

Osman Anderoglu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

410
citations

1307594

7
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of aerosol transport in a classroom with relevance to COVID-19. <i>Physics of Fluids</i> , 2020, 32, 103311.	4.0	172
2	The influence of Σ twin boundaries on the formation of radiation-induced defect clusters in nanotwinned Cu. <i>Journal of Materials Research</i> , 2011, 26, 1666-1675.	2.6	105
3	Simulation of aerosol transmission on a Boeing 737 airplane with intervention measures for COVID-19 mitigation. <i>Physics of Fluids</i> , 2021, 33, 033312.	4.0	71
4	Thermal annealing recovery of fracture toughness in HT9 steel after irradiation to high doses. <i>Journal of Nuclear Materials</i> , 2014, 449, 263-272.	2.7	14
5	Nanoporous thin films with controllable nanopores processed from vertically aligned nanocomposites. <i>Nanotechnology</i> , 2010, 21, 285606.	2.6	12
6	Characterization of 14YWT oxide dispersion strengthened structural materials under electrically-assisted tension. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 745, 484-494.	5.6	11
7	Irradiation-induced formation of a spinel phase at the FeCr/MgO interface. <i>Acta Materialia</i> , 2015, 93, 87-94.	7.9	8
8	Layer dissolution in accumulative roll bonded bulk Zr/Nb multilayers under heavy-ion irradiation. <i>Journal of Nuclear Materials</i> , 2021, 557, 153315.	2.7	7
9	Microstructure evolution in MA956 neutron irradiated in ATR at 328 ^\circ C to 4.36 dpa. <i>Journal of Nuclear Materials</i> , 2020, 533, 152094.	2.7	4
10	Design of specimen holders for flow accelerated corrosion experiments in molten lead with numerical evaluation of pressure losses. <i>Nuclear Engineering and Design</i> , 2021, 385, 111522.	1.7	3
11	Influence of the stacking sequence on the through-thickness Young's moduli of fibrous composite laminates measured by nanoindentation. <i>Journal of Composite Materials</i> , 2021, 55, 1179-1184.	2.4	2
12	Corrosion in Heavy Liquid Metals for Energy Systems. <i>Jom</i> , 0, , 1.	1.9	1
13	Method of information entropy for convergence assessment of molecular dynamics simulations. <i>Journal of Applied Physics</i> , 2020, 128, 135102.	2.5	0
14	Radiation-induced mixing and demixing behavior in metallic multilayers exhibiting limited solid miscibility. <i>Microscopy and Microanalysis</i> , 2021, 27, 2914-2915.	0.4	0
15	Leveraging Neutronics to Monitor Mass Transfer Corrosion in Lead and Lead-Bismuth Cooled Reactors. <i>Jom</i> , 2021, 73, 4051-4061.	1.9	0
16	Lagrangian Investigation of Convective Mass Transfer of Dissolved Elements at Specimen Boundaries in a Flowing Molten Lead Loop. <i>Nuclear Science and Engineering</i> , 2022, 196, 1209-1223.	1.1	0