

Ravinder Elupula

List of Publications by Year in descending order

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19
papers

462
citations

759233

12
h-index

794594

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20
all docs

20
docs citations

20
times ranked

736
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Major Impact of Cyclic Chain Topology on the T_g -Confinement Effect of Supported Thin Films of Polystyrene. <i>Macromolecules</i> , 2016, 49, 257-268. | 4.8 | 67 |
| 2 | Recent Advances in Hydrogel-Based Drug Delivery for Melanoma Cancer Therapy: A Mini Review. <i>Journal of Drug Delivery</i> , 2017, 2017, 1-9. | 2.5 | 55 |
| 3 | Core-shell structured poly(glycidyl methacrylate)/BaTiO ₃ nanocomposites prepared by surface-initiated atom transfer radical polymerization: A novel material for high energy density dielectric storage. <i>Journal of Polymer Science Part A</i> , 2015, 53, 719-728. | 2.3 | 45 |
| 4 | Polymer Nanocomposites for Energy Storage Applications. <i>Materials Today: Proceedings</i> , 2015, 2, 3853-3863. | 1.8 | 42 |
| 5 | Suppression of the Fragility-Confinement Effect via Low Molecular Weight Cyclic or Ring Polymer Topology. <i>Macromolecules</i> , 2017, 50, 1147-1154. | 4.8 | 33 |
| 6 | Polymer-ceramic nanocomposites for high energy density applications. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 641-646. | 2.4 | 31 |
| 7 | Determining the Origins of Impurities during Azide-Alkyne Click Cyclization of Polystyrene. <i>Macromolecules</i> , 2016, 49, 4369-4372. | 4.8 | 31 |
| 8 | Core-shell like structured barium zirconium titanate-barium calcium titanate-poly(methyl methacrylate) nanocomposites for energy storage. <i>Journal of Applied Polymer Science</i> , 2017, 121, 5046-5054. | 3.8 | 29 |
| 9 | Efficient Synthesis of High Purity Homoarm and Miktoarm Poly(ethylene glycol) Stars Using Epoxide and Azide-Alkyne Coupling Chemistry. <i>Macromolecular Rapid Communications</i> , 2014, 35, 146-151. | 3.9 | 21 |
| 10 | Photonic curing of aromatic thiol-ene click dielectric capacitors via inkjet printing. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17380-17386. | 10.3 | 17 |
| 11 | Determination of polyethylene glycol end group functionalities by combination of selective reactions and characterization by matrix assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 816, 28-40. | 5.4 | 17 |
| 12 | Click-In Ferroelectric Nanoparticles for Dielectric Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17819-17825. | 8.0 | 17 |
| 13 | Low temperature sintered giant dielectric permittivity CaCu ₃ Ti ₄ O ₁₂ sol-gel synthesized nanoparticle capacitors. <i>Journal of Advanced Dielectrics</i> , 2017, 07, 1750017. | 2.4 | 13 |
| 14 | Use of MALDI-ToF MS to elucidate the structure of oligomeric impurities formed during click cyclization of polystyrene. <i>Reactive and Functional Polymers</i> , 2014, 80, 83-94. | 4.1 | 12 |
| 15 | Surface modified BaTiO ₃ -polystyrene nanocomposites for energy storage. <i>International Journal of Nanotechnology</i> , 2014, 11, 910. | 0.2 | 11 |
| 16 | PVDF-BaSrTiO ₃ nanocomposites for flexible electrical energy storage devices. <i>Emerging Materials Research</i> , 2014, 3, 265-270. | 0.7 | 10 |
| 17 | Elucidating Branching Topology and Branch Lengths in Star-Branched Polymers by Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1981-1991. | 2.8 | 5 |
| 18 | Dielectric Properties of UV Cured Thick Film Polymer Networks through High Power Xenon Flash Lamp Curing. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1630, 1. | 0.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Synthesis and structural properties of Ba(1-x)LaxTiO3 perovskite nanoparticles fabricated by solvothermal synthesis route. AIP Conference Proceedings, 2017, , . | 0.4 | 2 |