

Ravinder Elupula

List of Publications by Year in descending order

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19
papers

462
citations

758635

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h-index

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20
docs citations

20
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.2	5
2	Suppression of the Fragility-Confinement Effect via Low Molecular Weight Cyclic or Ring Polymer Topology. <i>Macromolecules</i> , 2017, 50, 1147-1154.	2.2	33
3	Synthesis and structural properties of Ba(1-x)LaxTiO3 perovskite nanoparticles fabricated by solvothermal synthesis route. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2
4	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.	1.5	13
5	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
6	Core-shell like structured barium zirconium titanate-barium calcium titanate-poly(methyl methacrylate) nanocomposites for dielectric energy storage. <i>Journal of Applied Polymer Science</i> , 2017, 129, 542-552.	1.8	29
7	Determining the Origins of Impurities during Azide-Alkyne Click Cyclization of Polystyrene. <i>Macromolecules</i> , 2016, 49, 4369-4372.	2.2	31
8	Major Impact of Cyclic Chain Topology on the Topology-Confinement Effect of Supported Thin Films of Polystyrene. <i>Macromolecules</i> , 2016, 49, 257-268.	2.2	67
9	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.	2.5	45
10	Click-In Ferroelectric Nanoparticles for Dielectric Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17819-17825.	4.0	17
11	Polymer Nanocomposites for Energy Storage Applications. <i>Materials Today: Proceedings</i> , 2015, 2, 3853-3863.	0.9	42
12	Polymer-ceramic nanocomposites for high energy density applications. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 641-646.	1.1	31
13	Surface modified BaTiO ₃ -polystyrene nanocomposites for energy storage. <i>International Journal of Nanotechnology</i> , 2014, 11, 910.	0.1	11
14	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
15	Photonic curing of aromatic thiol-ene click dielectric capacitors via inkjet printing. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17380-17386.	5.2	17
16	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.	2.0	12
17	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.	2.6	17
18	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.	2.0	21

#	ARTICLE	IF	CITATIONS
19	PVDF/BaSrTiO ₃ nanocomposites for flexible electrical energy storage devices. Emerging Materials Research, 2014, 3, 265-270.	0.4	10