

Karthik Alagarsamy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7569196/publications.pdf>

Version: 2024-02-01

8
papers

114
citations

1684188
5
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and corrosion behavior of m-ZrO ₂ and t-ZrO ₂ coated 316L SS for potential biomedical applications. <i>Ceramics International</i> , 2018, 44, 14940-14946.	4.8	33
2	Mechanical Properties of High Entropy Alloy Al _{0.1} CoCrFeNi for Peripheral Vascular Stent Application. <i>Cardiovascular Engineering and Technology</i> , 2016, 7, 448-454.	1.6	31
3	Biocorrosion and biological properties of sputtered ceramic carbide coatings for biomedical applications. <i>Surface and Coatings Technology</i> , 2019, 374, 569-578.	4.8	23
4	Implant application of bioactive nano-hydroxyapatite powders—a comparative study. <i>Materials Research Express</i> , 2018, 5, 015405.	1.6	11
5	Silver-ceria stabilized zirconia composite coatings on titanium for potential implant applications. <i>Surface and Coatings Technology</i> , 2019, 368, 224-231.	4.8	10
6	Silver-calcia stabilized zirconia nanocomposite coated medical grade stainless steel as potential bioimplants. <i>Surfaces and Interfaces</i> , 2021, 24, 101086.	3.0	4
7	Investigation of Thermo-Mechanical Processing and Mechanical Properties of CoCrFeNiMn High Entropy Alloy for Peripheral Vascular Stent Application. , 2016, , .		1
8	Investigating biological impact of HAp from goat femur reinforced with Zr—Ag for bone tissue engineering application. <i>Journal of the Korean Ceramic Society</i> , 2022, 59, 480-493.	2.3	1