

# Etienne Copin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7116613/publications.pdf>

Version: 2024-02-01

10  
papers

118  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Apparent Interfacial Toughness of Undoped and Photoluminescent Eu <sup>3+</sup> -Doped Yttria-Stabilized Zirconia Thermal Barrier Coatings. <i>Journal of Thermal Spray Technology</i> , 2020, 29, 433-443.	3.1	7
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	Heat treatments design for superior high-temperature tensile properties of Alloy 625 produced by selective laser melting. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 790, 139720.	5.6	25
7	On the thermal sensitivity and resolution of a YSZ:Er <sup>3+</sup> /YSZ:Eu <sup>3+</sup> fluorescent thermal history sensor. <i>Sensors and Actuators A: Physical</i> , 2018, 272, 42-52.	4.1	18
8	Novel erbia-yttria co-doped zirconia fluorescent thermal history sensor. <i>Smart Materials and Structures</i> , 2017, 26, 015001.	3.5	17
9	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
10	Comparison of IR Thermography and Reflectance-Enhanced Photoluminescence for early Quantitative Diagnostic of Thermal Barrier Coatings Spallation. , 2014, , .		6