

# Durairaj Baskaran

## List of Publications by Year in descending order

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30  
papers

1,584  
citations

471509

17  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noncovalent and Nonspecific Molecular Interactions of Polymers with Multiwalled Carbon Nanotubes. <i>Chemistry of Materials</i> , 2005, 17, 3389-3397.	6.7	361
2	Carbon Nanotubes with Covalently Linked Porphyrin Antennae: Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2005, 127, 6916-6917.	13.7	326
3	Anionic vinyl polymerization—50 years after Michael Szwarc. <i>Progress in Polymer Science</i> , 2007, 32, 173-219.	24.7	221
4	Hyperbranched polymers from divinylbenzene and 1,3-diisopropenylbenzene through anionic self-condensing vinyl polymerization. <i>Polymer</i> , 2003, 44, 2213-2220.	3.8	77
5	Grafting Efficiency of Hydroxy-Terminated Poly(methyl methacrylate) with Multiwalled Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , 2005, 26, 481-486.	3.9	67
6	Controlled Covalent Functionalization of Multiwalled Carbon Nanotubes using [4 + 2] Cycloaddition of Benzocyclobutenes. <i>Chemistry of Materials</i> , 2007, 19, 6370-6372.	6.7	65
7	Surface-Initiated Titanium-Mediated Coordination Polymerization from Catalyst-Functionalized Single and Multiwalled Carbon Nanotubes. <i>Macromolecules</i> , 2009, 42, 3340-3346.	4.8	57
8	Polymer adsorption in the grafting reactions of hydroxyl terminal polymers with multi-walled carbon nanotubes. <i>Polymer</i> , 2005, 46, 5050-5057.	3.8	52
9	Enhanced Polymer Grafting from Multiwalled Carbon Nanotubes through Living Anionic Surface-Initiated Polymerization. <i>Chemistry of Materials</i> , 2008, 20, 6217-6230.	6.7	51
10	Polymer grafted Janus multi-walled carbon nanotubes. <i>Soft Matter</i> , 2009, 5, 4272.	2.7	40
11	Well-Defined Poly(4-vinylbenzocyclobutene): Synthesis by Living Anionic Polymerization and Characterization. <i>Macromolecules</i> , 2006, 39, 3525-3530.	4.8	30
12	Highly efficient recyclable hydrated-clay supported catalytic system for atom transfer radical polymerization. <i>Chemical Communications</i> , 2009, , 4518.	4.1	29
13	Hydrated Clay for Catalyst Removal in Copper Mediated Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1538-1543.	3.9	28
14	Polymerization of Methacrylates in the Presence of Tetraphenylphosphonium Cation. 2. Evidence for Phosphorylide-Mediated Polymerizations. <i>Macromolecules</i> , 1997, 30, 6695-6697.	4.8	25
15	Anionic polymerization of methyl methacrylate using tetrakis[tris(dimethylamino)phosphoranylideneamino] phosphonium (P <sup>5+</sup> ) as counterion in tetrahydrofuran. <i>Macromolecular Rapid Communications</i> , 2000, 21, 390-395.	3.9	21
16	Asymmetrical self-assembly from fluorinated and sulfonated block copolymers in aqueous media. <i>Soft Matter</i> , 2011, 7, 7960.	2.7	19
17	Grafting Reactions of Living Macroanions with Multi-Walled Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 1560-1567.	0.9	18
18	Preparation of Polyurethane Microspheres via Dispersion Polycondensation Using Poly(1,4-isoprene)-block-poly(ethylene oxide) as Steric Stabilizer. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 998.	2.2	17

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19	Functionalized organic nanoparticles from core-crosslinked poly(4-vinylbenzocyclobutene- <i>b</i> -butadiene) diblock copolymer micelles. <i>Polymer</i> , 2009, 50, 6202-6211.	3.8	16
20	Synthesis of amphiphilic poly(methyl methacrylate- <i>b</i> -ethylene oxide) copolymers from monohydroxy telechelic poly(methyl methacrylate) as macroinitiator. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2132-2144.	2.3	12
21	Polypeptide Grafted Hyaluronan: Synthesis and Characterization. <i>Biomacromolecules</i> , 2010, 11, 2313-2320.	5.4	12
22	The influence of temperature on the polymerization of ethyl cyanoacrylate from the vapor phase. <i>Reactive and Functional Polymers</i> , 2011, 71, 809-819.	4.1	8
23	Effect of LiClO <sub>4</sub> and LiCl Additives on the Kinetics of Anionic Polymerization of Methyl Methacrylate in Toluene-Tetrahydrofuran Mixed Solvent. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1567-1575.	2.2	7
24	A New Approach to the Living Anionic Polymerization of 4-Cyanostyrene. <i>Macromolecules</i> , 2010, 43, 6915-6918.	4.8	6
25	Copper Catalyzed ATRP of Methyl Methacrylate Using Aliphatic $\alpha$ -Bromo Ketone Initiator. <i>Macromolecular Symposia</i> , 2006, 240, 238-244.	0.7	5
26	Synthesis of hydroxy-functionalized star-branched PMMA by anionic polymerization. <i>Polymer Bulletin</i> , 2009, 63, 185-196.	3.3	4
27	Hydration Mediation in Supported Aqueous-Phase Catalysis for Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2011, 44, 8805-8818.	4.8	4
28	Polypeptide grafted hyaluronan: A self-assembling comb-branched polymer constructed from biological components. <i>European Polymer Journal</i> , 2011, 47, 2022-2027.	5.4	3
29	Effects of hydration and hydrophilicity on Na <sup>+</sup> Clay <sup>-</sup> supported aqueous <sup>-</sup> phase catalysis for atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5049-5056.	2.3	3
30	Synthesis and dilute solution properties of branched poly(benzyl methacrylate) using Na <sup>+</sup> Clay <sup>-</sup> supported aqueous <sup>-</sup> phase catalysis. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2225-2237.	2.3	0