

Sidika Mine Toker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7545640/publications.pdf>

Version: 2024-02-01

8
papers

138
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of passive oxide layer formationâ€biocompatibility relationship in NiTi shape memory alloys: Geometry and body location dependency. <i>Materials Science and Engineering C</i> , 2014, 36, 118-129.	7.3	42
2	Evaluation of the biocompatibility of NiTi dental wires: A comparison of laboratory experiments and clinical conditions. <i>Materials Science and Engineering C</i> , 2014, 40, 142-147.	7.3	27
3	Microstructure, microhardness, and biocompatibility characteristics of yttrium hydroxyapatite doped with fluoride. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 96B, 207-217.	3.4	24
4	An exploration of plastic deformation dependence of cell viability and adhesion in metallic implant materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 177-186.	3.1	23
5	Effects of microstructural mechanisms on the localized oxidation behavior of NiTi shape memory alloys in simulated body fluid. <i>Journal of Materials Science</i> , 2018, 53, 948-958.	3.7	14
6	Incorporating the grain boundary misorientation effects on slip activity into crystal plasticity. <i>Mechanics of Advanced Materials and Structures</i> , 2016, 23, 865-872.	2.6	6
7	Mikrodeformasyon ile Y ^{1/2} zey Ã–zellikleri DeÄYiÅYtirilen 316L Paslanmaz Å¶eliÅYin Sentetik V ^{1/4} cut SÄ±vÄ±sÄ± ile EtkileÅYimi. DÄ±zce Åœniversitesi Bilim Ve Teknoloji Dergisi, 2020, 8, 2455-2467.	0.7	2
8	A preliminary Investigation of Surface Micro Modification Effects on the Biocompatibility of 316L Stainless Steel. <i>European Mechanical Science</i> , 2021, 5, 109-115.	0.9	0