

Department of Chemistry

List of Publications

2020-2021

S.No	Title of the paper	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexing Scopus/ SCI/ SCIE/ WoS	Is it available in Scopus Author Search (Yes/ No)	Online Link of the paper (by clicking this link, paper should be opened in online)
1.	Influence of tin substitution on negative thermal expansion of $K_2Zr_{2-x}Sn_xP_2SiO_{12}$ ($x = 0 - 2$) phosphosilicates ceramics	D. Balaji , Materials Chemistry Research Laboratory, Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore - 641407.	T. R. Mandlimath, S. Pratheep Kumar (Corresponding author) Materials Chemistry Research Laboratory, Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore - 641407.	Ceramics International	46, 13877-13885 (15 June 2020)	SCIE, WoS, Scopus	Yes	https://doi.org/10.1016/j.ceramint.2020.02.181
2	Langbeinite Phosphates $KPbM_2(PO_4)_3$ ($M = Cr, Fe$): Synthesis, Structure, Thermal Expansion, and Magnetic Properties Investigation	D. Balaji , Materials Chemistry Research Laboratory, Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore - 641407.	T. R. Mandlimath, J. Chen, Y. Matsushita, S. Pratheep Kumar (Corresponding Author) 2 nd & 5 th author- Materials Chemistry Research Laboratory, Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore - 641407. 3 rd & 4 th author- National Institute for Materials Science, 1-2-1	Inorganic Chemistry	59, 13245-13253 (2 September 2020)	SCIE, Scopus	Yes	https://pubs.acs.org/doi/10.1021/acs.inorgchem.0c01597

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