

Vaishak Viswanathan

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

379
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture Toughness of Plasma-Sprayed Thermal Barrier Ceramics: Influence of Processing, Microstructure, and Thermal Aging. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2736-2744.	3.8	117
2	Multilayer, Multimaterial Thermal Barrier Coating Systems: Design, Synthesis, and Performance Assessment. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1769-1777.	3.8	97
3	Engineered Multilayer Thermal Barrier Coatings for Enhanced Durability and Functional Performance. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2770-2778.	3.8	85
4	Molten silicate interactions with plasma sprayed thermal barrier coatings: Role of materials and microstructure. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2122-2131.	5.7	33
5	Characterizing Suspension Plasma Spray Coating Formation Dynamics through Curvature Measurements. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 1666-1683.	3.1	24
6	Process-Property Relationship for Air Plasma-Sprayed Gadolinium Zirconate Coatings. <i>Journal of Thermal Spray Technology</i> , 2015, 24, 454-466.	3.1	23