

Manh B Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

504
citations

623574

14
h-index

677027

22
g-index

23
all docs

23
docs citations

23
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive study on the treatment of various organic pollutants by NiCoFe layered double oxide: Material synthesis and characterization, decomposition mechanism exploration, and real water applications. Separation and Purification Technology, 2022, 285, 120358.	3.9	18
2	Highly sensitive electrochemical sensor based on zirconium oxide-decorated gold nanoflakes nanocomposite 2,4-dichlorophenol detection. Journal of Applied Electrochemistry, 2022, 52, 607-616.	1.5	7
3	Characterization and application of Ca ²⁺ /TiO ₂ doped cellulose acetate nanocomposite film for removal of Reactive Red-195. Chemical Engineering Communications, 2021, 208, 304-317.	1.5	14
4	Influence of Brønsted and Lewis acidity of the modified Al-MCM-41 solid acid on cellulose conversion and 5-hydroxymethylfurfuran selectivity. Chemosphere, 2021, 265, 129062.	4.2	29
5	Heterostructure of vanadium pentoxide and mesoporous SBA-15 derived from natural halloysite for highly efficient photocatalytic oxidative desulfurisation. RSC Advances, 2021, 11, 31738-31745.	1.7	13
6	Novel nanoscale Yb-MOF used as highly efficient electrode for simultaneous detection of heavy metal ions. Journal of Materials Science, 2021, 56, 8172-8185.	1.7	32
7	Photocatalytic removal of Rhodamine B in water using g-C ₃ N ₄ /MIL-53(Fe) material under LED visible light with persulfate activation. Korean Journal of Chemical Engineering, 2021, 38, 2034-2046.	1.2	20
8	Bimetallic Ag-Zn-BTC/GO composite as highly efficient photocatalyst in the photocatalytic degradation of reactive yellow 145 dye in water. Journal of Hazardous Materials, 2021, 420, 126560.	6.5	57
9	High CO Adsorption Performance of CuCl-Modified Diatomites by Using the Novel Method "Atomic Implantation". Journal of Chemistry, 2021, 2021, 1-12.	0.9	6
10	Novel Nano-Fe ₂ O ₃ -Co ₃ O ₄ Modified Dolomite and Its Use as Highly Efficient Catalyst in the Ozonation of Ammonium Solution. Journal of Nanomaterials, 2020, 2020, 1-11.	1.5	4
11	Green synthesis of H-ZSM-5 zeolite-anchored O-doped g-C ₃ N ₄ for photodegradation of Reactive Red 195 (RR 195) under solar light. Journal of the Taiwan Institute of Chemical Engineers, 2020, 114, 91-102.	2.7	31
12	An electrochemical sensor based on copper-based metal-organic framework-reduced graphene oxide composites for determination of 2,4-dichlorophenol in water. RSC Advances, 2020, 10, 42212-42220.	1.7	37
13	Highly efficient photocatalytic oxidative desulfurization of dibenzothiophene with sunlight irradiation using green catalyst of Ag@AgBr/Al-SBA-15 derived from natural halloysite. Journal of Industrial and Engineering Chemistry, 2020, 90, 358-370.	2.9	43
14	Cu-Fe Incorporated Graphene-Oxide Nanocomposite as Highly Efficient Catalyst in the Degradation of Dichlorodiphenyltrichloroethane (DDT) from Aqueous Solution. Topics in Catalysis, 2020, 63, 1314-1324.	1.3	13
15	Synthesis and Application of Novel Nano Fe-BTC/GO Composites as Highly Efficient Photocatalysts in the Dye Degradation. Topics in Catalysis, 2020, 63, 1046-1055.	1.3	25
16	Role of Brønsted and Lewis acidic sites in sulfonated Zr-MCM-41 for the catalytic reaction of cellulose into 5-hydroxymethyl furfural. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 825-836.	0.8	14
17	Direct synthesis of highly ordered Ti-containing Al-SBA-15 mesostructured catalysts from natural halloysite and its photocatalytic activity for oxidative desulfurization of dibenzothiophene. Advanced Powder Technology, 2020, 31, 3351-3360.	2.0	26
18	High CO performance of graphene oxide modified with CuCl by using "ion implantation" method. Materials Research Express, 2020, 7, 105008.	0.8	7

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19	Cellulose Conversion to 5 Hydroxymethyl Furfural (5-HMF) Using Al-Incorporated SBA-15 as Highly Efficient Catalyst. <i>Journal of Chemistry</i> , 2019, 2019, 1-8.	0.9	14
20	Synthesis of Magnesium Oxide Nanoplates and Their Application in Nitrogen Dioxide and Sulfur Dioxide Adsorption. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	0.9	25
21	Synthesis of Ag-AgBr/Al-MCM-41 nanocomposite and its application in photocatalytic oxidative desulfurization of dibenzothiophene. <i>Advanced Powder Technology</i> , 2018, 29, 1827-1837.	2.0	46
22	Synthesis of Al-MCM-41@Ag/TiO ₂ Nanocomposite and Its Photocatalytic Activity for Degradation of Dibenzothiophene. <i>Journal of Chemistry</i> , 2018, 2018, 1-9.	0.9	6
23	Atomic implantation synthesis of Fe-Cu/SBA-15 nanocomposite as a heterogeneous Fenton-like catalyst for enhanced degradation of DDT. <i>Materials Research Express</i> , 2018, 5, 115005.	0.8	17