

Christo B Tsvetanov

List of Publications by Year in descending order

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33
papers

1,607
citations

394421

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all docs

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docs citations

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times ranked

2163
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermosensitive water-soluble copolymers with doubly responsive reversibly interacting entities. <i>Progress in Polymer Science</i> , 2007, 32, 1275-1343.	24.7	692
2	Loading of polymer nanocarriers: Factors, mechanisms and applications. <i>Progress in Polymer Science</i> , 2014, 39, 43-86.	24.7	152
3	UV-assisted synthesis of super-macroporous polymer hydrogels. <i>Polymer</i> , 2009, 50, 1118-1123.	3.8	67
4	Synthesis and Associating Properties of Poly(ethoxyethyl glycidyl ether)/Poly(propylene oxide) Triblock Copolymers. <i>Macromolecules</i> , 2004, 37, 1000-1008.	4.8	64
5	Synthesis of biodegradable hydroxyethylcellulose cryogels by UV irradiation. <i>Polymer</i> , 2007, 48, 4943-4949.	3.8	52
6	Innovative approach for stabilizing poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide) micelles by forming nano-sized networks in the micelle. <i>Journal of Materials Chemistry</i> , 2005, 15, 1481.	6.7	50
7	Polymeric Nanoparticle Engineering: From Temperature-Responsive Polymer Mesoglobules to Gene Delivery Systems. <i>Biomacromolecules</i> , 2014, 15, 4377-4395.	5.4	49
8	Cryogels of cellulose derivatives prepared via UV irradiation of moderately frozen systems. <i>Polymer</i> , 2006, 47, 6481-6484.	3.8	46
9	Poly(ethoxytriethyleneglycol acrylate) cryogels as novel sustained drug release systems for oral application. <i>Polymer</i> , 2011, 52, 1217-1222.	3.8	39
10	Stabilization of polymeric micelles with a mixed poly(ethylene oxide)/poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td micelles. <i>Journal of Materials Chemistry</i> , 2006, 16, 2192-2199.	6.7	38
11	Partially Hydrolyzed Poly(<i>n</i> -propyl-2-oxazoline): Synthesis, Aqueous Solution Properties, and Preparation of Gene Delivery Systems. <i>Biomacromolecules</i> , 2016, 17, 3580-3590.	5.4	36
12	Functionalized micelles from new ABC polyglycidol-poly(ethylene oxide)-poly(D,L-lactide) terpolymers. <i>Polymer</i> , 2005, 46, 6820-6828.	3.8	29
13	Wormlike Morphology Formation and Stabilization of Pluronic P123 Micelles by Solubilization of Pentaerythritol Tetraacrylate. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8879-8883.	2.6	28
14	Mixed Block Copolymer Aggregates with Tunable Temperature Behavior. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1162-1167.	2.6	27
15	In situ entrapment of urease in cryogels of poly(<i>N</i> -isopropylacrylamide): An effective strategy for noncovalent immobilization of enzymes. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1742-1748.	2.6	26
16	Stabilized Mixed Micelles with a Temperature-Responsive Core and a Functional Shell. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7527-7533.	2.6	25
17	A mild and versatile approach for DNA encapsulation. <i>Soft Matter</i> , 2011, 7, 8002.	2.7	22
18	UV-assisted grafting of polymers: A method towards biocompatible carbon nanotubes. <i>Polymer</i> , 2010, 51, 2465-2471.	3.8	21

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19	Two-component "Onionlike" micelles with a PPO core, a PDMAEMA shell and a PEO corona: formation and crosslinking. <i>Polymer International</i> , 2008, 57, 1258-1264.	3.1	20
20	Biocompatible cryogels of thermosensitive polyglycidol derivatives with ultra-rapid swelling properties. <i>European Polymer Journal</i> , 2011, 47, 981-988.	5.4	19
21	Nano-templates from Thermoresponsive Poly(ethoxytriethyleneglycol acrylate) for Polymeric Nano-capsules. <i>Macromolecular Symposia</i> , 2009, 278, 89-95.	0.7	14
22	Formation of mesoglobules in aqueous media from thermo-sensitive poly(ethoxytriethyleneglycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.3	14
23	Biodegradable polymer network encapsulated polyplex for DNA delivery. <i>RSC Advances</i> , 2013, 3, 3508.	3.6	13
24	Controlled Anionic Block Copolymerization with N,N-Dialkylacrylamide as a Second Block. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1126-1133.	2.2	12
25	Nanosized colloidal particles from thermosensitive poly(methoxydiethyleneglycol methacrylate)s in aqueous media. <i>Polymer Bulletin</i> , 2012, 68, 2175-2185.	3.3	11
26	Cryogels via UV Irradiation. <i>Advances in Polymer Science</i> , 2014, , 199-222.	0.8	8
27	Effect of tetraalkylammonium salts on the tacticity of poly(methyl methacrylate), 1. Initiation by ethyl β -lithioisobutyrate. <i>Macromolecular Rapid Communications</i> , 1995, 16, 741-747.	3.9	7
28	Super-macroporous poly(ethoxytriethyleneglycol acrylate) hydrogels for sustained delivery of hydrophilic drugs. <i>Journal of Controlled Release</i> , 2010, 148, e81-e82.	9.9	7
29	Encapsulation of urease in double-layered hydrogels of macroporous poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Polymer International</i> , 2012, 61, 235-239.	3.1	6
30	Thermosensitive networks based on high molecular weight polyoxyethylene and N-isopropylacrylamide. <i>Polymer Bulletin</i> , 1999, 42, 709-716.	3.3	5
31	Synthesis and Aqueous Solution Properties of Block Copolyethers with Latent Chemical Functionality. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2380-2390.	2.2	5
32	Development of propolis-loaded block copolymer micelles of superior structural stability and high loading capacity. <i>Polymer</i> , 2017, 125, 102-109.	3.8	3
33	Stereoregular polymerization of methyl methacrylate initiated by dialkylmagnesium-quaternary ammonium salt adducts. <i>Macromolecular Symposia</i> , 1998, 132, 273-280.	0.7	0