

# Ravinder Elupula

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6291955/publications.pdf>

Version: 2024-02-01

19  
papers

462  
citations

758635

12  
h-index

794141

19  
g-index

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.	2.2	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 <sub>3</sub> 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
4	Polymer Nanocomposites for Energy Storage Applications. <i>Materials Today: Proceedings</i> , 2015, 2, 3853-3863.	0.9	42
5	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
6	Polymer-ceramic nanocomposites for high energy density applications. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 641-646.	1.1	31
7	Determining the Origins of Impurities during Azide-Alkyne Click Cyclization of Polystyrene. <i>Macromolecules</i> , 2016, 49, 4369-4372.	2.2	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, 123, 462-470.	1.8	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.	2.0	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.	5.2	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.	2.6	17
12	Click-In Ferroelectric Nanoparticles for Dielectric Energy Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17819-17825.	4.0	17
13	Low temperature sintered giant dielectric permittivity CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> sol-gel synthesized nanoparticle capacitors. <i>Journal of Advanced Dielectrics</i> , 2017, 07, 1750017.	1.5	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.	2.0	12
15	Surface modified BaTiO <sub>3</sub> -polystyrene nanocomposites for energy storage. <i>International Journal of Nanotechnology</i> , 2014, 11, 910.	0.1	11
16	PVDF-BaSrTiO <sub>3</sub> nanocomposites for flexible electrical energy storage devices. <i>Emerging Materials Research</i> , 2014, 3, 265-270.	0.4	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.	1.2	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, , .	0.3	2