Huaiyin Chen

List of Publications by Year
in descending order

19 papers	765 citations	687363 13 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	1026 citing authors

#	Article	IF	Citations
1	Electrodeposition of gold nanoparticles on Cu-based metal-organic framework for the electrochemical detection of nitrite. Sensors and Actuators B: Chemical, 2019, 286, 401-407.	7.8	162
2	Construction of MOF-based superhydrophobic composite coating with excellent abrasion resistance and durability for self-cleaning, corrosion resistance, anti-icing, and loading-increasing research. Chemical Engineering Journal, 2021, 408, 127343.	12.7	159
3	Polydopamine modified polyaniline-graphene oxide composite for enhancement of corrosion resistance. Journal of Hazardous Materials, 2019, 377, 142-151.	12.4	93
4	Highly sensitive determination of chloramphenicol based on thin-layered MoS2/polyaniline nanocomposite. Talanta, 2015, 144, 1324-1328.	5.5	50
5	Electrocatalytic Activity of Molybdenum Disulfide Nanosheets Enhanced by Self-Doped Polyaniline for Highly Sensitive and Synergistic Determination of Adenine and Guanine. ACS Applied Materials & Interfaces, 2015, 7, 2867-2872.	8.0	49
6	Using poly(m-aminobenzenesulfonic acid)-reduced MoS2 nanocomposite synergistic electrocatalysis for determination of dopamine. Sensors and Actuators B: Chemical, 2017, 249, 451-457.	7.8	45
7	Synthesis of Thinâ€Layered Molybdenum Disulfideâ€Based Polyaniline Nanointerfaces for Enhanced Direct Electrochemical DNA Detection. Advanced Materials Interfaces, 2016, 3, 1500700.	3.7	30
8	Green Synthesis of ZnO-GO Composites for the Photocatalytic Degradation of Methylene Blue. Journal of Nanomaterials, 2020, 2020, 1-11.	2.7	30
9	Preparation and electromagnetic properties characterization of reduced graphene oxide/strontium hexaferrite nanocomposites. Nanotechnology Reviews, 2020, 9, 105-114.	5.8	30
10	A glassy carbon electrode modified with a nanocomposite consisting of molybdenum disulfide intercalated into self-doped polyaniline for the detection of bisphenol A. Mikrochimica Acta, 2015, 182, 2623-2628.	5.0	25
11	Direct Electrochemical Vibrio DNA Sensing Adopting Highly Stable Grapheneâ€“Flavin Mononucleotide Aqueous Dispersion Modified Interface. ACS Applied Materials & Interfaces, 2018, 10, 4540-4547.	8.0	19
12	Controllable Preparation of Two Dimensional Metal- or Covalent Organic Frameworks for Chemical Sensing and Biosensing. Acta Chimica Sinica, 2017, 75, 339.	1.4	19
13	Electrochemical preparation of thin-layered molybdenum disulfide-poly(m-aminobenzenesulfonic acid) nanocomposite for TNT detection. Journal of Electroanalytical Chemistry, 2016, 781, 70-75.	3.8	14
14	Research Progress on the Preparation and Application of Nano-sized Molybdenum Disulfide. Acta Chimica Sinica, 2016, 74, 392.	1.4	13
15	The effect of material composition of 3-dimensional graphene oxide and self-doped polyaniline nanocomposites on DNA analytical sensitivity. Colloids and Surfaces B: Biointerfaces, 2015, 133, 24-31.	5.0	8
16	Preparation and Conductive and Electromagnetic Properties of Fe3O4/PANI Nanocomposite via Reverse In Situ Polymerization. Journal of Nanomaterials, 2019, 2019, 1-9.	2.7	8
17	Fabrication of Au Nanoparticle-Decorated MoS2 Nanoslices as Efficient Electrocatalysts for Electrochemical Detection of Dopamine. Catalysts, 2019, 9, 653.	3.5	7
18	Sulfonated polyanilineâ€graphene oxide hybrids: Synthesis and effect of monomer composition on the electrochemical signal for direct DNA detection. Journal of Polymer Science Part A, 2016, 54, 1762-1773.	2.3	4

#	Article	IF	Citations
19	Effect of HAuCl4concentration on electrochemical DNA sensing behaviors of Au/nanoSPAN nanocomposite. Analytical Methods, 2014, 6, 8554-8558.	2.7	0