Madalina Elena David

List of Publications by Year
in descending order

37 papers	977 citations	840585 11 h-index	552653 26 g-index
38 all docs	38 docs citations	38 times ranked	1284 citing authors

#	Article	IF	Citations
1	Influence of nonâ€metallic fraction of printed circuit boards waste on recycled polyvinyl chloride from waste wires. Journal of Applied Polymer Science, 2022, 139, 51469.	1.3	4
2	Biocompatible and Antimicrobial Cellulose Acetate-Collagen Films Containing MWCNTs Decorated with TiO2 Nanoparticles for Potential Biomedical Applications. Nanomaterials, 2022, 12, 239.	1.9	12
3	Hybrid Materials Based on Multi-Walled Carbon Nanotubes and TiO2 Nanoparticles with Antimicrobial Properties â€. , 2022, 7, .		0
4	A Multi-Analytical Investigation of Roman Frescoes from Rapoltu Mare (Romania). Coatings, 2022, 12, 530.	1.2	4
5	Surface, Elemental and Electrochemical Characterizations of Ancient Coins By Non â€“ Destructive Techniques. Scientific Bulletin of Valahia University: Materials and Mechanics, 2022, 18, 12-20.	0.1	0
6	Adsorption Processes Coupled with Photochemical Depolution of Waters Contaminated with Direct Orange-26 Azo Dye. Scientific Bulletin of Valahia University: Materials and Mechanics, 2022, 18, 33-37.	0.1	0
7	Wood Surface Modification with Hybrid Materials Based on Multi-Walled Carbon Nanotubes. Nanomaterials, 2022, 12, 1990.	1.9	7
8	Synthesis and characterization of multi-walled carbon nanotubes decorated with hydroxyapatite. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 423-430.	1.0	12
9	Hybrid Materials Based on Multi-Walled Carbon Nanotubes and Nanoparticles with Antimicrobial Properties. Nanomaterials, 2021, 11, 1415.	1.9	31
10	Impact strength elastomer composites based on polystyrene components separated from waste electrical and electronic equipment. Journal of Applied Polymer Science, 2020, 137, 48329.	1.3	8
11	Development of thermoplastic composites based on recycled polypropylene and waste printed circuit boards. Waste Management, 2020, 118, 391-401.	3.7	39
12	Waste Electrical and Electronic Equipment Processing as Thermoplastic Composites. Proceedings (mdpi), 2020, 57, 58.	0.2	0
13	Carbonated Hydroxyapatite Substituted with Magnesium for Stone Consolidation. Proceedings (mdpi), 2020, 57, 59.	0.2	0
14	Embedding Biomaterials into Mortars for Enhancement of Some Physical-Mechanical Properties. Proceedings (mdpi), 2020, 57, .	0.2	0
15	Chemical Synthesis of Multi-Walled Carbon Nanotubes and Their Functionalization with Carboxylated Groups. Proceedings (mdpi), 2020, 57, .	0.2	2
16	Multi-Analytical Characterization of Corvinsâ€™ Castleâ€”Deserted Tower. Construction Materials and Conservation Tests. Heritage, 2020, 3, 941-964.	0.9	5
17	Nanomaterials Used in Conservation and Restoration of Cultural Heritage: An Up-to-Date Overview. Materials, 2020, 13, 2064.	1.3	53
18	Non-Destructive and Micro-Invasive Techniques for Characterizing the Ancient Roman Mosaic Fragments. Applied Sciences (Switzerland), 2020, 10, 3781.	1.3	18

#	Article	IF	Citations
19	DOUBLE SUBSTITUTED CARBONATED HYDROXYAPATITE FOR STONE CONSOLIDATION. Journal of Science and Arts, 2020, 20, 713-730.	0.1	4
20	Waste Electrical and Electronic Equipment: A Review on the Identification Methods for Polymeric Materials. Recycling, 2019, 4, 32.	2.3	32
21	Tailored porphyrinâ€“gold nanoparticles for biomedical applications. Journal of Porphyrins and Phthalocyanines, 2019, 23, 766-780.	0.4	10
22	Methods of synthesis, properties and biomedical applications of polyhydroxyalkanoates: a review. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 695-712.	1.9	98
23	Ion-Substituted Carbonated Hydroxyapatite Coatings for Model Stone Samples. Coatings, 2019, 9, 231.	1.2	27
24	Composites Based on Waste Printed Circuit Boards (WPCB) and Waste Polypropylene. Proceedings (mdpi), 2019, 29, 15.	0.2	0
25	Composites of Styrene-Butadiene Block Copolymer Reinforced with Waste Printed Circuit Boards (WPCB). Proceedings (mdpi), 2019, 29, 19.	0.2	0
26	Elemental and Corrosion Investigations Performed on Coins from 20th Century. Proceedings (mdpi), 2019, 29, 41.	0.2	0
27	Investigation of Chromatic Parameters of Some Samples from Constanta Casino. Proceedings (mdpi), 2019, 29, 64.	0.2	1
28	Photocatalytic Degradation of Direct Orange Dye under Solar Light. Proceedings (mdpi), 2019, 29, .	0.2	1
29	Tailored Gold Nanoparticles for Cancer Imaging and Therapy. Materials International, 2019, 1, 013-024.	1.4	3
30	Waste Electrical and Electronic Equipment Study regarding the plastic composition. Materiale Plastice, 2019, 56, 77-81.	0.4	3
31	Composites of Styrene-butadiene Block-copolymers Reinforced with WEEE Polystyrene Fraction. Materiale Plastice, 2019, 56, 510-513.	0.4	2
32	Introduction in Nutraceutical and Medicinal Foods. , 2018, , 1-12.		3
33	Collagen-Nanoparticles Composites for Wound Healing and Infection Control. Metals, 2017, 7, 516.	1.0	21
34	Methods of Recycling, Properties and Applications of Recycled Thermoplastic Polymers. Recycling, 2017, 2, 24.	2.3	301
35	Biomaterials for Cartilage Tissue Engineering. Journal of Tissue Science & Engineering, 2017, 08, .	0.2	18
36	Nanotherapeutics in the management of infections and cancer. , 2017, , 163-189.		1

#	Article	IF	Citations
37	Methods of Synthesis, Properties and Biomedical Applications of CuO Nanoparticles. Pharmaceuticals, 2016, 9, 75.	1.7	257