

# gema marcelo

## List of Publications by Year in descending order

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29  
papers

775  
citations

586496

16  
h-index

563245

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid materials: Magnetiteâ€“Polyethylenimineâ€“Montmorillonite, as magnetic adsorbents for Cr(VI) water treatment. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 24-33.	5.0	141
2	Magnetiteâ€“Polypeptide Hybrid Materials Decorated with Gold Nanoparticles: Study of Their Catalytic Activity in 4-Nitrophenol Reduction. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24717-24725.	1.5	67
3	A V-shaped cationic dye for nonlinear optical bioimaging. <i>Chemical Communications</i> , 2011, 47, 7374.	2.2	64
4	Solution properties of poly(diallyldimethylammonium chloride) (PDDA). <i>Polymer</i> , 2005, 46, 2584-2594.	1.8	53
5	Hybrid materials achieved by polypeptide grafted magnetite nanoparticles through a dopamine biomimetic surface anchored initiator. <i>Polymer Chemistry</i> , 2013, 4, 558-567.	1.9	50
6	Polydopamine nanoparticles kill cancer cells. <i>RSC Advances</i> , 2018, 8, 36201-36208.	1.7	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. <i>Macromolecules</i> , 2006, 39, 877-885.	2.2	29
8	Preparation of glycopolymerâ€“coated magnetite nanoparticles for hyperthermia treatment. <i>Journal of Polymer Science Part A</i> , 2012, 50, 5087-5096.	2.5	29
9	Thermoresponsive Micelles of Phenanthrene-1- $\alpha$ -end-labeled Poly( <i>N</i> -decylacrylamide- <i>b</i> - <i>N</i> , <i>N</i> -diethylacrylamide) in Water. <i>Macromolecules</i> , 2010, 43, 501-510.	2.2	26
10	Thermal Atropisomerization and Photoluminescence Spectra of Very High Glass Transition Temperature Chiral Poly(binaphthoxyphosphazenes) with a Secondary Helicoidal Structure. <i>Macromolecules</i> , 2004, 37, 5437-5443.	2.2	25
11	Synthesis and lectin recognition studies of glycosylated polystyrene microspheres functionalized via thiolâ€“para-fluorine â€“clickâ€“reaction. <i>Polymer Chemistry</i> , 2012, 3, 3282.	1.9	24
12	Experimental and Theoretical Study of the Acidic Degradation of Poly(2,2-dioxy-1,1-biphenyl)phosphazene. <i>Macromolecules</i> , 2008, 41, 8483-8490.	2.2	21
13	Stabilization in Water of Large Hydrophobic Uniform Magnetite Cubes by Silica Coating. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25247-25256.	1.5	21
14	Unperturbed dimensions of Carrageenans in different salt solutions. <i>Biophysical Chemistry</i> , 2005, 113, 201-208.	1.5	20
15	Catecholic Chemistry To Obtain Recyclable and Reusable Hybrid Polymeric Particles as Catalytic Systems. <i>Macromolecules</i> , 2013, 46, 2951-2962.	2.2	18
16	Conformational properties of poly(diallyldimethyl ammonium chloride) (PDDA) determined by combination of molecular dynamics, rotational isomeric states and Monte Carlo procedures. <i>Polymer</i> , 2004, 45, 1321-1330.	1.8	16
17	Tuning the Topological Landscape of DNAâ€“Cyclodextrin Nanocomplexes by Molecular Design. <i>Chemistry - A European Journal</i> , 2020, 26, 15259-15269.	1.7	16
18	Surface modification of magnetite hybrid particles with carbohydrates and gold nanoparticles via â€“clickâ€“chemistry. <i>Polymer Chemistry</i> , 2013, 4, 986-995.	1.9	15

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19	Cytotoxicity of paramagnetic cationsâ€”Loaded polydopamine nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 284-290.	2.5	15
20	Fluorescence and molecular dynamics to study the intramolecular energy transfer in N-vinyl carbazole/styrene copolymers of different molar compositions. <i>Polymer</i> , 2006, 47, 7397-7405.	1.8	14
21	Color Engineering of Silicon Nitride Surfaces to Characterize the Polydopamine Refractive Index. <i>ChemPhysChem</i> , 2018, 19, 3418-3424.	1.0	14
22	Polymer-Coated Nanoparticles by Adsorption of Hydrophobically Modified Poly( <i>N,N</i> -dimethylacrylamide). <i>Journal of Physical Chemistry B</i> , 2013, 117, 3416-3427.	1.2	13
23	Heteroaromatic Cationâ€”Based Chromophores: Synthesis and Nonlinear Optical Properties of Alkynylazinium Salts. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6323-6330.	1.2	11
24	Determination of molecular parameters of hydroxyethyl and hydroxypropyl celluloses by chromatography with dual detection. <i>Journal of Chromatography A</i> , 2007, 1165, 45-51.	1.8	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 0.7843142gBT /Overlock 10	1.2	8
26	Fluorescence properties of (R)- and (S)-[1,1â€”binaphthalene]-2,2â€”diols solutions and their complexes with cyclodextrins in aqueous medium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 114-125.	2.0	7
27	Polymer Nanoparticle-Based Spherical Photonic Pigments for Dye-Free Noniridescent Bright Coloring. <i>ACS Applied Nano Materials</i> , 2021, 4, 13185-13195.	2.4	7
28	Contribution of Size Exclusion Chromatography, Light Scattering, Viscometry, and Conductimetry to the Study of Solution and Gel Properties of a Cationic Polyelectrolyte. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 32, 28-41.	0.5	1
29	Colored Surfaces Made of Synthetic Eumelanin. <i>Nanomaterials</i> , 2021, 11, 2320.	1.9	0