

Yan-Lian Liu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

570
citations

933447

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h-index

1125743

13
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all docs

15
docs citations

15
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	A multifaceted coating on titanium dictates osteoimmunomodulation and osteo/angio-genesis towards ameliorative osseointegration. <i>Biomaterials</i> , 2018, 162, 154-169.	11.4	206
2	Differential effect of hydroxyapatite nano-particle versus nano-rod decorated titanium micro-surface on osseointegration. <i>Acta Biomaterialia</i> , 2018, 76, 344-358.	8.3	93
3	Antibacterial ability and cytocompatibility of Cu-incorporated Ni-Ti-O nanopores on NiTi alloy. <i>Rare Metals</i> , 2019, 38, 552-560.	7.1	65
4	Antibacterial ability and angiogenic activity of Cu-Ti-O nanotube arrays. <i>Materials Science and Engineering C</i> , 2017, 71, 93-99.	7.3	60
5	Highly ordered Ni-Ti-O nanotubes for non-enzymatic glucose detection. <i>Materials Science and Engineering C</i> , 2015, 51, 37-42.	7.3	31
6	Length-dependent corrosion behavior, Ni ²⁺ release, cytocompatibility, and antibacterial ability of Ni-Ti-O nanopores anodically grown on biomedical NiTi alloy. <i>Materials Science and Engineering C</i> , 2018, 89, 1-7.	7.3	28
7	Anodic growth of ultra-long Ni-Ti-O nanopores. <i>Electrochemistry Communications</i> , 2016, 71, 28-32.	4.7	22
8	Selective inhibition effects on cancer cells and bacteria of Ni-Ti-O nanoporous layers grown on biomedical NiTi alloy by anodization. <i>Rare Metals</i> , 2022, 41, 78-85.	7.1	21
9	Preparation, characterization, corrosion behavior and cytocompatibility of NiTiO ₃ nanosheets hydrothermally synthesized on biomedical NiTi alloy. <i>Materials Science and Engineering C</i> , 2019, 97, 715-722.	7.3	16
10	The effects of annealing temperature on corrosion behavior, Ni ²⁺ release, cytocompatibility, and antibacterial ability of Ni-Ti-O nanopores on NiTi alloy. <i>Surface and Coatings Technology</i> , 2018, 352, 175-181.	4.8	10
11	Regulation of endothelial functionality through direct and immunomodulatory effects by Ni-Ti-O nanospindles on NiTi alloy. <i>Materials Science and Engineering C</i> , 2021, 123, 112007.	7.3	9
12	Osteogenic activity of Na ₂ Ti ₃ O ₇ /SrTiO ₃ hybrid coatings on titanium. <i>Surface and Coatings Technology</i> , 2020, 398, 126090.	4.8	4
13	THE INFLUENCE OF ELECTROLYTE STIRRING ON ANODIC GROWTH OF Ni-Ti-O NANOPORES ON NiTi ALLOY. <i>Surface Review and Letters</i> , 2019, 26, 1850162.	1.1	3
14	Effects of cyclic closed-die forging on the microstructural evolution and mechanical properties of SiC/AZ91D nanocomposites. <i>International Journal of Modern Physics B</i> , 0, , .	2.0	2
15	The cell responses on Sr-incorporated Ni-Ti-O nano-network on titanium surface. <i>International Journal of Modern Physics B</i> , 0, , .	2.0	0