

Theeazen AL-Gahouari

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

310
citations

840776

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1058476

14
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all docs

14
docs citations

14
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Hazardous gases sensors based on conducting polymer composites: Review. Chemical Physics Letters, 2021, 776, 138703.	2.6	53
2	ChemFET Sensor: nanorods of nickel-substituted Metal-Organic framework for detection of SO ₂ . Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	34
3	Electrochemical Sensor: L-Cysteine Induced Selectivity Enhancement of Electrochemically Reduced Graphene Oxide-Multiwalled Carbon Nanotubes Hybrid for Detection of Lead (Pb ²⁺) Ions. Frontiers in Materials, 2020, 7, .	2.4	31
4	Chemiresistive SO ₂ sensor: graphene oxide (GO) anchored poly(3,4-ethylenedioxythiophene):poly(4styrenesulfonate) (PEDOT:PSS). Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	28
5	Sulfur Dioxide (SO ₂) Detection Using Composite of Nickel Benzene Carboxylic (Ni ₃ BTC ₂) and OH-Functionalized Single Walled Carbon Nanotubes (OH-SWNTs). Frontiers in Materials, 2020, 7, .	2.4	27
6	A chemiresistive gas sensor for sensitive detection of SO ₂ employing Ni-MOF modified -OH-SWNTs and -OH-MWNTs. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	27
7	Sensitive and selective detection of Cu ²⁺ and Pb ²⁺ ions using Field Effect Transistor (FET) based on L-Cysteine anchored PEDOT:PSS/rGO composite. Chemical Physics Letters, 2020, 761, 138056.	2.6	26
8	Selective Hg ²⁺ sensor: rGO-blended PEDOT:PSS-conducting polymer OFET. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	22
9	Controlling reduction degree of graphene oxide-based electrode for improving the sensing performance toward heavy metal ions. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	17
10	L-Cysteine peptide-functionalized PEDOT-PSS/rGO nanocomposite for selective electrochemical detection of lead Pb(II) ions. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	16
11	High carrier mobility and environmentally stable microporous zeolite imidazolate framework (ZIF-67): A field-effect transistor (FET) approach. Chemical Physics Letters, 2021, 776, 138690.	2.6	13
12	Ethylenediaminetetra Acetic Acid Functionalized Polyaniline Nanowires: Organic Field Effect Transistor for the Detection of Hg ²⁺ . Journal of Electronic Materials, 2021, 50, 2339-2347.	2.2	6
13	Resolution improvement for anodic stripping signals of lead and detached indium from reduced graphene oxide/indium tin oxide (rGO/ITO) electrode using bromide ion. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	6
14	Simultaneous reduction of graphene oxide (GO) and formation of rGO/Gly-Gly composite for sensitive detection of Cu ²⁺ ions. Journal of Physics: Conference Series, 2020, 1644, 012001.	0.4	4