

Ken A Kane

List of Publications by Year in descending order

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8
papers

134
citations

1478280
6
h-index

1719901
7
g-index

8
all docs

8
docs citations

8
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation of ultrahigh temperature ceramics: kinetics, mechanisms, and applications. Journal of the European Ceramic Society, 2021, 41, 6130-6150.	2.8	49
2	Steam oxidation of ytterbium disilicate environmental barrier coatings with and without a silicon bond coat. Journal of the American Ceramic Society, 2021, 104, 2285-2300.	1.9	29
3	Evaluating steam oxidation kinetics of environmental barrier coatings. Journal of the American Ceramic Society, 2022, 105, 590-605.	1.9	19
4	The effect of bond coating surface modification on the performance of atmospheric plasma spray thermal barrier coatings. Surface and Coatings Technology, 2019, 378, 125042.	2.2	15
5	Oxidation of 3D-printed SiC in air and steam environments. Journal of the American Ceramic Society, 2021, 104, 2225-2237.	1.9	7
6	Steam oxidation of chromium corrosion barrier coatings for sic-based accident tolerant fuel cladding. Journal of Nuclear Materials, 2021, 543, 152561.	1.3	6
7	Burst and oxidation behavior of Cr-coated Zirlo during simulated LOCA testing. Journal of Nuclear Materials, 2022, 564, 153679.	1.3	6
8	Accelerated oxidation during 1350°C cycling of ytterbium silicate environmental barrier coatings. Journal of the American Ceramic Society, 0, , .	1.9	3