

# Padraig Stack

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9312330/publications.pdf>

Version: 2024-02-01

9  
papers

82  
citations

1683934  
5  
h-index

1719901  
7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of V content on corrosion behavior of high-energy ball milled AA5083. Corrosion Science, 2021, 186, 109465.	3.0	26
2	Evaluating steam oxidation kinetics of environmental barrier coatings. Journal of the American Ceramic Society, 2022, 105, 590-605.	1.9	19
3	Dry air cyclic oxidation of mixed Y/Yb disilicate environmental barrier coatings and bare silica formers. Journal of the European Ceramic Society, 2022, 42, 3345-3350.	2.8	14
4	Oxidation of 3D-printed SiC in air and steam environments. Journal of the American Ceramic Society, 2021, 104, 2225-2237.	1.9	7
5	Steam oxidation of chromium corrosion barrier coatings for sic-based accident tolerant fuel cladding. Journal of Nuclear Materials, 2021, 543, 152561.	1.3	6
6	Air oxidation of yttrium hydride as a high temperature moderator for thermal neutron spectrum fission reactors. Journal of Nuclear Materials, 2021, 556, 153166.	1.3	4
7	Isothermal and Cyclic Oxidation of Haynes 282 Processed by Electron Beam Melting (EBM) and Laser Powder Bed Fusion (LPBF) in Dry Air at 800 and $950\text{ }^{\circ}\text{C}$ . Jom, 2022, 74, 1-12.	0.9	4
8	Predicting EBC Temperature Limits for Industrial Gas Turbines. , 2021, , .		2
9	Oxidation of Yttrium Hydride Moderator for the Transformational Challenge Reactor. , 2020, , .		0