

# 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  
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1719901  
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all docs

9  
docs citations

9  
times ranked

35  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Evaluating steam oxidation kinetics of environmental barrier coatings. Journal of the American Ceramic Society, 2022, 105, 590-605.   | 1.9 | 19        |
| 2 | 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        |
| 3 | 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°C. Jom, 2022, 74, 1-12. | 0.9 | 4         |
| 4 | Steam oxidation of chromium corrosion barrier coatings for sic-based accident tolerant fuel cladding. Journal of Nuclear Materials, 2021, 543, 152561.                      | 1.3 | 6         |
| 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 | Predicting EBC Temperature Limits for Industrial Gas Turbines. , 2021, , .  |     | 2         |
| 7 | Effect of V content on corrosion behavior of high-energy ball milled AA5083. Corrosion Science, 2021, 186, 109465.  | 3.0 | 26        |
| 8 | 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         |
| 9 | Oxidation of Yttrium Hydride Moderator for the Transformational Challenge Reactor. , 2020, , .  |     | 0         |