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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hybrid materials: Magnetiteâ€“Polyethylenimineâ€“Montmorillonite, as magnetic adsorbents for Cr(VI) water treatment. Journal of Colloid and Interface Science, 2012, 385, 24-33.	9.4	141
2	Magnetiteâ€“Polypeptide Hybrid Materials Decorated with Gold Nanoparticles: Study of Their Catalytic Activity in 4-Nitrophenol Reduction. Journal of Physical Chemistry C, 2012, 116, 24717-24725.	3.1	67
3	A V-shaped cationic dye for nonlinear optical bioimaging. Chemical Communications, 2011, 47, 7374.	4.1	64
4	Solution properties of poly(diallyldimethylammonium chloride) (PDDA). Polymer, 2005, 46, 2584-2594.	3.8	53
5	Hybrid materials achieved by polypeptide grafted magnetite nanoparticles through a dopamine biomimetic surface anchored initiator. Polymer Chemistry, 2013, 4, 558-567.	3.9	50
6	Polydopamine nanoparticles kill cancer cells. RSC Advances, 2018, 8, 36201-36208.	3.6	41
7	Analysis of the Secondary Structure of Random Copolymers by a Combination of Fluorescence and Molecular Dynamics Methods. Application to Polyphosphazenes Containing Phenoxy and Binaphthoxy Groups. Macromolecules, 2006, 39, 877-885.	4.8	29
8	Preparation of glycopolymerâ€“coated magnetite nanoparticles for hyperthermia treatment. Journal of Polymer Science Part A, 2012, 50, 5087-5096.	2.3	29
9	Thermoresponsive Micelles of Phenanthrene-1 \pm -end-labeled Poly(α -N-decylacrylamide- β -N-diethylacrylamide) in Water. Macromolecules, 2010, 43, 501-510.	4.8	26
10	Thermal Atropisomerization and Photoluminescence Spectra of Very High Glass Transition Temperature Chiral Poly(binaphthoxyphosphazenes) with a Secondary Helicoidal Structure. Macromolecules, 2004, 37, 5437-5443.	4.8	25
11	Synthesis and lectin recognition studies of glycosylated polystyrene microspheres functionalized via thiolâ€“para-fluorine â€“clickâ€“reaction. Polymer Chemistry, 2012, 3, 3282.	3.9	24
12	Experimental and Theoretical Study of the Acidic Degradation of Poly(2,2â€“dioxy-1,1â€“biphenyl)phosphazene. Macromolecules, 2008, 41, 8483-8490.	4.8	21
13	Stabilization in Water of Large Hydrophobic Uniform Magnetite Cubes by Silica Coating. Journal of Physical Chemistry C, 2011, 115, 25247-25256.	3.1	21
14	Unperturbed dimensions of Carrageenans in different salt solutions. Biophysical Chemistry, 2005, 113, 201-208.	2.8	20
15	Catecholic Chemistry To Obtain Recyclable and Reusable Hybrid Polymeric Particles as Catalytic Systems. Macromolecules, 2013, 46, 2951-2962.	4.8	18
16	Conformational properties of poly(diallyldimethyl ammonium chloride) (PDDA) determined by combination of molecular dynamics, rotational isomeric states and Monte Carlo procedures. Polymer, 2004, 45, 1321-1330.	3.8	16
17	Tuning the Topological Landscape of DNAâ€“Cyclodextrin Nanocomplexes by Molecular Design. Chemistry - A European Journal, 2020, 26, 15259-15269.	3.3	16
18	Surface modification of magnetite hybrid particles with carbohydrates and gold nanoparticles via â€“clickâ€“chemistry. Polymer Chemistry, 2013, 4, 986-995.	3.9	15

#	ARTICLE	IF	CITATIONS
19	Cytotoxicity of paramagnetic cationsâ€”Loaded polydopamine nanoparticles. Colloids and Surfaces B: Biointerfaces, 2018, 167, 284-290.	5.0	15
20	Fluorescence and molecular dynamics to study the intramolecular energy transfer in N-vinyl carbazole/styrene copolymers of different molar compositions. Polymer, 2006, 47, 7397-7405.	3.8	14
21	Color Engineering of Silicon Nitride Surfaces to Characterize the Polydopamine Refractive Index. ChemPhysChem, 2018, 19, 3418-3424.	2.1	14
22	Polymer-Coated Nanoparticles by Adsorption of Hydrophobically Modified Poly(N,N'-dimethylacrylamide). Journal of Physical Chemistry B, 2013, 117, 3416-3427.	2.6	13
23	Heteroaromatic Cationâ€”Based Chromophores: Synthesis and Nonlinear Optical Properties of Alkynylazinium Salts. European Journal of Organic Chemistry, 2010, 2010, 6323-6330.	2.4	11
24	Determination of molecular parameters of hydroxyethyl and hydroxypropyl celluloses by chromatography with dual detection. Journal of Chromatography A, 2007, 1165, 45-51.	3.7	9
25	Combination of SEC-MALS and Fluorescence with Molecular Dynamics Simulations for the Analysis of Ionomer Dimensions in Solution. Application to Poly(2-acrylamido-2-methyl-1-propanesulfonic) Tj ETQq1 1 0.7843148gBT /Overlock 10	1.0	8
26	Fluorescence properties of (R)- and (S)-[1,1'-binaphthalene]-2,2'-diols solutions and their complexes with cyclodextrins in aqueous medium. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 114-125.	3.9	7
27	Polymer Nanoparticle-Based Spherical Photonic Pigments for Dye-Free Noniridescent Bright Coloring. ACS Applied Nano Materials, 2021, 4, 13185-13195.	5.0	7
28	Contribution of Size Exclusion Chromatography, Light Scattering, Viscometry, and Conductimetry to the Study of Solution and Gel Properties of a Cationic Polyelectrolyte. Journal of Liquid Chromatography and Related Technologies, 2008, 32, 28-41.	1.0	1
29	Colored Surfaces Made of Synthetic Eumelanin. Nanomaterials, 2021, 11, 2320.	4.1	0