3
8	Theoretical search for possible Li ⁺ Ni ²⁺ B crystal structures using an adaptive genetic algorithm. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	8
9	Computationally Driven Discovery of a Family of Layered LiNiB Polymorphs. <i>Angewandte Chemie</i> , 2019, 131, 16002-16009.	2.0	5
10	Computationally Driven Discovery of a Family of Layered LiNiB Polymorphs. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15855-15862.	13.8	24
11	From NaZn ₄ Sb ₃ to Na _{1-x} Zn ₄ Sb ₃ : Panoramic Hydride Synthesis, Structural Diversity, and Thermoelectric Properties. <i>Chemistry of Materials</i> , 2019, 31, 8695-8707.	6.7	19
12	A Hydride Route to Ternary Alkali Metal Borides: A Case Study of Lithium Nickel Borides. <i>Chemistry - A European Journal</i> , 2019, 25, 4123-4135.	3.3	22
13	Thermal Stability and Thermoelectric Properties of NaZnSb. <i>Materials</i> , 2019, 12, 48.	2.9	17
14	Rapid Phase Screening via Hydride Route: A Discovery of K _{8-x} Zn _{18+3x} Sb ₁₆ . <i>Chemistry of Materials</i> , 2018, 30, 8707-8715.	6.7	19
15	Crystal and Magnetic Structures of the Chain Antiferromagnet CaFe ₄ Al ₈ . <i>Inorganic Chemistry</i> , 2018, 57, 5820-5829.	4.0	2
16	Crystal Structure and Magnetic Properties of SrNi _{2-x} Sb ₂ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1859-1862.	1.2	6
17	Ternary antimonide NaCd ₄ Sb ₃ : Hydride synthesis, crystal structure and transport properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 0, , .	1.2	2
18	Path Less Traveled: A Contemporary Twist on Synthesis and Traditional Structure Solution of Metastable LiNi ₁₂ B ₈ . <i>ACS Materials Au</i> , 0, , .	6.0	3