

Young-Bum Chun

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

120
citations

1478505

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h-index

1474206

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11
all docs

11
docs citations

11
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of rare earth oxide addition on microstructure and mechanical properties of Ni-based alloy. Journal of Alloys and Compounds, 2021, 853, 156980.	5.5	32
2	Transport of hydrogen and deuterium in the reduced activation martensitic steel ARAA. Fusion Engineering and Design, 2014, 89, 2726-2731.	1.9	21
3	Improvement of creep and impact resistance of reduced activation ferritic/martensitic steel by the addition of Zr. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 645, 286-291.	5.6	18
4	Microstructural evolution and tensile properties of oxide dispersion strengthened Alloy 617 at elevated temperatures. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 706, 161-171.	5.6	16
5	Precipitation behavior of oxide dispersion strengthened Alloy 617. Journal of Materials Science, 2017, 52, 13626-13635.	3.7	12
6	Microstructural Evolution of Oxide and Nitride Dispersed Nickel-Based Alloy Powders. Metals and Materials International, 2019, 25, 140-146.	3.4	8
7	In situ observation of nanoparticle formation in nickel-based mechanical alloyed powders. Journal of Materials Science, 2018, 53, 16110-16121.	3.7	5
8	Evaluation of Hot Deformation and Dynamic Recrystallization Behaviors of Advanced Reduced-Activated Alloy (ARAA). Metals and Materials International, 2019, 25, 888-899.	3.4	5
9	Radiation damage of F/M and ODS alloys after Fe ³⁺ -ion irradiation at 300 Å°C. Journal of the Korean Physical Society, 2015, 66, 505-508.	0.7	2
10	Positron annihilation lifetime spectroscopy of advanced reduced-activation alloy (ARAA) in cold-worked conditions. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 513-519.	1.5	1
11	Mechanical Properties of Dissimilar TIG-Welded ARAA and SS316L Joint. IEEE Transactions on Plasma Science, 2020, 48, 1501-1504.	1.3	0