Mihai A Sopronyi

List of Publications by Year
in descending order

12	289	932766 10	1199166 12
papers	citations	h-index	g-index

13	13	13	476
all docs	docs citations	times ranked	citing authors

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