

# Shaikh Nayeem Faisal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8768626/publications.pdf>

Version: 2024-02-01

18  
papers

1,164  
citations

623734

14  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical assembly of graphene/polyaniline nanostructures to synthesize free-standing supercapacitor electrode. <i>Composites Science and Technology</i> , 2014, 98, 1-8.	7.8	346
2	Pyridinic and graphitic nitrogen-rich graphene for high-performance supercapacitors and metal-free bifunctional electrocatalysts for ORR and OER. <i>RSC Advances</i> , 2017, 7, 17950-17958.	3.6	123
3	Three dimensional cellular architecture of sulfur doped graphene: self-standing electrode for flexible supercapacitors, lithium ion and sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5290-5302.	10.3	118
4	Self-Assembled N/S Codoped Flexible Graphene Paper for High Performance Energy Storage and Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2078-2087.	8.0	113
5	Doped graphene/Cu nanocomposite: A high sensitivity non-enzymatic glucose sensor for food. <i>Food Chemistry</i> , 2017, 221, 751-759.	8.2	112
6	Nitrogen doped graphene via thermal treatment of composite solid precursors as a high performance supercapacitor. <i>RSC Advances</i> , 2015, 5, 30679-30686.	3.6	64
7	Aerogel from fruit biowaste produces ultracapacitors with high energy density and stability. <i>Journal of Energy Storage</i> , 2020, 27, 101152.	8.1	45
8	Amperometric proton selective strip-sensors with a microelliptic liquid/gel interface for organophosphate neurotoxins. <i>Electrochemistry Communications</i> , 2011, 13, 611-614.	4.7	34
9	Nonenzymatic multispecies sensor based on Cu-Ni nanoparticle dispersion on doped graphene. <i>Electrochimica Acta</i> , 2017, 224, 295-305.	5.2	34
10	A quadrafunctional electrocatalyst of nickel/nickel oxide embedded N-graphene for oxygen reduction, oxygen evolution, hydrogen evolution and hydrogen peroxide oxidation reactions. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2081-2089.	4.9	34
11	Amperometric proton selective sensors utilizing ion transfer reactions across a microhole liquid/gel interface. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15184.	2.8	32
12	Bioaffinity detection of pathogens on surfaces. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 169-177.	5.8	25
13	Doping reduced graphene oxide and graphitic carbon nitride hybrid for dual functionality: High performance supercapacitance and hydrogen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113503.	3.8	21
14	3D copper-confined N-Doped graphene/carbon nanotubes network as high-performing lithium-ion battery anode. <i>Journal of Alloys and Compounds</i> , 2021, 850, 156701.	5.5	19
15	Liquid-Crystal-Mediated 3D Macrostructured Composite of Co <sub>3</sub> O <sub>4</sub> Embedded in Graphene: Free-Standing Electrode for Efficient Water Splitting. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600386.	2.3	14
16	Non-invasive on-skin sensors for brain machine interfaces with epitaxial graphene. <i>Journal of Neural Engineering</i> , 2021, 18, 066035.	3.5	12
17	Identification of electrocatalytic oxygen reduction (ORR) activity of Boron in graphene oxide; incorporated as a charge-adsorbate and/or substitutional p-type dopant. <i>Materials Chemistry and Physics</i> , 2018, 207, 380-388.	4.0	9
18	Nanoarchitected Nitrogen-Doped Graphene/Carbon Nanotube as High Performance Electrodes for Solid State Supercapacitors, Capacitive Deionization, Li-Ion Battery, and Metal-Free Bifunctional Electrocatalysis. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	9