

Samarendra Maji

List of Publications by Year in descending order

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55
papers

1,445
citations

331670

21
h-index

345221

36
g-index

56
all docs

56
docs citations

56
times ranked

2330
citing authors

#	ARTICLE	IF	CITATIONS
1	PDMAEMA based gene delivery materials. <i>Materials Today</i> , 2012, 15, 388-393.	14.2	274
2	Environment sensitive hydrogels for drug delivery applications. <i>European Polymer Journal</i> , 2019, 120, 109220.	5.4	103
3	Salt Plays a Pivotal Role in the Temperature-Responsive Aggregation and Layer-by-Layer Assembly of Polymer-Decorated Gold Nanoparticles. <i>Chemistry of Materials</i> , 2013, 25, 4297-4303.	6.7	67
4	Carrageenan: A Wonder Polymer from Marine Algae for Potential Drug Delivery Applications. <i>Current Pharmaceutical Design</i> , 2019, 25, 1172-1186.	1.9	62
5	Poly(N-isopropylacrylamide) coated gold nanoparticles as colourimetric temperature and salt sensors. <i>Polymer Chemistry</i> , 2016, 7, 1705-1710.	3.9	61
6	Polymer-protein conjugation via a grafting to approach a comparative study of the performance of protein-reactive RAFT chain transfer agents. <i>Polymer Chemistry</i> , 2015, 6, 5602-5614.	3.9	56
7	Tuning the LCST and UCST Thermo-responsive Behavior of Poly(N,N-dimethylaminoethyl) Tj ETQq1 1 0.784314 rgBT Copolymerization. <i>Macromolecular Rapid Communications</i> , 2015, 36, 633-639.	3.9	49
8	Novel amphiphilic, biodegradable, biocompatible, cross-linkable copolymers: synthesis, characterization and drug delivery applications. <i>Polymer Chemistry</i> , 2012, 3, 2785.	3.9	44
9	Hydrogen Bonded Multilayer Films Based on Poly(2-oxazoline)s and Tannic Acid. <i>Advanced Healthcare Materials</i> , 2014, 3, 2040-2047.	7.6	44
10	Nanoporous Hydrogen Bonded Polymeric Microparticles: Facile and Economic Production of Cross Presentation Promoting Vaccine Carriers. <i>Advanced Functional Materials</i> , 2014, 24, 4634-4644.	14.9	41
11	Synthesis, characterization, and properties of novel fluorine containing aromatic polyamides. <i>Journal of Applied Polymer Science</i> , 2008, 108, 1356-1364.	2.6	32
12	Biobased Polymers from Plant-Derived Tulipalin A. <i>ACS Symposium Series</i> , 2012, , 197-212.	0.5	30
13	Functional Poly(Dimethyl Aminoethyl Methacrylate) by Combination of Radical Ring-Opening Polymerization and Click Chemistry for Biomedical Applications. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1643-1654.	2.2	29
14	Solvent-free mechanochemical synthesis of a bicyclononyne tosylate: a fast route towards bioorthogonal clickable poly(2-oxazoline)s. <i>Polymer Chemistry</i> , 2015, 6, 8354-8359.	3.9	29
15	Waterborne Electrospinning of Poly(N-isopropylacrylamide) by Control of Environmental Parameters. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24100-24110.	8.0	29
16	Synthesis and characterization of new poly(ether amide)s based on a new cardo monomer. <i>Polymers for Advanced Technologies</i> , 2009, 20, 384-392.	3.2	28
17	Functional Degradable Polymers via Radical Ring-Opening Polymerization and Click Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2573-2582.	2.2	27
18	RAFT Polymerization of 4-vinylphenylboronic Acid as the Basis for Micellar Sugar Sensors. <i>Macromolecular Rapid Communications</i> , 2014, 35, 214-220.	3.9	24

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19	Thermoresponsive polymer coated gold nanoparticles: from MADIX/RAFT copolymerization of N-vinylpyrrolidone and N-vinylcaprolactam to salt and temperature induced nanoparticle aggregation. RSC Advances, 2015, 5, 42388-42398.	3.6	24
20	Synthesis and characterization of highly soluble poly(ether imide)s containing indane moieties in the main chain. Journal of Applied Polymer Science, 2009, 112, 3640-3651.	2.6	22
21	Antimicrobial Hydantoinâ€grafted Poly(Î¼â€caprolactone) by Ringâ€Opening Polymerization and Click Chemistry. Macromolecular Bioscience, 2012, 12, 1721-1730.	4.1	22
22	Selective Detection of Trinitrophenol by Amphiphilic Dimethylaminopyridine-Appended Zn(II)phthalocyanines at the Near-Infrared Region. ACS Omega, 2019, 4, 6218-6228.	3.5	22
23	Preparation of new semifluorinated aromatic poly(ether amide)s and evaluation of pervaporation performance for benzene/cyclohexane 50/50 mixture. Journal of Membrane Science, 2010, 349, 145-155.	8.2	21
24	Reversible Calcium(II)â€Ion Binding through an Apparent p<i>K</i></sub> Shift of Thermosensitive Blockâ€Copolymer Micelles. Angewandte Chemie - International Edition, 2015, 54, 14085-14089.	13.8	19
25	Antimicrobial Hydantoinâ€Containing Polyesters. Macromolecular Bioscience, 2012, 12, 1068-1076.	4.1	18
26	Î±-TOS-based RAFT block copolymers and their NPs for the treatment of cancer. Polymer Chemistry, 2016, 7, 838-850.	3.9	18
27	Saltâ€Driven Deposition of Thermoresponsive Polymerâ€Coated Metal Nanoparticles on Solid Substrates. Angewandte Chemie - International Edition, 2016, 55, 7086-7090.	13.8	17
28	Understanding the effect of monomer structure of oligoethylene glycol acrylate copolymers on their thermoresponsive behavior for the development of polymeric sensors. Polymer Chemistry, 2019, 10, 5778-5789.	3.9	17
29	Tailoring Cellular Uptake of Gold Nanoparticles Via the Hydrophilicâ€toâ€Hydrophobic Ratio of their (Co)polymer Coating. Advanced Functional Materials, 2015, 25, 3433-3439.	14.9	16
30	RAFT/MADIX polymerization of N-vinylcaprolactam in waterâ€ethanol solvent mixtures. Polymer Chemistry, 2017, 8, 2433-2437.	3.9	16
31	Fabrication and Characterization of Poly (vinyl alcohol) and Chitosan Oligosaccharide-Based Blend Films. Gels, 2021, 7, 55.	4.5	16
32	Organosoluble poly(ether imide)s from phthalimidine based and trifluoromethyl substituted bis(ether) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	15
33	Synthesis, characterization, and properties of semifluorinated organoâ€soluble new aromatic polyamides. Polymers for Advanced Technologies, 2012, 23, 77-84.	3.2	15
34	Synthesis and characterization of new meta connecting semifluorinated poly(ether amide)s and their pervaporation properties for benzene/cyclohexane mixtures. Journal of Membrane Science, 2010, 360, 380-388.	8.2	14
35	Separation of benzene/cyclohexane mixture using semifluorinated aromatic poly(ether amide) membranes with and without cardo unit in the main chain. Separation and Purification Technology, 2009, 70, 128-135.	7.9	13
36	Preparation and characterization of cocoa butter and whey protein isolate based emulgels for pharmaceutical and probiotics delivery applications. Journal of Dispersion Science and Technology, 2020, 41, 426-440.	2.4	13

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37	New poly(arylene ether)s containing phthalimidine group in the main chain. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1226-1233.	2.6	11
38	Dual pH and thermoresponsive alternating polyampholytes in alcohol/water solvent mixtures. <i>Polymer Chemistry</i> , 2020, 11, 2205-2211.	3.9	11
39	Synthesis, characterization, and comparison of properties of new fluorinated poly(arylene ether)s containing phthalimidine moiety in the main chain. <i>Polymers for Advanced Technologies</i> , 2010, 21, 767-773.	3.2	10
40	Salt-Driven Deposition of Thermoresponsive Polymer-Coated Metal Nanoparticles on Solid Substrates. <i>Angewandte Chemie</i> , 2016, 128, 7202-7206.	2.0	9
41	Pyrazoloanthrone-functionalized fluorescent copolymer for the detection and rapid analysis of nitroaromatics. <i>Materials Chemistry Frontiers</i> , 2021, 5, 238-248.	5.9	9
42	Enhanced Bioactivity of α -Tocopheryl Succinate Based Block Copolymer Nanoparticles by Reduced Hydrophobicity. <i>Macromolecular Bioscience</i> , 2016, 16, 1824-1837.	4.1	7
43	$\text{Ru}(\text{Cymene})\text{P}(\text{vinylpyrrolidone})$ surface functionalized gold nanoparticles: from organoruthenium complex to nanomaterial for antiproliferative activity. <i>Dalton Transactions</i> , 2021, 50, 8232-8242.	3.3	7
44	Linear polyethylenimine as (multi) functional initiator for organocatalytic L-lactide polymerization. <i>Journal of Materials Chemistry B</i> , 2015, 3, 612-619.	5.8	5
45	Microphase segregation and selective chain scission of poly(2-methyl-2-oxazoline)- <i>block</i> -polystyrene. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1349-1357.	2.3	5
46	Graphene Oxide Increases Corneal Permeation of Ciprofloxacin Hydrochloride from Oleogels: A Study with Cocoa Butter-Based Oleogels. <i>Gels</i> , 2020, 6, 43.	4.5	5
47	Preparation of novel poly(vinyl alcohol)/chitosan lactate-based phase-separated composite films for UV-shielding and drug delivery applications. <i>Polymer Bulletin</i> , 2022, 79, 3253-3290.	3.3	5
48	Co-poly(aryl ether sulfone)s containing phthalimidine moiety in the main chain. <i>Polymers for Advanced Technologies</i> , 2011, 22, 794-801.	3.2	4
49	Synthesis of New Poly(biphenylene oxide) with Pendent Trifluoromethyl Group. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 47, 154-159.	2.2	2
50	Smart polymeric gels. , 2018, , 179-230.		2
51	Polysaccharide-based polymeric gels as drug delivery vehicles. , 2021, , 283-325.		2
52	Benzotrifluoromethyl group-substituted poly(para-phenylenevinylene): Effect on solubility, optical, and electronic properties. <i>Journal of Applied Polymer Science</i> , 2010, 116, 1603-1610.	2.6	1
53	Synthesis and Characterization of Semifluorinated Aromatic Copoly(ether amide)s. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 484-492.	2.2	0
54	Macromol. Biosci. 12/2012. <i>Macromolecular Bioscience</i> , 2012, 12, n/a-n/a.	4.1	0

#	ARTICLE	IF	CITATIONS
55	Fluorometric detection of fluoride and thiocyanate ions using novel anthrapyrazolone derivatives. Materials Today: Proceedings, 2021, 40, S241-S247.	1.8	0