

Javier Revilla

List of Publications by Year in descending order

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22
papers

856
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

903
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanadium recovery from oil fly ash by leaching, precipitation and solvent extraction processes. Waste Management, 2007, 27, 425-438.	7.4	197
2	Vanadium Interactions with Chitosan: Influence of Polymer Protonation and Metal Speciation. Langmuir, 2002, 18, 1567-1573.	3.5	127
3	Copper sorption by chitosan in the presence of citrate ions: influence of metal speciation on sorption mechanism and uptake capacities. International Journal of Biological Macromolecules, 2003, 33, 57-65.	7.5	96
4	Purification of phosphoric acid solutions by reverse osmosis and nanofiltration. Desalination, 2002, 147, 315-320.	8.2	88
5	Recovery of Metal Ions by Chitosan: Sorption Mechanisms and Influence of Metal Speciation. Macromolecular Bioscience, 2003, 3, 552-561.	4.1	73
6	Extraction of Cadmium from Phosphoric Acid Using Resins Impregnated with Organophosphorus Extractants. Industrial & Engineering Chemistry Research, 2001, 40, 1422-1433.	3.7	67
7	Adsorption of Bovine Serum Albumin onto Polystyrene Latex Particles Bearing Saccharidic Moieties. Journal of Colloid and Interface Science, 1996, 180, 405-412.	9.4	54
8	Vanadium Extraction from Fly Ash Preliminary Study of Leaching, Solvent Extraction, and Sorption on Chitosan. Separation Science and Technology, 2003, 38, 2881-2899.	2.5	20
9	Introducing random bio-terpene segments to high <i>cis</i> -polybutadiene: making elastomeric materials more sustainable. RSC Advances, 2020, 10, 44096-44102.	3.6	19
10	Recent developments in the design of functionalised polymeric microspheres. Macromolecular Symposia, 1994, 88, 71-87.	0.7	17
11	Rheology and microstructure of functionalized polymer-modified asphalt. Journal of Applied Polymer Science, 2010, 115, 15-25.	2.6	17
12	Intercalation of poly(3,4-ethylenedioxythiophene) within halloysite nanotubes: Synthesis of composites with improved thermal and electrical properties. Microporous and Mesoporous Materials, 2015, 218, 118-129.	4.4	17
13	Surface functionalization of polystyrene latex particles with a liposaccharide monomer. Polymers for Advanced Technologies, 1995, 6, 455-464.	3.2	16
14	Novel supported catalysts for ethylene polymerization based on aluminohydride-zirconocene complexes. Journal of Molecular Catalysis A, 2009, 307, 98-104.	4.8	10
15	Preparation and properties of comb-like polymers obtained by radical homo- and copolymerization of a liposaccharidic monomer with styrene. Polymer, 1996, 37, 687-698.	3.8	8
16	Surface Functionalization of Polystyrene Nanoparticles with Liposaccharide Monomers: Preparation, Characterization and Applications. Journal of Bioactive and Compatible Polymers, 1999, 14, 64-90.	2.1	8
17	Heterogeneous Copolymerization of Ethylene and α -olefins Using Aluminohydride-Zirconocene/SiO ₂ /MAO by High-Throughput Screening. Macromolecular Symposia, 2009, 285, 90-100.	0.7	7
18	Tuning H ₂ AuCl ₄ /Sodium Citrate Stoichiometry to Fabricate Chitosan-Au Nanocomposites. Polymers, 2022, 14, 788.	4.5	7

#	ARTICLE	IF	CITATIONS
19	Self-Assembly Investigations of Sulfonated Poly(methyl methacrylate- <i>block</i> -styrene) Diblock Copolymer Thin Films. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-11.	1.7	4
20	Heterogeneous Polymerization of Ethylene and 1-Hexene with $\text{Me}_3\text{SiCp}_2\text{ZrH}_3\text{AlH}_2\text{SiO}_2$ Activated with MAO. <i>Macromolecular Symposia</i> , 2009, 283-284, 96-102.	0.7	3
21	Conductive Elastomer Composites Based on Inherent and Extrinsic Conductive Polymers. <i>Macromolecular Symposia</i> , 2016, 360, 49-60.	0.7	1
22	Syndiospecific Styrene Polymerization in Aliphatic Solvents Catalyzed by $\text{FluTi}(\text{O}^i\text{Pr})_3/\text{MAO}$: Study of Polymerization Conditions. <i>Macromolecular Symposia</i> , 2009, 283-284, 67-77.	0.7	0