

Simion Simon

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

762
citations

759233

12
h-index

610901

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docs citations

24
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural investigations of copper doped B ₂ O ₃ -Bi ₂ O ₃ glasses with high bismuth oxide content. Journal of Non-Crystalline Solids, 2002, 303, 379-386.	3.1	213
2	Vibrational spectroscopy of highly iron doped B ₂ O ₃ -Bi ₂ O ₃ glass systems. Journal of Non-Crystalline Solids, 2003, 324, 109-117.	3.1	167
3	Experimental assessment of the phonon confinement in TiO ₂ anatase nanocrystallites by Raman spectroscopy. Journal of Raman Spectroscopy, 2012, 43, 876-883.	2.5	84
4	Silver effect on the structure of SiO ₂ -CaO-P ₂ O ₅ ternary system. Materials Science and Engineering C, 2012, 32, 178-183.	7.3	53
5	Dental follicle stem cells in bone regeneration on titanium implants. BMC Biotechnology, 2015, 15, 114.	3.3	46
6	Comparative in vitro study regarding the biocompatibility of titanium-base composites infiltrated with hydroxyapatite or silicatitanate. Journal of Biological Engineering, 2014, 8, 14.	4.7	32
7	Bioactivity evolution of the surface functionalized bioactive glasses. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 261-272.	3.4	30
8	Porous c.p. Titanium Using Dextrin as Space Holder for Endosseous Implants. Particulate Science and Technology, 2013, 31, 357-365.	2.1	23
9	The anchoring of fibrinogen to a bioactive glass investigated by FT-IR spectroscopy. Vibrational Spectroscopy, 2012, 62, 172-179.	2.2	18
10	Potential clinical benefits and limitations of fetal virtopsy using high-field MRI at 7 Tesla versus stereomicroscopic autopsy to assess first trimester fetuses. Prenatal Diagnosis, 2019, 39, 505-518.	2.3	18
11	Molybdenum effect on the structure of SiO ₂ -CaO-P ₂ O ₅ bioactive xerogels and on their interface processes with simulated biofluids. Journal of Biomedical Materials Research - Part A, 2014, 102, 3177-3185.	4.0	15
12	Effect of Gadolinium on the Structure and Magnetic Properties of Glass and Glass-Ceramic Sillenites. Journal of the American Ceramic Society, 2010, 93, 2760-2763.	3.8	12
13	High Fraction of Penta-Coordinated Aluminum and Gallium in Lanthanum-Aluminum-Gallium Borates. Journal of the American Ceramic Society, 2016, 99, 2795-2800.	3.8	11
14	Investigation of a medium power radiofrequency capacitively coupled plasma and its application to high-temperature superconductor analysis via atomic emission spectrometry. Journal of Analytical Atomic Spectrometry, 2005, 20, 957.	3.0	9
15	ANTIOXIDANT ACTIVITY OF SOME TYPES OF WHITE WINES AND JUICES INVESTIGATED BY EPR SPECTROSCOPY. Modern Physics Letters B, 2008, 22, 2689-2698.	1.9	8
16	Titania effect on the bioactivity of silicate bioactive glasses. Journal of Raman Spectroscopy, 2016, 47, 1102-1108.	2.5	6
17	Structural characterization of interfaces in silica core-alumina shell microspheres by solid-state NMR spectroscopy. Solid State Nuclear Magnetic Resonance, 2022, 117, 101773.	2.3	4
18	Vibrational Spectroscopic Studies of Germanium-High Bismuthate Glasses and Vitroceramics. Zeitschrift Fur Physikalische Chemie, 2011, 225, 647-660.	2.8	3

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19	RECOMBINATION PARAMETERS OF Cd _x 1-xSe EPITAXIAL LAYERS FROM THE PHOTOCONDUCTIVE EFFECT. Modern Physics Letters B, 2001, 15, 1225-1230.	1.9	2
20	Co-Crystals of Etravirine by Mechanochemical Activation. Journal of Pharmaceutical Sciences, 2022, 111, 1178-1186.	3.3	2
21	Molybdenum effect on the structure of SiO ₂ -CaO-P ₂ O ₅ bioactive xerogels and on their interface processes with simulated biofluids. Journal of Biomedical Materials Research - Part A, 2013, 102, n/a-n/a.	4.0	2
22	The Evaluation of the Four-Chamber Cardiac Dissection Method of the Fetal Heart as an Alternative to Conventional Inflow-€Outflow Dissection in Small Gestational-Age Fetuses. Diagnostics, 2022, 12, 223.	2.6	2
23	Preliminary spectroscopic investigation of some PVA membranes gamma irradiated. Open Physics, 2012, 10, .	1.7	1
24	Note: Sensitivity multiplication module for quartz crystal microbalance applications. Review of Scientific Instruments, 2014, 85, 026116.	1.3	1