

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