

Elsa Galbis

List of Publications by Year in descending order

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32
papers

610
citations

840776

11
h-index

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22
g-index

32
all docs

32
docs citations

32
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Polymers from Sugar-Based Monomers. <i>Chemical Reviews</i> , 2016, 116, 1600-1636.	47.7	279
2	Solving the Hydration Structure of the Heaviest Actinide Aqua Ion Known: The Californium(III) Case. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3811-3815.	13.8	64
3	Nanostructured Chitosan-Based Biomaterials for Sustained and Colon-Specific Resveratrol Release. <i>International Journal of Molecular Sciences</i> , 2019, 20, 398.	4.1	46
4	Biodegradable double cross-linked chitosan hydrogels for drug delivery: Impact of chemistry on rheological and pharmacological performance. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2205-2218.	7.5	27
5	Reversible pH-Sensitive Chitosan-Based Hydrogels. Influence of Dispersion Composition on Rheological Properties and Sustained Drug Delivery. <i>Polymers</i> , 2018, 10, 392.	4.5	26
6	Identifying Coordination Geometries of Metal Aquaions in Water: Application to the Case of Lanthanoid and Actinoid Hydrates. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4275-4280.	4.6	25
7	In-Depth Study into Polymeric Materials in Low-Density Gastroretentive Formulations. <i>Pharmaceutics</i> , 2020, 12, 636.	4.5	24
8	Collecting high-order interactions in an effective pairwise intermolecular potential using the hydrated ion concept: The hydration of Cf ³⁺ . <i>Journal of Chemical Physics</i> , 2014, 140, 214104.	3.0	18
9	Tandem ATRP/Diels-Alder synthesis of polyHEMA-based hydrogels. <i>Polymer Chemistry</i> , 2014, 5, 5391-5402.	3.9	15
10	Validation of Smart Nanoparticles as Controlled Drug Delivery Systems: Loading and pH-Dependent Release of Pilocarpine. <i>ACS Omega</i> , 2018, 3, 375-382.	3.5	13
11	Potential energy curves and spin-orbit coupling of light alkali-heavy rare gas molecules. <i>Journal of Chemical Physics</i> , 2013, 138, 014314.	3.0	12
12	Core cross-linked nanoparticles from self-assembling polyfma-based micelles. Encapsulation of lipophilic molecules. <i>European Polymer Journal</i> , 2017, 89, 406-418.	5.4	12
13	Metal-free catalyzed ring-opening polymerization and block copolymerization of ̳-pentadecalactone using amino-ended initiators. <i>European Polymer Journal</i> , 2018, 108, 380-389.	5.4	9
14	Structurally simple redox polymersomes for doxorubicin delivery. <i>European Polymer Journal</i> , 2020, 137, 109952.	5.4	9
15	Loading studies of the anticancer drug camptothecin into dual stimuli-sensitive nanoparticles. Stability scrutiny. <i>International Journal of Pharmaceutics</i> , 2018, 550, 429-438.	5.2	8
16	A diabatic parameterization of the twofold ground state potential energy surface of the H ₂ O-OH molecular complex. <i>Journal of Chemical Physics</i> , 2013, 139, 164313.	3.0	5
17	Experimental model design: exploration and optimization of customized polymerization conditions for the preparation of targeted smart materials by the Diels Alder click reaction. <i>Polymer Chemistry</i> , 2019, 10, 5473-5486.	3.9	5
18	Opposite effects of successive hydration shells on the aqua ion structure of metal cations. <i>Molecular Simulation</i> , 2009, 35, 1007-1014.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Preparation of water-soluble glycopolymers derived from five-membered iminosugars. European Polymer Journal, 2019, 119, 213-221.	5.4	3
20	Molecular solids of actinide hexacyanoferrate: Structure and bonding. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012026.	0.6	2
21	Glucose-nucleobase pairs within DNA: impact of hydrophobicity, alternative linking unit and DNA polymerase nucleotide insertion studies. Chemical Science, 2018, 9, 3544-3554.	7.4	2
22	Bio-Based Polyurethanes from Carbohydrate Monomers. , 0, , .		1
23	Nanocomposites of Microbial Polyglutamic Acid and Nanoclays Compatibilized by Organophosphonium Surfactants. Macromolecular Chemistry and Physics, 2018, 219, 1800083.	2.2	1
24	Cyclodextrins effects in the substitution reaction of 4,4'-bpy for the aquo ligand in aquopentacyanoferrate (II): An estimation of the binding constants of the reactant and the transition state to cyclodextrins. Chemical Physics, 2006, 320, 181-187.	1.9	0
25	INNOVATIVE APPROACH TO ACID-BASE EQUILIBRIUMS. INTED Proceedings, 2016, , .	0.0	0
26	EXPERIENCES IN COOPERATIVE GROUPS FOCUSED ON FINAL DEGREE PROJECTS IN SCIENCES. , 2016, , .		0
27	SCIENCE AS A TOOL TO PROMOTE CRITICAL THINKING SKILLS (PEACE AND DEMOCRACY). , 2017, , .		0
28	NUTRITION & LABELING. A CRITICAL ISSUE TO BE FACED BY FUTURE HEALTH GRADUATES. EDULEARN Proceedings, 2017, , .	0.0	0
29	SCIENCE SPREADING ACROSS SOCIETY. RESEARCH DISCLOSURE DAYS FOR STUDENTS OF EXPERIMENTAL SCIENCES. INTED Proceedings, 2017, , .	0.0	0
30	THE EPIDEMIC OF THE TWENTY-FIRST CENTURY: OBESITY. KEYS TO FACE IT. EDULEARN Proceedings, 2017, , .	0.0	0
31	THE MYSTERY OF LABELS: FAKE NUTRITIONAL INFORMATION?. EDULEARN Proceedings, 2018, , .	0.0	0
32	BILINGUALISM: THE IMPORTANCE OF SPEAKING LANGUAGES. , 2018, , .		0