

Ghulam Hussain

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.

13
papers

171
citations

9
h-index

13
g-index

13
ext. papers

220
ext. citations

5.3
avg. IF

3.51
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 13 | Effect of microelectrode array spacing on the growth of platinum electrodeposits and its implications for oxygen sensing in ionic liquids. <i>Electrochimica Acta</i> , 2021 , 384, 138412 | 6.7 | 1 |
| 12 | Thin films of poly(vinylidene fluoride-co-hexafluoropropylene)-ionic liquid mixtures as amperometric gas sensing materials for oxygen and ammonia. <i>Analyst, The</i> , 2020 , 145, 1915-1924 | 5 | 9 |
| 11 | Electrodeposited Metal Organic Framework toward Excellent Hydrogen Sensing in an Ionic Liquid. <i>ACS Applied Nano Materials</i> , 2020 , 3, 4376-4385 | 5.6 | 11 |
| 10 | Fast responding hydrogen gas sensors using platinum nanoparticle modified microchannels and ionic liquids. <i>Analytica Chimica Acta</i> , 2019 , 1072, 35-45 | 6.6 | 23 |
| 9 | How cations determine the interfacial potential profile: Relevance for the CO ₂ reduction reaction. <i>Electrochimica Acta</i> , 2019 , 327, 135055 | 6.7 | 17 |
| 8 | Ionic Liquid-based Microchannels for Highly Sensitive and Fast Amperometric Detection of Toxic Gases. <i>Electroanalysis</i> , 2019 , 31, 66-74 | 3 | 7 |
| 7 | Preparation of platinum-based cauliflower microarrays for enhanced ammonia gas sensing. <i>Analytica Chimica Acta</i> , 2019 , 1048, 12-21 | 6.6 | 11 |
| 6 | Macroporous platinum electrodes for hydrogen oxidation in ionic liquids. <i>Electrochemistry Communications</i> , 2018 , 86, 43-47 | 5.1 | 9 |
| 5 | Comparison of Voltammetric Techniques for Ammonia Sensing in Ionic Liquids. <i>Electroanalysis</i> , 2018 , 30, 75-83 | 3 | 19 |
| 4 | Modification of Microelectrode Arrays with High Surface Area Dendritic Platinum 3D Structures: Enhanced Sensitivity for Oxygen Detection in Ionic Liquids. <i>Nanomaterials</i> , 2018 , 8, | 5.4 | 8 |
| 3 | Screen-Printed Graphite Electrodes as Low-Cost Devices for Oxygen Gas Detection in Room-Temperature Ionic Liquids. <i>Sensors</i> , 2017 , 17, | 3.8 | 12 |
| 2 | Detection of sub-ppm Concentrations of Ammonia in an Ionic Liquid: Enhanced Current Density Using "Filled" Recessed Microarrays. <i>Analytical Chemistry</i> , 2016 , 88, 12453-12460 | 7.8 | 21 |
| 1 | Charge generation in low-polarity solvents: poly(ionic liquid)-functionalized particles. <i>Langmuir</i> , 2013 , 29, 4204-13 | 4 | 23 |