

Etienne Copin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

118
citations

1307594

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h-index

1474206

9
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all docs

10
docs citations

10
times ranked

105
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Heat treatments design for superior high-temperature tensile properties of Alloy 625 produced by selective laser melting. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 790, 139720. | 5.6 | 25 |
| 2 | On the thermal sensitivity and resolution of a YSZ:Er ³⁺ /YSZ:Eu ³⁺ fluorescent thermal history sensor. <i>Sensors and Actuators A: Physical</i> , 2018, 272, 42-52. | 4.1 | 18 |
| 3 | Novel erbia-yttria co-doped zirconia fluorescent thermal history sensor. <i>Smart Materials and Structures</i> , 2017, 26, 015001. | 3.5 | 17 |
| 4 | Feasibility of luminescent multilayer sol-gel thermal barrier coating manufacturing for future applications in through-thickness temperature gradient sensing. <i>Surface and Coatings Technology</i> , 2014, 260, 90-96. | 4.8 | 13 |
| 5 | High temperature oxidation of NiCrAlY coated Alloy 625 manufactured by selective laser melting. <i>Surface and Coatings Technology</i> , 2020, 398, 126041. | 4.8 | 11 |
| 6 | A novel approach to the production of NiCrAlY bond coat onto IN625 superalloy by selective laser melting. <i>Additive Manufacturing</i> , 2020, 31, 100998. | 3.0 | 10 |
| 7 | Impact of annealing treatment on the fatigue behavior of Inconel 625 produced by laser-based powder bed fusion. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 1258-1275. | 3.4 | 9 |
| 8 | Apparent Interfacial Toughness of Undoped and Photoluminescent Eu ³⁺ -Doped Yttria-Stabilized Zirconia Thermal Barrier Coatings. <i>Journal of Thermal Spray Technology</i> , 2020, 29, 433-443. | 3.1 | 7 |
| 9 | Comparison of IR Thermography and Reflectance-Enhanced Photoluminescence for early Quantitative Diagnostic of Thermal Barrier Coatings Spallation. , 2014, , . | | 6 |
| 10 | Thermal shock resistance of a NiCrAlY-coated Alloy 625 system produced by laser powder bed fusion. <i>Surface and Coatings Technology</i> , 2021, 417, 127217. | 4.8 | 2 |