

G Sahaya Baskaran

List of Publications by Year in descending order

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papers

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933447

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#	ARTICLE	IF	CITATIONS
1	Dielectric and spectroscopic properties of PbO-Nb ₂ O ₅ -P ₂ O ₅ :V ₂ O ₅ glass system. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 2083-2102.	1.8	69
2	Spectroscopic, magnetic and dielectric investigations of BaO-Ca ₂ O ₃ -P ₂ O ₅ glasses doped by Cu ions. <i>Physica Status Solidi A</i> , 2005, 202, 2812-2828.	1.7	65
3	Studies on influence of aluminium ions on the bioactivity of B ₂ O ₃ -SiO ₂ -P ₂ O ₅ -Na ₂ O-CaO glass system by means of spectroscopic studies. <i>Applied Surface Science</i> , 2013, 287, 46-53.	6.1	61
4	Bioactivity studies on TiO ₂ -bearing Na ₂ O-CaO-SiO ₂ -B ₂ O ₃ glasses. <i>Materials Science and Engineering C</i> , 2015, 57, 240-248.	7.3	40
5	Effect of ZrO ₂ on the bioactive properties of B ₂ O ₃ -SiO ₂ -P ₂ O ₅ -Na ₂ O-CaO glass system. <i>Journal of Non-Crystalline Solids</i> , 2016, 452, 23-29.	3.1	39
6	Investigation on silver doped B ₂ O ₃ -SiO ₂ -P ₂ O ₅ -Na ₂ O-CaO bioglass system for biomedical applications. <i>Journal of Alloys and Compounds</i> , 2018, 734, 318-328.	5.5	24
7	Influence of aluminium ions on physical properties of PbO-P ₂ O ₅ -As ₂ O ₃ glasses. <i>EPJ Applied Physics</i> , 2006, 34, 97-106.	0.7	19
8	Influence of sesquioxides on fluorescence emission of Yb ³⁺ ions in PbO-PbF ₂ -B ₂ O ₃ glass system. <i>Journal of Non-Crystalline Solids</i> , 2013, 378, 265-272.	3.1	14
9	Influence of strontium on structure, bioactivity and corrosion behaviour of B ₂ O ₃ -SiO ₂ -Na ₂ O-CaO glasses-investigation by spectroscopic methods. <i>Optical Materials</i> , 2018, 84, 292-300.	3.6	11
10	In vitro investigations on CoO doped Ca ₂ CaO-B ₂ O ₃ -P ₂ O ₅ -MO bioactive glasses by means of spectroscopic studies. <i>Optical Materials</i> , 2017, 73, 628-637.	3.6	10
11	In vitro degradation studies on bioactive calcium fluoroborophosphate glasses mixed with some modifier oxides-influence of therapeutically active vanadium ions. <i>Materials Chemistry and Physics</i> , 2018, 205, 376-390.	4.0	10
12	Vermiwash-derived enzyme-activated ZnO nanomaterial towards two cascading applications: enhanced photocatalysis and effective irrigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 9584-9595.	2.2	7
13	Optical and spectroscopic study as a tool to probe the role of modifier oxides on bioactive behavior of zirconia added sodium boro silicate glass system. <i>Optical Materials</i> , 2019, 98, 109451.	3.6	5
14	Influence of Ga ³⁺ ions on the structure and in vitro bioactivity of B ₂ O ₃ -SiO ₂ -Na ₂ O-CaO glass system. <i>Materials Today: Proceedings</i> , 2018, 5, 26245-26254.	1.8	2
15	Effect of Some Modifier Ions in CuO Doped Sodium Borosilicate Antibacterial Bioglass. <i>Asian Journal of Chemistry</i> , 2021, 33, 591-599.	0.3	1
16	Role of molybdenum ions in lead zinc phosphate glass system by means of dielectric studies. <i>Materials Science-Poland</i> , 2018, 36, 623-629.	1.0	0
17	Ultrasonic Investigation of Viscoelastic Properties in Silver Nanofluids. <i>Asian Journal of Chemistry</i> , 2022, 34, 550-556.	0.3	0