

Sergio Loffredo

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

623
citations

1684188

5
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Zn-based alloys for biodegradable stent applications: Design, development and in vitro degradation. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 60, 581-602.	3.1	316
2	Current status and outlook on the clinical translation of biodegradable metals. Materials Today, 2019, 23, 57-71.	14.2	271
3	The addition of silver affects the deformation mechanism of a twinning-induced plasticity steel: Potential for thinner degradable stents. Acta Biomaterialia, 2019, 98, 103-113.	8.3	13
4	Effect of Silver on Corrosion Behavior of Plastically Deformed Twinning-Induced Plasticity Steel for Biodegradable Stents. Jom, 2020, 72, 1892-1901.	1.9	8
5	Six-Month Long <i>In Vitro</i> Degradation Tests of Biodegradable Twinning-Induced Plasticity Steels Alloyed with Ag for Stent Applications. ACS Biomaterials Science and Engineering, 2021, 7, 3669-3682.	5.2	7
6	Iron-Based Degradable Implants. , 2019, , 374-385.		4
7	Effect of silver in thermal treatments of Fe-Mn-C degradable metals: Implications for stent processing. Bioactive Materials, 2022, 12, 30-41.	15.6	3
8	Absorbable metals for cardiovascular applications. , 2019, , 523-543.		1