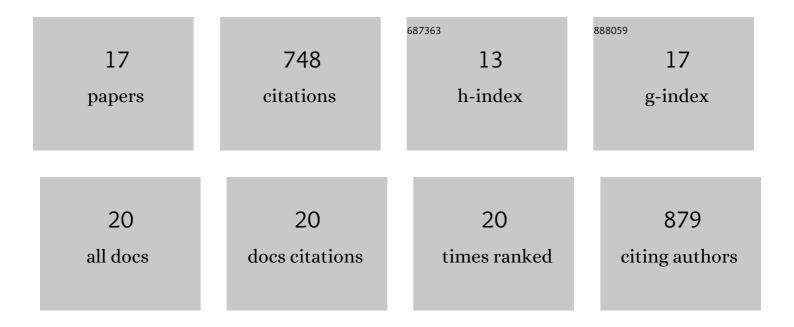
Galit Katarivas Levy

List of Publications by Year in descending order

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