Gheorghe Fundueanu

List of Publications by Year
in descending order

43	1,520	304743 22	302126 39
papers	citations	h-index	g-index

43	43	43	2138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bio-Responsive Carriers for Controlled Delivery of Doxorubicin to Cancer Cells. Pharmaceutics, 2022, 14, 865.	4.5	8
2	Smart Polymeric Materials for Drug Delivery. , 2021, , 275-294.		0
3	Intelligent micro-vehicles for drug transport and controlled release to cancer cells. Reactive and Functional Polymers, 2021, 165, 104961.	4.1	1
4	Double cross-linked pectin beads stable in physiological environment as potential support for biomedical applications. Journal of Polymer Research, 2021, 28, 1.	2.4	3
5	Simple and dual cross-linked chitosan millicapsules as a particulate support for cell culture. International Journal of Biological Macromolecules, 2020, 143, 200-212.	7.5	8
6	Thermo-Sensitivity of poly-N-isopropylacrylamide with Statistically Introduced D,L-Allylglycine Betainic Units. Journal of Macromolecular Science - Physics, 2020, 59, 100-120.	1.0	2
7	Smart drug delivery system activated by specific biomolecules. Materials Science and Engineering C, 2020, 108, 110466.	7.3	14
8	A new sponge-type hydrogel based on hyaluronic acid and poly(methylvinylether-alt-maleic acid) as a 3D platform for tumor cell growth. International Journal of Biological Macromolecules, 2020, 165, 2528-2540.	7.5	18
9	Thermo- and pH-responsive phase separation of N-isopropylacrylamide with 4-vinylpyridine random copolymer in aqueous solutions. Colloid and Polymer Science, 2018, 296, 557-565.	2.1	6
10	pH/thermo-responsive poly(N-isopropylacrylamide-co-maleic acid) hydrogel with a sensor and an actuator for biomedical applications. Polymer, 2017, 110, 177-186.	3.8	56
11	Thermoresponsive properties of N-isopropylacrylamide with methacrylic acid copolymer in media of different acidity. Macromolecular Research, 2017, 25, 680-688.	2.4	10
12	Smart nanoparticles based on pullulan-g-poly(N-isopropylacrylamide) for controlled delivery of indomethacin. International Journal of Biological Macromolecules, 2017, 94, 698-708.	7.5	41
13	Smart composite materials based on chitosan microspheres embedded in thermosensitive hydrogel for controlled delivery of drugs. Carbohydrate Polymers, 2017, 157, 493-502.	10.2	68
14	Poly(Nâ€isopropylacrylamideâ€coâ€Nâ€isopropylmethacrylamide) Thermoâ€Responsive Microgels as Selfâ€Regulated Drug Delivery System. Macromolecular Chemistry and Physics, 2016, 217, 2525-2533.	2.2	25
15	Synthesis and Investigation of Double Stimuli-Responsive Behavior ofN-Isopropylacrylamide and Maleic Acid Copolymer in Solutions. Journal of Macromolecular Science - Physics, 2015, 54, 1105-1121.	1.0	19
16	Composite materials based on poly(N-isopropylacrylamide-co-methacrylic acid) hydrogels and calcium carbonate. High Performance Polymers, 2015, 27, 516-525.	1.8	5
17	Poly(N-isopropylacrylamide-co-methacrylic acid) pH/thermo-responsive porous hydrogels as self-regulated drug delivery system. European Journal of Pharmaceutical Sciences, 2014, 62, 86-95.	4.0	57
18	Do cyclodextrins bound to dextran microspheres act as sustained delivery systems of drugs?. International Journal of Pharmaceutics, 2014, 469, 1-9.	5.2	8

#	Article	IF	Citations
19	Synthesis and characterization of thermosensitive poly(N-isopropylacrylamide-co-hydroxyethylacrylamide) microgels as potential carriers for drug delivery. Journal of Polymer Research, 2014, 21, 1.	2.4	28
20	Polymer engineering for drug/gene delivery: from simple towards complex architectures and hybrid materials. Pure and Applied Chemistry, 2014, 86, 1621-1635.	1.9	4
21	Poly(NIPAAm-co-Î²-cyclodextrin) microgels with drug hosting and temperature-dependent delivery properties. Reactive and Functional Polymers, 2014, 84, 1-9.	4.1	49
22	Poly(N-isopropylacrylamide-co-hydroxyethylacrylamide) thermosensitive microspheres: The size of microgels dictates the pulsatile release mechanism. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 614-623.	4.3	36
23	Thermo- and pH-sensitive interpenetrating poly(N-isopropylacrylamide)/carboxymethyl pullulan network for drug delivery. Journal of Polymer Research, 2013, 20, 1.	2.4	54
24	The thermosensitivity of pH/thermoresponsive microspheres activated by the electrostatic interaction of pHâ€sensitive units with a bioactive compound. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1661-1669.	4.0	14
25	Comparative vibrational study of two N-isopropylacrylamide-based co-polymers: Influence of the polymer hydrophobicity on the phase transition. Vibrational Spectroscopy, 2012, 63, 311-324.	2.2	2
26	Prediction of the appropriate size of drug molecules that could be released by a pulsatile mechanism from pH/thermoresponsive microspheres obtained from preformed polymers. Acta Biomaterialia, 2012, 8, 1281-1289.	8.3	12
27	Effect of comonomer ratio and ionic strength on the thermo-induced conformational changes in N-isopropylacrylamide based copolymers: An ATR-FTIR spectroscopic study. Vibrational Spectroscopy, 2012, 61, 133-143.	2.2	5
28	ATR-FTIR spectroscopic studies of thermally induced conformational changes of PNIPAAm copolymers in solution. , 2011, , .		0
29	Design of silica microparticles with oligopeptide brushes and their interaction with proteins. Colloid and Polymer Science, 2011, 289, 33-41.	2.1	7
30	An intelligent multicompartmental system based on thermo-sensitive starch microspheres for temperature-controlled release of drugs. Biomedical Microdevices, 2010, 12, 693-704.	2.8	19
31	Entrapment and release of drugs by a strict â€œon-offâ€•mechanism in pullulan microspheres with pendant thermosensitive groups. Biomaterials, 2010, 31, 9544-9553.	11.4	31
32	Poly(vinyl alcohol) microspheres with pH- and thermosensitive properties as temperature-controlled drug delivery. Acta Biomaterialia, 2010, 6, 3899-3907.	8.3	42
33	pH- and temperature-sensitive polymeric microspheres for drug delivery: the dissolution of copolymers modulates drug release. Journal of Materials Science: Materials in Medicine, 2009, 20, 2465-2475.	3.6	38
34	Fast-responsive porous thermoresponsive microspheres for controlled delivery of macromolecules. International Journal of Pharmaceutics, 2009, 379, 9-17.	5.2	28
35	Poly(N-isopropylacrylamide-co-acrylamide) cross-linked thermoresponsive microspheres obtained from preformed polymers: Influence of the physico-chemical characteristics of drugs on their release profiles. Acta Biomaterialia, 2009, 5, 363-373.	8.3	94
36	Preparation and characterization of pH- and temperature-sensitive pullulan microspheres for controlled release of drugs. Biomaterials, 2008, 29, 2767-2775.	11.4	147

#	Article	IF	Citations
37	Cellulose acetate butyrateâ€“pH/thermosensitive polymer microcapsules containing aminated poly(vinyl) Tj ETQq1 1 0.784314 rgBT /O Biopharmaceutics, 2007, 66, 11-20.	4.3	28
38	Cellulose acetate butyrate microcapsules containing dextran ion-exchange resins as self-propelled drug release system. Biomaterials, 2005, 26, 4337-4347.	11.4	57
39	Preparation and Characterisation of Thermoresponsive		