

Dinh Quang Khieu

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,561
citations

331259

21
h-index

329751

37
g-index

61
all docs

61
docs citations

61
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe ₂ O ₃ nanoporous network fabricated from Fe ₃ O ₄ /reduced graphene oxide for high-performance ethanol gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3275-3283.	4.0	120
2	Multi-wall carbon nanotubes (MWCNTs)-doped polypyrrole DNA biosensor for label-free detection of genetically modified organisms by QCM and EIS. <i>Talanta</i> , 2010, 80, 1164-1169.	2.9	89
3	Iron doped zeolitic imidazolate framework (Fe-ZIF-8): synthesis and photocatalytic degradation of RDB dye in Fe-ZIF-8. <i>Journal of Porous Materials</i> , 2018, 25, 857-869.	1.3	83
4	Facile synthesis of Fe ₂ O ₃ nanoparticles for high-performance CO gas sensor. <i>Materials Research Bulletin</i> , 2015, 68, 302-307.	2.7	80
5	Mainstream avenues for boosting graphitic carbon nitride efficiency: towards enhanced solar light-driven photocatalytic hydrogen production and environmental remediation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10571-10603.	5.2	80
6	Adsorptive removal of Congo red from aqueous solution using zeolitic imidazolate framework-67. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2269-2280.	3.3	79
7	Synthesis, characterization, and comparative gas-sensing properties of Fe ₂ O ₃ prepared from Fe ₃ O ₄ and Fe ₃ O ₄ -chitosan. <i>Journal of Alloys and Compounds</i> , 2012, 523, 120-126.	2.8	72
8	Comparative study of Pb(II) adsorption onto MIL-101 and Fe-MIL-101 from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4093-4102.	3.3	65
9	Fe ₃ O ₄ /Reduced Graphene Oxide Nanocomposite: Synthesis and Its Application for Toxic Metal Ion Removal. <i>Journal of Chemistry</i> , 2016, 2016, 1-10.	0.9	62
10	Synthesis of CeO ₂ /TiO ₂ nanotubes and heterogeneous photocatalytic degradation of methylene blue. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5999-6011.	3.3	57
11	Microwave synthesis and voltammetric simultaneous determination of paracetamol and caffeine using an MOF-199-based electrode. <i>Journal of Materials Science</i> , 2018, 53, 2453-2471.	1.7	45
12	Metal-Organic Framework MIL-101: Synthesis and Photocatalytic Degradation of Remazol Black B Dye. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-15.	1.5	43
13	Gas sensor based on nanoporous hematite nanoparticles: Effect of synthesis pathways on morphology and gas sensing properties. <i>Current Applied Physics</i> , 2012, 12, 1355-1360.	1.1	42
14	Synthesis of Porous Octahedral ZnO/CuO Composites from Zn/Cu-Based MOF-199 and Their Applications in Visible-Light-Driven Photocatalytic Degradation of Dyes. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-16.	1.5	36
15	Electrochemical Determination of Paracetamol Using Fe ₃ O ₄ /Reduced Graphene-Oxide-Based Electrode. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-15.	1.5	30
16	Microwave-assisted synthesis and simultaneous electrochemical determination of dopamine and paracetamol using ZIF-67-modified electrode. <i>Journal of Materials Science</i> , 2019, 54, 11654-11670.	1.7	30
17	Shape and size controlled synthesis of Au nanorods: H ₂ S gas-sensing characterizations and antibacterial application. <i>Journal of Alloys and Compounds</i> , 2015, 635, 265-271.	2.8	29
18	Simultaneous Voltammetric Determination of Ascorbic Acid, Paracetamol, and Caffeine Using Electrochemically Reduced Graphene-Oxide-Modified Electrode. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-15.	1.5	29

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19	Fe-MCM-41 with highly ordered mesoporous structure and high Fe content: synthesis and application in heterogeneous catalytic wet oxidation of phenol. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 73-81.	1.6	28
20	Photocatalytic Degradation of Methylene Blue by Using ZnO/Longan Seed Activated Carbon Under Visible-Light Region. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 446-459.	1.9	23
21	Catalytic wet peroxide oxidation of phenol solution over Fe-Mn binary oxides diatomite composite. <i>Journal of Porous Materials</i> , 2017, 24, 601-611.	1.3	22
22	Synthesis of Iron Doped Zeolite Imidazolate Framework-8 and Its Remazol Deep Black RGB Dye Adsorption Ability. <i>Journal of Chemistry</i> , 2017, 2017, 1-18.	0.9	22
23	Nanoporous hematite nanoparticles: Synthesis and applications for benzylation of benzene and aromatic compounds. <i>Journal of Alloys and Compounds</i> , 2014, 582, 83-87.	2.8	21
24	Synthesis, characterization, and comparative gas sensing properties of tin dioxide nanoflowers and porous nanospheres. <i>Ceramics International</i> , 2015, 41, 14819-14825.	2.3	19
25	Carbon Nanotubes: Synthesis via Chemical Vapour Deposition without Hydrogen, Surface Modification, and Application. <i>Journal of Chemistry</i> , 2019, 2019, 1-14.	0.9	19
26	Magnetic iron oxide modified MIL-101 composite as an efficient visible-light-driven photocatalyst for methylene blue degradation. <i>Journal of Porous Materials</i> , 2019, 26, 1699-1712.	1.3	19
27	Facile fabrication of highly flexible and floatable Cu ₂ O/rGO on Vietnamese traditional paper toward high-performance solar-light-driven photocatalytic degradation of ciprofloxacin antibiotic. <i>RSC Advances</i> , 2020, 10, 16330-16338.	1.7	19
28	3-Mercaptopropyltrimethoxysilane Modified Diatomite: Preparation and Application for Voltammetric Determination of Lead (II) and Cadmium (II). <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	0.9	18
29	TiO ₂ /Diazonium/Graphene Oxide Composites: Synthesis and Visible-Light-Driven Photocatalytic Degradation of Methylene Blue. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-15.	1.5	18
30	Aminopropyl Functionalised MCM-41: Synthesis and Application for Adsorption of Pb(II) and Cd(II). <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-15.	1.0	17
31	A Study on Astrazon Black AFDL Dye Adsorption onto Vietnamese Diatomite. <i>Journal of Chemistry</i> , 2016, 2016, 1-11.	0.9	16
32	Electrochemical Determination of Uric Acid in Urine by Using Zeolite Imidazolate Framework-11 Modified Electrode. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-13.	1.5	16
33	Adsorption of Arsenate from Aqueous Solution onto Modified Vietnamese Bentonite. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-13.	1.0	11
34	Monodisperse Uniform CeO ₂ Nanoparticles: Controlled Synthesis and Photocatalytic Property. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-7.	1.5	10
35	A novel approach for synthesis of hierarchical mesoporous Nd ₂ O ₃ nanomaterials. <i>Journal of Rare Earths</i> , 2017, 35, 677-682.	2.5	10
36	Lead ions removal from aqueous solution using modified carbon nanotubes. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	10

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37	Oxidation of dibenzothiophene using the heterogeneous catalyst of tungsten-based carbon nanotubes. <i>Green Processing and Synthesis</i> , 2019, 8, 68-77.	1.3	10
38	Synthesis of cobalt ferrite and simultaneous determination of ascorbic acid, acetaminophen and caffeine by voltammetric method using cobalt ferrite modified electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17245-17261.	1.1	10
39	Synthesis of (Zn/Co)-based zeolite imidazole frameworks and their applications in visible light-driven photocatalytic degradation of Congo red. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 99-110.	0.9	10
40	Phenol Red Adsorption from Aqueous Solution on the Modified Bentonite. <i>Journal of Chemistry</i> , 2020, 2020, 1-14.	0.9	10
41	Unraveling the effect of Al doping on CO adsorption at ZnO(101̄,0). <i>RSC Advances</i> , 2020, 10, 40663-40672.	1.7	10
42	Strong Adsorption of Arsenite and Phosphate from Aqueous Solution Using La ₂ O ₃ @CeO ₂ Composite. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1310-1323.	2.4	10
43	Fluoride and Arsenite Removal by Adsorption on La ₂ O ₃ -CeO ₂ /Laterite. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-13.	1.5	10
44	Electrochemical Determination of Triclosan Using ZIF-11/Activated Carbon Derived from the Rice Husk Modified Electrode. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-14.	1.5	10
45	Voltammetric determination of Auramine O with ZIF-67/Fe ₂ O ₃ /g-C ₃ N ₄ -modified electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19741-19755.	1.1	9
46	Heterogeneous UV/Fenton-Like Degradation of Methyl Orange Using Iron Terephthalate MIL-53 Catalyst. <i>Journal of Chemistry</i> , 2020, 2020, 1-13.	0.9	9
47	Synthesis of C-N-S-Tridoped TiO ₂ from Vietnam Ilmenite Ore and Its Visible Light-Driven-Photocatalytic Activity for Tetracycline Degradation. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-14.	1.5	9
48	Single-Atom Ni Heterogeneous Catalysts Supported UiO-66 Structure: Synthesis and Catalytic Activities. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-16.	1.5	9
49	Simultaneous Voltammetric Determination of Uric Acid, Xanthine, and Hypoxanthine Using CoFe ₂ O ₄ /Reduced Graphene Oxide-Modified Electrode. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-15.	1.5	8
50	Electrochemical Determination of Diclofenac by Using ZIF-67/g-C ₃ N ₄ Modified Electrode. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-14.	1.5	8
51	Synthesis and Voltammetric Determination of Pb(II) Using a ZIF-8-Based Electrode. <i>Journal of Chemistry</i> , 2018, 2018, 1-12.	0.9	7
52	Metal-Organic Framework-101 (MIL-101): Synthesis, Kinetics, Thermodynamics, and Equilibrium Isotherms of Remazol Deep Black RGB Adsorption. <i>Journal of Chemistry</i> , 2018, 2018, 1-14.	0.9	6
53	Nickel ferrite: synthesis and application for voltammetric determination of uric acid. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	6
54	Simultaneous voltammetric determination of ascorbic acid and acetaminophen in pharmaceutical formulations with UiO-66-modified glassy carbon electrode. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	5

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55	Voltammetric Determination of Rhodamine B Using a ZIF-67/Reduced Graphene Oxide Modified Electrode. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-14.	1.5	3
56	ZIF-67/g-C3N4-Modified Electrode for Simultaneous Voltammetric Determination of Uric Acid and Acetaminophen with Cetyltrimethylammonium Bromide as Discriminating Agent. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-13.	1.5	3
57	Electrochemical Determination of Chloramphenicol on Glassy Carbon Electrode Modified Activated Carbon Derived from Rice Husks. <i>ECS Journal of Solid State Science and Technology</i> , 0, , .	0.9	3
58	The influence of aging time of hydrothermal synthesis on textural properties of Fe-SBA-15 materials. <i>Studies in Surface Science and Catalysis</i> , 2007, 170, 1975-1980.	1.5	2
59	The Benzylation of p-Xylene Using ZnFe ₂ O ₄ Nanoparticles as Heterogeneous Catalyst. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-12.	1.5	2
60	Differential Pulse Voltammetric Determination of Sildenafil Using Nano-Iron Oxides Modified Electrode. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	0.8	2
61	Synthesis and Application of Novel Hybrid Nanomaterials in Catalysis, Adsorption, and Electrochemistry. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-1.	1.0	1