

# Khaled Tawfik Alali

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

459  
citations

623734

14  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

480  
citing authors

#	ARTICLE	IF	CITATIONS
1	p-n heterojunction CuO/CuCo <sub>2</sub> O <sub>4</sub> nanotubes synthesized via electrospinning technology for detecting n-propanol gas at room temperature. Inorganic Chemistry Frontiers, 2017, 4, 1219-1230.	6.0	63
2	Catalytic effect of CuO nanoplates, a graphene (G)/CuO nanocomposite and an Al/G/CuO composite on the thermal decomposition of ammonium perchlorate. RSC Advances, 2016, 6, 74155-74161.	3.6	49
3	Enhanced acetone gas sensing response of ZnO/ZnCo <sub>2</sub> O <sub>4</sub> nanotubes synthesized by single capillary electrospinning technology. Sensors and Actuators B: Chemical, 2017, 252, 511-522.	7.8	47
4	Preparation and characterization of ZnO/CoNiO <sub>2</sub> hollow nanofibers by electrospinning method with enhanced gas sensing properties. Journal of Alloys and Compounds, 2017, 702, 20-30.	5.5	35
5	Tube in tube ZnO/ZnCo <sub>2</sub> O <sub>4</sub> nanostructure synthesized by facile single capillary electrospinning with enhanced ethanol gas-sensing properties. RSC Advances, 2017, 7, 11428-11438.	3.6	35
6	Fabrication of electrospun Co <sub>3</sub> O <sub>4</sub> /CuO p-p heterojunctions nanotubes functionalized with HFIP for detecting chemical nerve agent under visible light irradiation. Sensors and Actuators B: Chemical, 2020, 314, 128076.	7.8	34
7	3D hybrid Ni-Multiwall carbon nanotubes/carbon nanofibers for detecting sarin nerve agent at room temperature. Journal of Alloys and Compounds, 2019, 780, 680-689.	5.5	33
8	Electrospun n-p WO <sub>3</sub> /CuO heterostructure nanofibers as an efficient sarin nerve agent sensing material at room temperature. Journal of Alloys and Compounds, 2019, 793, 31-41.	5.5	27
9	Fabrication of CeO <sub>2</sub> /ZnCo <sub>2</sub> O <sub>4</sub> n-p heterostructured porous nanotubes via electrospinning technology for enhanced ethanol gas sensing performance. RSC Advances, 2016, 6, 101626-101637.	3.6	24
10	Swollen-layer constructed with polyamine on the surface of nano-polyacrylonitrile cloth used for extract uranium from seawater. Chemosphere, 2021, 271, 129548.	8.2	24
11	HFIP-functionalized electrospun WO <sub>3</sub> hollow nanofibers/rGO as an efficient double layer sensing material for dimethyl methylphosphonate gas under UV-Light irradiation. Journal of Alloys and Compounds, 2020, 832, 154999.	5.5	23
12	HFIP-functionalized Co <sub>3</sub> O <sub>4</sub> Micro-Nano-Octahedra/rGO as a Double-Layer Sensing Material for Chemical Warfare Agents. Chemistry - A European Journal, 2019, 25, 11892-11902.	3.3	21
13	Grown Carbon Nanotubes on Electrospun Carbon Nanofibers as a 3D Carbon Nanomaterial for High Energy Storage Performance. ChemistrySelect, 2019, 4, 5437-5458.	1.5	15
14	In situ construction of 3-dimensional hierarchical carbon nanostructure; investigation of the synthesis parameters and hydrogen evolution reaction performance. Carbon, 2021, 178, 48-57.	10.3	14
15	MOF-derived electrochemical catalyst Cu <sup>*</sup> N/C for the enhancement of amperometric oxygen detection. Nanoscale, 2022, 14, 1796-1806.	5.6	8
16	HFIP-functionalized 3D carbon nanostructure as chemiresistive nerve agents sensors under visible light. Sensors and Actuators B: Chemical, 2022, 358, 131475.	7.8	7