

# Joseph Arul Pragasam A

## List of Publications by Year in descending order

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34  
papers

502  
citations

516215

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22  
g-index

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docs citations

35  
times ranked

314  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Third order measurements, thermal and mechanical stress tolerance studies of a nonlinear borate family hybrid crystal towards optoelectronic applications. <i>Materials Today: Proceedings</i> , 2022, 49, 1504-1510. | 0.9 | 3         |
| 2  | Synthesis, growth and characterization of NLO single crystals for Remote Sensing applications. <i>Journal of Physics: Conference Series</i> , 2021, 1770, 012095.   | 0.3 | 0         |
| 3  | Analysis on Dielectric, Thermal, and Mechanical Characteristics of Nickel Boro Phthalate NLO Crystal for Optoelectronic Applications. <i>Crystal Research and Technology</i> , 2021, 56, 2000247.                     | 0.6 | 4         |
| 4  | An Investigation on Opto-thermo-mechanical Behaviour of a Borate Family NLO Crystal for Photonic Applications. <i>Brazilian Journal of Physics</i> , 2021, 51, 1625-1635.   | 0.7 | 5         |
| 5  | Optical Based Electrical Properties of Thiourea Borate NLO Crystal for Electro-Optic Q Switches. <i>Journal of Electronic Materials</i> , 2019, 48, 5632-5639.  | 1.0 | 19        |
| 6  | Studies on third order nonlinear optical properties of Nickel Boro Phthalate NLO crystal. <i>Materials Research Express</i> , 2019, 6, 116213.  | 0.8 | 10        |
| 7  | Analysis on linear and nonlinear optical properties of an efficient semi-organic crystal: Thiourea borate. <i>Optics and Laser Technology</i> , 2018, 107, 428-434.   | 2.2 | 17        |
| 8  | Analysis on the Growth and Characterization of a Non-linear Optical Single Crystal: L-Cystine Dihydrobromide. <i>Materials Research</i> , 2015, 18, 828-832.  | 0.6 | 20        |
| 9  | Crystal growth, structural, optical, thermal and electrical properties of organic NLO l-arginine acetamide single crystal. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 785-789.                   | 2.0 | 3         |
| 10 | Studies on crystallization and characterization of l-cysteiniumchloride nicotinamide monohydrate single crystal. <i>Optik</i> , 2015, 126, 4322-4325.   | 1.4 | 0         |
| 11 | Growth and Characterization of Non-Linear Optical Single Crystal: L-cysteine Hydrochloride Monohydrate. <i>Acta Physica Polonica A</i> , 2015, 128, 423-431.  | 0.2 | 16        |
| 12 | Investigation on structural, spectral, and thermal properties of l-histidinium glutarate monohydrate (LHG). <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 333-338.                                  | 2.0 | 17        |
| 13 | Studies on the characterisation of l-proline thiourea monohydrate nonlinear optical single crystal. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 963-968.  | 2.0 | 10        |
| 14 | Crystal growth and Characterization of an NLO material: L-cysteinium Sodium Nitrate Chloride (LCSNC). <i>Photonics Letters of Poland</i> , 2014, 6, .   | 0.2 | 0         |
| 15 | Growth and Characterization of Pure and Thiourea-Doped L-Alanine Single Crystals for NLO Devices. <i>Journal of Russian Laser Research</i> , 2013, 34, 346-350.   | 0.3 | 8         |
| 16 | Growth and Characterization of Pure and Thiourea Doped L-Histidine Single Crystals. <i>Materials and Manufacturing Processes</i> , 2012, 27, 355-359.   | 2.7 | 16        |
| 17 | Spectral, optical, and thermal studies of pure and Zn(II)-doped l-histidine hydrochloride monohydrate (LHHC) crystals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 110, 839-845.                       | 2.0 | 17        |
| 18 | Crystal growth, spectral, optical, and thermal characterization of glycyl-l-alanine hydrochloride (GLAH) single crystal. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 110, 873-878.                     | 2.0 | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Structural, optical and thermal characteristics of a novel orthorhombic l-proline thiourea monohydrate. Journal of Thermal Analysis and Calorimetry, 2012, 110, 891-895.                                       | 2.0 | 5         |
| 20 | Studies on the Growth Aspects of Thiourea Doped L-Alanine Hydrogenchloride: A Promising NLO Crystal. Advanced Materials Research, 2012, 584, 70-73.  | 0.3 | 3         |
| 21 | Crystal structure, optical and thermal studies of a new organic nonlinear optical material: l-Histidinium maleate 1.5-hydrate. Materials Research Bulletin, 2012, 47, 1648-1652.                               | 2.7 | 24        |
| 22 | Crystallization, spectral, and thermal characterization of l-histidine methyl ester dihydrochloride (LHMED). Journal of Thermal Analysis and Calorimetry, 2012, 107, 1231-1235.                                | 2.0 | 23        |
| 23 | Second harmonic generation in Thiourea doped L-Threonine Non Linear Optical single crystal. , 2010, , .  |     | 0         |
| 24 | Growth and Optical Studies of a Novel Organometallic Complex NLO Crystal: Tetrathiourea Cadmium(II) Tetrathiocyanato Zinc(II). Materials and Manufacturing Processes, 2007, 22, 370-374.                       | 2.7 | 19        |
| 25 | Growth and Characterization of a Novel Organometallic Nonlinear Optical Crystal: Bis(Thiourea) Cadmium Formate. Crystal Growth and Design, 2006, 6, 2607-2610.   | 1.4 | 51        |
| 26 | Growth and characterization of an organometallic nonlinear optical crystal of manganese mercury thiocyanate (MMTC). Journal of Crystal Growth, 2006, 296, 51-57.   | 0.7 | 28        |
| 27 | Growth and characterization of amino acid (glycine and valine) substituted l-arginine diphosphate single crystals. Optical Materials, 2006, 29, 173-179.   | 1.7 | 25        |
| 28 | Growth and characterization of pure, benzophenone and iodine doped benzoyl glycine single crystals. Materials Chemistry and Physics, 2006, 97, 501-505.  | 2.0 | 29        |
| 29 | Crystallization and characterization of nonlinear optical l-histidinium dihydrogen orthophosphate orthophosphoric acid single crystal. Crystal Research and Technology, 2006, 41, 997-1001.                    | 0.6 | 5         |
| 30 | Growth and characterization of semiorganic NLO crystals of LAHClBr. Crystal Research and Technology, 2006, 41, 1231-1235.  | 0.6 | 11        |
| 31 | Growth and optical characterization of Cu- and Mg- substituted l-arginine di phosphate single crystals. Journal of Crystal Growth, 2005, 280, 271-278.   | 0.7 | 32        |
| 32 | Studies on the growth and characterization of l-argininium formate single crystals. Journal of Crystal Growth, 2004, 267, 619-623.   | 0.7 | 17        |
| 33 | Growth, microhardness and optical characterization of l-arginine hydrofluoride (LAHF) single crystals. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 107, 259-263. | 1.7 | 21        |
| 34 | Growth and characterization of pure and doped potassium pentaborate (KB5) single crystals. Journal of Crystal Growth, 2003, 247, 199-206.  | 0.7 | 27        |