Zhezhen Fu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3618283/publications.pdf

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13	490	840119	1125271
papers	citations	11 h-index	13 g-index

14	14	14	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of atomic layer deposited Al2O3 and subsequent annealing on the nanomechanical properties on various substrates. Journal of Materials Science, 2021, 56, 7879-7888.	1.7	3
2	Nanoindentation mechanical properties of TiB2-TiC-TiNiFeCrCoAl high-entropy alloys cermet: A comparison study with WC-Co. International Journal of Refractory Metals and Hard Materials, 2021, 98, 105564.	1.7	4
3	Probing the Mechanical Properties of a Doped Li₇La₃Zr₂O₁₂ Garnet Thin Electrolyte for Solid-State Batteries. ACS Applied Materials & Interfaces, 2020, 12, 24693-24700.	4.0	24
4	Predicting the flexural strength of Liâ€ionâ€conducting garnet type oxide for solidâ€stateâ€batteries. Journal of the American Ceramic Society, 2020, 103, 5186-5195.	1.9	13
5	TiNiFeCrCoAl high-entropy alloys as novel metallic binders for TiB2-TiC based composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 735, 302-309.	2.6	28
6	Processing and characterization of <scp>TiB₂â€TiNiFeCrCoAl</scp> highâ€entropy alloy composite. Journal of the American Ceramic Society, 2017, 100, 2803-2813.	1.9	36
7	Synthesis of TiB₂ from a carbonâ€coated precursors method. Journal of the American Ceramic Society, 2017, 100, 2471-2481.	1.9	28
8	Development of La(CrCoFeNi)O3 system perovskites as interconnect and cathode materials for solid oxide fuel cells. Ceramics International, 2017, 43, 7647-7652.	2.3	13
9	Transient Behavior of the Metal Interface in Lithium Metalâ€“Garnet Batteries. Angewandte Chemie - International Edition, 2017, 56, 14942-14947.	7.2	227
10	Transient Behavior of the Metal Interface in Lithium Metalâ€“Garnet Batteries. Angewandte Chemie, 2017, 129, 15138-15143.	1.6	12
11	Ultrafine TiB2-TiNiFeCrCoAl high-entropy alloy composite with enhanced mechanical properties. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 702, 184-188.	2.6	46
12	Sintering and mechanical properties of TiB2-TiC-Ni using submicron borides and carbides. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 676, 278-288.	2.6	35
13	Synthesis of TiC-TiB2 composite powders from carbon coated TiO2 precursors. Ceramics International, 2016, 42, 12231-12238.	2.3	21