Rafael LÃ³pez-GarzÃ³n

List of Publications by Year
in descending order

12	290	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synergy of semiconductor components of non-covalent functionalized (PdS doped)-G CdS NPs composite provide efficient photocatalytic water reduction under visible light. Applied Surface Science, 2021, 554, 149646.	6.1	5
2	Non-covalent Functionalization of Graphene to Tune Its Band Gap and Stabilize Metal Nanoparticles on Its Surface. ACS Omega, 2020, 5, 18849-18861.	3.5	17
3	A New Heterogeneous Catalyst Obtained via Supramolecular Decoration of Graphene with a Pd2+ Azamacrocyclic Complex. Molecules, 2019, 24, 2714.	3.8	19
4	Polyfunctional Tetraaza-Macrocyclic Ligands: Zn(II), Cu(II) Binding and Formation of Hybrid Materials with Multiwalled Carbon Nanotubes. ACS Omega, 2017, 2, 3868-3877.	3.5	20
5	Construction of green nanostructured heterogeneous catalysts via non-covalent surface decoration of multi-walled carbon nanotubes with Pd(II) complexes of azamacrocycles. Journal of Catalysis, 2017, 353, 239-249.	6.2	27
6	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. RSC Advances, 2014, 4, 58505-58513.	3.6	26
7	Supramolecular assembling of molecular ion-ligands on graphite-based solid materials directed to specific binding of metal ions. Inorganica Chimica Acta, 2014, 417, 208-221.	2.4	13
8	Thermodynamics of Anionâˆ’Ï€ Interactions in Aqueous Solution. Journal of the American Chemical Society, 2013, 135, 102-105.	13.7	71
9	Binding and recognition of AMP, ADP, ATP and related inorganic phosphate anions by a tren-based ligand containing a pyrimidine functionality. New Journal of Chemistry, 2011, 35, 1883.	2.8	21
10	Adsorption of a designed l-glutamic acid-pyrimidine derivative ligand on an activated carbon for the removal of Cu(II) from aqueous solution. Microporous and Mesoporous Materials, 2008, 116, 445-451.	4.4	9
11	Adsorption of Designed Pyrimidine Derivative Ligands on an Activated Carbon for the Removal of Cu(II) Ions from Aqueous Solution. Langmuir, 2007, 23, 5995-6003.	3.5	33
12	Adsorption of Zn2+ and Cd2+ from Aqueous Solution onto a Carbon Sorbent Containing a Pyrimidine-Polyamine Conjugate as Ion Receptor. European Journal of Inorganic Chemistry, 2005, 2005, 3093-3103.	2.0	29