

Mihai A Sopronyi

List of Publications by Year in descending order

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12
papers

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932766

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1199166

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476
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-assisted synthesis of carbon coatings with cobalt oxide nanoparticles embedded in gradient of composition and sizes. <i>Surface and Coatings Technology</i> , 2021, 419, 127301.	2.2	10
2	Composite Drug Delivery System Based on Amorphous Calcium Phosphate-Chitosan: An Efficient Antimicrobial Platform for Extended Release of Tetracycline. <i>Pharmaceutics</i> , 2021, 13, 1659.	2.0	5
3	Gradient multifunctional biopolymer thin film assemblies synthesized by combinatorial MAPLE. <i>Applied Surface Science</i> , 2019, 466, 628-636.	3.1	12
4	Laser-direct writing by two-photon polymerization of 3D honeycomb-like structures for bone regeneration. <i>Biofabrication</i> , 2018, 10, 025009.	3.7	40
5	Synergistic effects of BMP-2, BMP-6 or BMP-7 with human plasma fibronectin onto hydroxyapatite coatings: A comparative study. <i>Acta Biomaterialia</i> , 2017, 55, 481-492.	4.1	39
6	Matrix-Assisted Pulsed Laser Evaporation: A novel approach to design mesoporous carbon films. <i>Carbon</i> , 2017, 122, 484-495.	5.4	11
7	Direct synthesis of graphitic mesoporous carbon from green phenolic resins exposed to subsequent UV and IR laser irradiations. <i>Scientific Reports</i> , 2016, 6, 39617.	1.6	26
8	Combinatorial MAPLE deposition of antimicrobial orthopedic maps fabricated from chitosan and biomimetic apatite powders. <i>International Journal of Pharmaceutics</i> , 2016, 511, 505-515.	2.6	21
9	Structural, compositional, mechanical characterization and biological assessment of bovine-derived hydroxyapatite coatings reinforced with MgF ₂ or MgO for implants functionalization. <i>Materials Science and Engineering C</i> , 2016, 59, 863-874.	3.8	53
10	One-pot laser-assisted synthesis of porous carbon with embedded magnetic cobalt nanoparticles. <i>Nanoscale</i> , 2015, 7, 10111-10122.	2.8	22
11	Light-assisted evaporation induced self-assembly: an efficient approach toward ordered carbon materials. <i>RSC Advances</i> , 2015, 5, 2861-2868.	1.7	17
12	Biomimetic nanocrystalline apatite coatings synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 181, 56-63.	1.7	33