

## Department of Chemistry

### List of Publications

2023-2024

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 opened in online)
1	Exploring the cutting-edge properties of 3-nitrophthalic acid single crystal: growth, structure, optical and quantum chemical studies	K. S. Ramesh 1Department of Chemistry, Adithya Institute of Technology, Coimbatore, Tamil Nadu 641 107, India	M. Saravanakumar, <b>R. Saravanan</b> , Mohanraj Kumar (Corresponding author), Jih-Hsing Chang (Corresponding author) <b>Saravanabhavan Munusamy</b> (Corresponding author)  2 <sup>nd</sup> author- Crystal Research Laboratory, Department of Physics, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, Tamil Nadu 641 020, India  3 <sup>rd</sup> & 6 <sup>th</sup> author- Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu 641 407, India  4 <sup>th</sup> & 5 <sup>th</sup> author- Department of Environmental Engineering and	Journal of Materials Science: Materials in Electronics	34, 1726 (28 August 2023)	SCI	Yes	<a href="https://link.springer.com/article/10.1007/s10854-023-11113-2">https://link.springer.com/article/10.1007/s10854-023-11113-2</a>

			Management, Chaoyang University of Technology, Taichung City 413310, Taiwan						
2	Potential of a novel binuclear Ni (II) single crystal to act as a luminescent platform for sensing Cd <sub>2</sub> <sup>+</sup> - Crystal structure, spectroscopic and sensing studies	S. Shanjitha, Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore 641 004, Tamil Nadu, India	K. Suvarna, <b>D. Sudha</b> , S. Jone Kirubavathy (Corresponding author) 2 <sup>nd</sup> &4 <sup>th</sup> author- Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore 641 004, Tamil Nadu, India  3 <sup>rd</sup> author- Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore 641 407, Tamil Nadu, India	Inorganica Chimica Acta	553, 121541 (1 August 2023)		SCI	Yes	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0020169323001652">https://www.sciencedirect.com/science/article/abs/pii/S0020169323001652</a>

  
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