

Leila Ghadbeigi

List of Publications by Year in descending order

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496
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1163117

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16
all docs

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docs citations

16
times ranked

927
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Throughput Machine-Learning-Driven Synthesis of Full-Heusler Compounds. Chemistry of Materials, 2016, 28, 7324-7331.	6.7	256
2	Performance and resource considerations of Li-ion battery electrode materials. Energy and Environmental Science, 2015, 8, 1640-1650.	30.8	97
3	High Thermopower with Metallic Conductivity in PbPdO_{2-x} -Type Li-Substituted PbPdO_{2-x} . Chemistry of Materials, 2016, 28, 3367-3373.	6.7	25
4	Balancing Mechanical Properties and Sustainability in the Search for Superhard Materials. Integrating Materials and Manufacturing Innovation, 2017, 6, 1-8.	2.6	25
5	$\text{Gd}_{12}\text{Co}_{5.3}\text{Bi}$ and $\text{Gd}_{12}\text{Co}_{5}\text{Bi}$, Crystalline Doppelgänger with Low Thermal Conductivities. Inorganic Chemistry, 2016, 55, 6625-6633.	4.0	18
6	Synthesis and Characterization of Large-Area Nanometer-Thin Ga_2O_3 Films from Oxide Printing of Liquid Metal Gallium. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1901007.	1.8	16
7	Synthesis of iron-doped $\text{Na-Al}_2\text{O}_3$ + yttria-stabilized zirconia composite electrolytes by a vapor phase process. Solid State Ionics, 2016, 290, 77-82.	2.7	14
8	Anisotropic properties of $\text{Na-Al}_2\text{O}_3$ + YSZ composite synthesized by vapor phase method. Journal of Materials Research, 2018, 33, 81-89.	2.6	10
9	Not Just Par for the Course: 73 Quaternary Germanides $\text{RE}_4\text{M}_2\text{XGe}_4$ (RE = La, Nd, Sm, Gd, Tm, Lu; M =) Tj ETQq1 1 0.784314 rgB Chemistry, 2018, 57, 14249-14259.	4.0	9
10	Optical Characterization of Gallium Oxide Ga_2O_3 and Ga_2O_3 Polymorph Thin-Films Grown on c-Plane Sapphire. Journal of Electronic Materials, 2021, 50, 2990-2998.	2.2	9
11	Data-mining approach for battery materials. , 2015, , .		6
12	Synthesis of Ion Conducting Sodium Zirconium Gallate + Yttria-Stabilized Zirconia by a Vapor Phase Process. Journal of the Electrochemical Society, 2016, 163, A1560-A1565.	2.9	6
13	Electronic and ionic conductivity in Ga_2O_3 single crystals. Journal of Applied Physics, 2022, 131, .	2.5	5
14	Electrochemical Studies on $\text{Na-Al}_2\text{O}_3$ + Yttria-Stabilized Zirconia (YSZ) Composite Mixed Na ⁺ -Ion-O ²⁻ -Ion Conductors. Journal of the Electrochemical Society, 2019, 166, F679-F686.	2.9	0