

Galit Katarivas Levy

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

748
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	The Prospects of Zinc as a Structural Material for Biodegradable Implantsâ€”A Review Paper. <i>Metals</i> , 2017, 7, 402.	2.3	208
2	In vivo behavior of biodegradable Mgâ€“Ndâ€“Yâ€“Zrâ€“Ca alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 805-812.	3.6	71
3	Corrosion behaviour of biodegradable magnesium alloys with hydroxyapatite coatings. <i>Surface and Coatings Technology</i> , 2016, 289, 37-44.	4.8	63
4	Effect of diffusion coating of Nd on the corrosion resistance of biodegradable Mg implants in simulated physiological electrolyte. <i>Acta Biomaterialia</i> , 2013, 9, 8624-8630.	8.3	57
5	The effect of Ca on the in vitro corrosion performance of biodegradable Mgâ€“Ndâ€“Yâ€“Zr alloy. <i>Journal of Materials Science</i> , 2010, 45, 3096-3101.	3.7	48
6	Environmental Behavior of Low Carbon Steel Produced by a Wire Arc Additive Manufacturing Process. <i>Metals</i> , 2019, 9, 888.	2.3	47
7	Evaluation of biodegradable Zn-1%Mg and Zn-1%Mg-0.5%Ca alloys for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 174.	3.6	45
8	Surface stabilization treatment enhances initial cell viability and adhesion for biodegradable zinc alloys. <i>Materials Letters</i> , 2019, 248, 130-133.	2.6	33
9	The effect of strain rate on stress corrosion performance of Ti6Al4V alloy produced by additive manufacturing process. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4097-4105.	5.8	32
10	The Effect of Microstructural Imperfections on Corrosion Fatigue of Additively Manufactured ER70S-6 Alloy Produced by Wire Arc Deposition. <i>Metals</i> , 2020, 10, 98.	2.3	30
11	The effect of hot isostatic pressure on the corrosion performance of Ti-6Al-4â€“V produced by an electron-beam melting additive manufacturing process. <i>Additive Manufacturing</i> , 2020, 33, 101039.	3.0	29
12	Cytotoxic characteristics of biodegradable EW10X04 Mg alloy after Nd coating and subsequent heat treatment. <i>Materials Science and Engineering C</i> , 2016, 62, 752-761.	7.3	19
13	Biomimetic and electroactive 3D scaffolds for human neural crest-derived stem cell expansion and osteogenic differentiation. <i>MRS Communications</i> , 2020, 10, 179-187.	1.8	19
14	Albumin-Enriched Fibrin Hydrogel Embedded in Active Ferromagnetic Networks Improves Osteoblast Differentiation and Vascular Self-Organisation. <i>Polymers</i> , 2019, 11, 1743.	4.5	13
15	Functionalisation of a heat-derived and bio-inert albumin hydrogel with extracellular matrix by air plasma treatment. <i>Scientific Reports</i> , 2020, 10, 12429.	3.3	13
16	Influence of Heat Treatment Temperature on Corrosion Characteristics of Biodegradable EW10X04 Mg Alloy Coated with Nd. <i>Advanced Engineering Materials</i> , 2016, 18, 269-276.	3.5	10
17	Stimulation of Human Osteoblast Differentiation in Magneto-Mechanically Actuated Ferromagnetic Fiber Networks. <i>Journal of Clinical Medicine</i> , 2019, 8, 1522.	2.4	10