

# Nieves Lopez-Salas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	PtRu nanoparticles supported on noble carbons for ethanol electrooxidation. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 66, 168-180	12	5
26	"We Are Here!" Oxygen Functional Groups in Carbons for Electrochemical Applications.. <i>ACS Omega</i> , <b>2022</b> , 7, 11544-11554	3.9	5
25	Ni-based electrocatalysts for unconventional CO2 reduction reaction to formic acid. <i>Nano Energy</i> , <b>2022</b> , 97, 107191	17.1	5
24	Laser-carbonization: Peering into the formation of micro-thermally produced (N-doped)carbons. <i>Carbon</i> , <b>2021</b> , 176, 500-510	10.4	7
23	Caffeine-Derived Noble Carbons as Ball Milling-Resistant Cathode Materials for Lithium-Ion Capacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 29612-29618	9.5	1
22	Guanine condensates as covalent materials and the concept of cryptopores. <i>Carbon</i> , <b>2021</b> , 172, 497-505	10.4	8
21	Ultrahigh water sorption on highly nitrogen doped carbonaceous materials derived from uric acid. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 602, 880-888	9.3	2
20	Rediscovering Forgotten Members of the Graphene Family. <i>Accounts of Materials Research</i> , <b>2020</b> , 1, 117-132	13.2	7
19	Thin films of poly(vinylidene fluoride-co-hexafluoropropylene)-ionic liquid mixtures as amperometric gas sensing materials for oxygen and ammonia. <i>Analyst</i> , <b>2020</b> , 145, 1915-1924	5	9
18	Guanine-Derived Porous Carbonaceous Materials: Towards C N. <i>ChemSusChem</i> , <b>2020</b> , 13, 6643-6650	8.3	9
17	CN: A Class of Covalent Frameworks with Unique Properties. <i>Advanced Science</i> , <b>2020</b> , 7, 2001767	13.6	18
16	Looking at the Water-in-Deep-Eutectic-Solvent System: A Dilution Range for High Performance Eutectics. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 17565-17573	8.3	49
15	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. <i>Carbon</i> , <b>2019</b> , 146, 813-826	10.4	8
14	Adjusting the Structure and Electronic Properties of Carbons for Metal-Free Carbocatalysis of Organic Transformations. <i>Advanced Materials</i> , <b>2019</b> , 31, e1805719	24	40
13	Encoding Metal-Cation Arrangements in Metal-Organic Frameworks for Programming the Composition of Electrocatalytically Active Multimetal Oxides. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 1766-1774	16.4	22
12	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. <i>Carbon</i> , <b>2018</b> , 134, 470-479	10.4	12
11	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. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 17103-17110	3.6	43

10	Predicting the suitability of aqueous solutions of deep eutectic solvents for preparation of co-continuous porous carbons via spinodal decomposition processes. <i>Carbon</i> , <b>2017</b> , 123, 536-547	10.4	27
9	Phosphorus-doped carbon-carbon nanotube hierarchical monoliths as true three-dimensional electrodes in supercapacitor cells. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 1251-1263	13	119
8	Nitrogen-doped carbons prepared from eutectic mixtures as metal-free oxygen reduction catalysts. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 478-488	13	32
7	Tailoring the textural properties of hierarchical porous carbons using deep eutectic solvents. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9146-9159	13	32
6	Efficient nitrogen-doping and structural control of hierarchical carbons using unconventional precursors in the form of deep eutectic solvents. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 17387-17399 <sup>13</sup>		35
5	Use of eutectic mixtures for preparation of monolithic carbons with CO <sub>2</sub> adsorption and gas-separation capabilities. <i>Langmuir</i> , <b>2014</b> , 30, 12220-8	4	19
4	Sulfur-doped carbons prepared from eutectic mixtures containing hydroxymethylthiophene as metal-free oxygen reduction catalysts. <i>ChemSusChem</i> , <b>2014</b> , 7, 3347-55	8.3	15
3	CuI/CuI decorated N-doped carbonaceous electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> ,	13	2
2	Overcoming Electron Transfer Efficiency Bottlenecks for Hydrogen Production in Highly Crystalline Carbon Nitride-Based Materials. <i>Advanced Sustainable Systems</i> , 2100429	5.9	5
1	Carbonaceous Materials: The beauty of simplicity. <i>Bulletin of the Chemical Society of Japan</i> ,	5.1	3