

Rafael LÃ³pez-GarzÃ³n

List of Publications by Year in descending order

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12
papers

290
citations

933447

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1199594

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g-index

12
all docs

12
docs citations

12
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamics of Anion-π Interactions in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2013, 135, 102-105.	13.7	71
2	Adsorption of Designed Pyrimidine Derivative Ligands on an Activated Carbon for the Removal of Cu(II) Ions from Aqueous Solution. <i>Langmuir</i> , 2007, 23, 5995-6003.	3.5	33
3	Adsorption of Zn ²⁺ and Cd ²⁺ from Aqueous Solution onto a Carbon Sorbent Containing a Pyrimidine-Polyamine Conjugate as Ion Receptor. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3093-3103.	2.0	29
4	Construction of green nanostructured heterogeneous catalysts via non-covalent surface decoration of multi-walled carbon nanotubes with Pd(II) complexes of azamacrocycles. <i>Journal of Catalysis</i> , 2017, 353, 239-249.	6.2	27
5	Binding and removal of octahedral, tetrahedral, square planar and linear anions in water by means of activated carbon functionalized with a pyrimidine-based anion receptor. <i>RSC Advances</i> , 2014, 4, 58505-58513.	3.6	26
6	Binding and recognition of AMP, ADP, ATP and related inorganic phosphate anions by a tren-based ligand containing a pyrimidine functionality. <i>New Journal of Chemistry</i> , 2011, 35, 1883.	2.8	21
7	Polyfunctional Tetraaza-Macrocyclic Ligands: Zn(II), Cu(II) Binding and Formation of Hybrid Materials with Multiwalled Carbon Nanotubes. <i>ACS Omega</i> , 2017, 2, 3868-3877.	3.5	20
8	A New Heterogeneous Catalyst Obtained via Supramolecular Decoration of Graphene with a Pd ²⁺ -Azamacrocyclic Complex. <i>Molecules</i> , 2019, 24, 2714.	3.8	19
9	Non-covalent Functionalization of Graphene to Tune Its Band Gap and Stabilize Metal Nanoparticles on Its Surface. <i>ACS Omega</i> , 2020, 5, 18849-18861.	3.5	17
10	Supramolecular assembling of molecular ion-ligands on graphite-based solid materials directed to specific binding of metal ions. <i>Inorganica Chimica Acta</i> , 2014, 417, 208-221.	2.4	13
11	Adsorption of a designed L-glutamic acid-pyrimidine derivative ligand on an activated carbon for the removal of Cu(II) from aqueous solution. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 445-451.	4.4	9
12	Synergy of semiconductor components of non-covalent functionalized (PdS doped)-G CdS NPs composite provide efficient photocatalytic water reduction under visible light. <i>Applied Surface Science</i> , 2021, 554, 149646.	6.1	5