

Volodymyr Gvozdettskyi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Topochemical Deintercalation of Li from Layered LiNiB: toward 2D MBene. Journal of the American Chemical Society, 2021, 143, 4213-4223.	13.7	28
2	Computationally Driven Discovery of a Family of Layered LiNiB Polymorphs. Angewandte Chemie - International Edition, 2019, 58, 15855-15862.	13.8	24
3	A Hydride Route to Ternary Alkali Metal Borides: A Case Study of Lithium Nickel Borides. Chemistry - A European Journal, 2019, 25, 4123-4135.	3.3	22
4	Rapid Phase Screening via Hydride Route: A Discovery of $K_8\text{Zn}_{18}\text{Sb}_{16}$. Chemistry of Materials, 2018, 30, 8707-8715.	6.7	19
5	From NaZn_4Sb_3 to $\text{Na}_x\text{Zn}_4\text{Sb}_3$: Panoramic Hydride Synthesis, Structural Diversity, and Thermoelectric Properties. Chemistry of Materials, 2019, 31, 8695-8707.	6.7	19
6	Thermal Stability and Thermoelectric Properties of NaZnSb . Materials, 2019, 12, 48.	2.9	17
7	Theoretical search for possible LiNiB crystal structures using an adaptive genetic algorithm. Journal of Applied Physics, 2020, 127, .	2.5	8
8	Lithium nickel borides: evolution of [NiB] layers driven by Li pressure. Inorganic Chemistry Frontiers, 2021, 8, 1675-1685.	6.0	7
9	Crystal Structure and Magnetic Properties of SrNi_2Sb_2 . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1859-1862.	1.2	6
10	Clathrate XI K 58 Zn 122 Sb 207 : A New Branch on the Clathrate Family Tree. Angewandte Chemie, 2021, 133, 419-427.	2.0	6
11	Clathrate XI K 58 Zn 122 Sb 207 : A New Branch on the Clathrate Family Tree. Angewandte Chemie - International Edition, 2021, 60, 415-423.	13.8	6
12	Ternary Zinc Antimonides Unlocked Using Hydride Synthesis. Inorganic Chemistry, 2021, 60, 10686-10697.	4.0	6
13	Computationally Driven Discovery of a Family of Layered LiNiB Polymorphs. Angewandte Chemie, 2019, 131, 16002-16009.	2.0	5
14	How to Look for Compounds: Predictive Screening and <i>in situ</i> Studies in NaZn_4Sb_3 System. Chemistry - A European Journal, 2021, 27, 15954-15966.	3.3	4
15	A Low-Temperature Structural Transition in Canfieldite, Ag_8Sn_6 , Single Crystals. Inorganic Chemistry, 2021, 60, 19345-19355.	4.0	3
16	Path Less Traveled: A Contemporary Twist on Synthesis and Traditional Structure Solution of Metastable $\text{LiNi}_{12}\text{B}_8$. ACS Materials Au, 0, , .	6.0	3
17	Crystal and Magnetic Structures of the Chain Antiferromagnet CaFe_4Al_8 . Inorganic Chemistry, 2018, 57, 5820-5829.	4.0	2
18	Ternary antimonide NaCd_4Sb_3 : Hydride synthesis, crystal structure and transport properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	2