Nieves Lpez-Salas

List of Publications by Citations

27 papers	542 citations	12 h-index	23 g-index
32 ext. papers	698 ext. citations	9.8 avg, IF	4.05 L-index

#	Paper	IF	Citations
27	Phosphorus-doped carbon–carbon nanotube hierarchical monoliths as true three-dimensional electrodes in supercapacitor cells. *Journal of Materials Chemistry A*, **2016**, 4, 1251-1263	13	119
26	Looking at the "Water-in-Deep-Eutectic-Solvent" System: A Dilution Range for High Performance Eutectics. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17565-17573	8.3	49
25	Reline aqueous solutions behaving as liquid mixtures of H-bonded co-solvents: microphase segregation and formation of co-continuous structures as indicated by Brillouin and H NMR spectroscopies. *Physical Chemistry Chemical Physics*, **2017**, 19, 17103-17110	3.6	43
24	Adjusting the Structure and Electronic Properties of Carbons for Metal-Free Carbocatalysis of Organic Transformations. *Advanced Materials*, **2019**, 31, e1805719	24	40
23	Efficient nitrogen-doping and structural control of hierarchical carbons using unconventional precursors in the form of deep eutectic solvents. *Journal of Materials Chemistry A*, **2014**, 2, 17387-17399	13	35
22	Nitrogen-doped carbons prepared from eutectic mixtures as metal-free oxygen reduction catalysts. *Journal of Materials Chemistry A*, **2016**, 4, 478-488	13	32
21	Tailoring the textural properties of hierarchical porous carbons using deep eutectic solvents. *Journal of Materials Chemistry A*, **2016**, 4, 9146-9159	13	32
20	Predicting the suitability of aqueous solutions of deep eutectic solvents for preparation of co-continuous porous carbons via spinodal decomposition processes. *Carbon*, **2017**, 123, 536-547	10.4	27
19	Encoding Metal-Cation Arrangements in Metal-Organic Frameworks for Programming the Composition of Electrocatalytically Active Multimetal Oxides. *Journal of the American Chemical Society*, **2019**, 141, 1766-1774	16.4	22
18	Use of eutectic mixtures for preparation of monolithic carbons with CO_2 adsorption and gas-separation capabilities. *Langmuir*, **2014**, 30, 12220-8	4	19
17	CN: A Class of Covalent Frameworks with Unique Properties. *Advanced Science*, **2020**, 7, 2001767	13.6	18
16	Sulfur-doped carbons prepared from eutectic mixtures containing hydroxymethylthiophene as metal-free oxygen reduction catalysts. *ChemSusChem*, **2014**, 7, 3347-55	8.3	15
15	Hydrogen-bond supramolecular hydrogels as efficient precursors in the preparation of freestanding 3D carbonaceous architectures containing BCNO nanocrystals and exhibiting a high CO2/CH4 adsorption ratio. *Carbon*, **2018**, 134, 470-479	10.4	12
14	Thin films of poly(vinylidene fluoride-co-hexafluoropropylene)-ionic liquid mixtures as amperometric gas sensing materials for oxygen and ammonia. *Analyst, The*, **2020**, 145, 1915-1924	5	9
13	Guanine-Derived Porous Carbonaceous Materials: Towards C N. *ChemSusChem*, **2020**, 13, 6643-6650	8.3	9
12	Deep eutectic solvents as active media for the preparation of highly conducting 3D free-standing PANI xerogels and their derived N-doped and N-, P-codoped porous carbons. *Carbon*, **2019**, 146, 813-826	10.4	8
11	Guanine condensates as covalent materials and the concept of cryptopores. *Carbon*, **2021**, 172, 497-505	10.4	8

List of Publications

10	Rediscovering Forgotten Members of the Graphene Family. *Accounts of Materials Research*, **2020**, 1, 117-132	7.5	7
9	Laser-carbonization: Peering into the formation of micro-thermally produced (N-doped)carbons. *Carbon*, **2021**, 176, 500-510	10.4	7
8	Overcoming Electron Transfer Efficiency Bottlenecks for Hydrogen Production in Highly Crystalline Carbon Nitride-Based Materials. *Advanced Sustainable Systems*,2100429	5.9	5
7	PtRu nanoparticles supported on noble carbons for ethanol electrooxidation. *Journal of Energy Chemistry*, **2022**, 66, 168-180	12	5
6	"We Are Here!" Oxygen Functional Groups in Carbons for Electrochemical Applications.. *ACS Omega* , **2022**, 7, 11544-11554	3.9	5
5	Ni-based electrocatalysts for unconventional CO2 reduction reaction to formic acid. *Nano Energy*, **2022**, 97, 107191	17.1	5
4	Carbonaceous Materials: The beauty of simplicity. *Bulletin of the Chemical Society of Japan*,	5.1	3
3	CuII/CuI decorated N-doped carbonaceous electrocatalysts for the oxygen reduction reaction. *Journal of Materials Chemistry A*,	13	2
2	Ultrahigh water sorption on highly nitrogen doped carbonaceous materials derived from uric acid. *Journal of Colloid and Interface Science*, **2021**, 602, 880-888	9.3	2
1	Caffeine-Derived Noble Carbons as Ball Milling-Resistant Cathode Materials for Lithium-Ion Capacitors. *ACS Applied Materials & Interfaces*, **2021**, 13, 29612-29618	9.5	1