

# Rajkumar Durairaj

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5123385/publications.pdf>

Version: 2024-02-01

14  
papers

507  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

795  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effect on the wettability, hardness and shear strength properties of 3%-nano Titanium Oxide (TiO <sub>2</sub> ) added Sn-3.8Ag-0.7Cu (SAC)/Copper (Cu) solder joint. MATEC Web of Conferences, 2018, 237, 02013. | 0.2 | 2         |
| 2  | Influences of nano bio-filler on the fire-resistive and mechanical properties of water-based intumescent coatings. Progress in Organic Coatings, 2018, 124, 33-40.   | 3.9 | 40        |
| 3  | Integration of active and passive cool roof system for attic temperature reduction. AIP Conference Proceedings, 2017, , .  | 0.4 | 1         |
| 4  | Influence of Nano-3%Al <sub>2</sub> O <sub>3</sub> on the Properties of Low Temperature Sn-58Bi (SB) Lead-free Solder Alloy. IOP Conference Series: Materials Science and Engineering, 2017, 205, 012002.        | 0.6 | 3         |
| 5  | Mechanical and Electrical Properties of Carbon Nanotubes Based Isotropic Conductive Adhesives. Materials Science Forum, 2016, 857, 93-97.  | 0.3 | 1         |
| 6  | Antibiofilm properties of chemically synthesized silver nanoparticles found against Pseudomonas aeruginosa. Journal of Nanobiotechnology, 2014, 12, 2.   | 9.1 | 139       |
| 7  | Rheological Studies of PMMA&PVC Based Polymer Blend Electrolytes with LiTFSI as Doping Salt. PLoS ONE, 2014, 9, e102815.   | 2.5 | 37        |
| 8  | Investigation on the Morphology of Sintered Silver Nanomaterial for Electronic Packaging Application. Advanced Materials Research, 2013, 832, 21-26.   | 0.3 | 0         |
| 9  | Impact of low viscosity ionic liquid on PMMA&PVC&LiTFSI polymer electrolytes based on AC-impedance, dielectric behavior, and HATR&FTIR characteristics. Journal of Materials Research, 2012, 27, 2996-3004.      | 2.6 | 61        |
| 10 | Pressure free sintering of silver nanoparticles to silver substrate using weakly binding ligands. , 2012, , .  |     | 2         |
| 11 | Effect of ethylene carbonate in poly (methyl methacrylate)-lithium tetraborate based polymer electrolytes. Journal of Non-Crystalline Solids, 2011, 357, 1357-1363.  | 3.1 | 27        |
| 12 | Effect of PVC on ionic conductivity, crystallographic structural, morphological and thermal characterizations in PMMA&PVC blend-based polymer electrolytes. Thermochimica Acta, 2010, 511, 140-146.              | 2.7 | 100       |
| 13 | Rheological characterisation of solder pastes and isotropic conductive adhesives used for flip-chip assembly. Journal of Materials Processing Technology, 2009, 209, 3923-3930.                                  | 6.3 | 55        |
| 14 | Thixotropy flow behaviour of solder and conductive adhesive pastes. Journal of Materials Science: Materials in Electronics, 2004, 15, 677-683.   | 2.2 | 39        |