

Wilawan Khanitchaidecha

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

280
citations

1040056

9
h-index

940533

16
g-index

25
all docs

25
docs citations

25
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Electrocoagulation in Street Food Wastewater. <i>Water (Switzerland)</i> , 2022, 14, 655.	2.7	1
2	Coconut Fiber Decorated with Bismuth Vanadate for Enhanced Photocatalytic Activity. <i>ACS Omega</i> , 2022, 7, 8854-8863.	3.5	6
3	Enhanced Photocatalytic and Photokilling Activities of Cu-Doped TiO ₂ Nanoparticles. <i>Nanomaterials</i> , 2022, 12, 1198.	4.1	16
4	New insight into the photocatalytic degradation of organic pollutant over BiVO ₄ /SiO ₂ /GO nanocomposite. <i>Scientific Reports</i> , 2021, 11, 4620.	3.3	18
5	Decomposition of dye pigment via photocatalysis process using CuO-TiO ₂ nanocomposite. <i>Materials Today: Proceedings</i> , 2021, 47, 3441-3444.	1.8	6
6	Enhancement of nitrate removal under limited organic carbon with hydrogen-driven autotrophic denitrification in low-cost electrode bio-electrochemical reactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2520-2528.	3.2	8
7	Novel Strategy for the Development of Antibacterial TiO ₂ Thin Film onto Polymer Substrate at Room Temperature. <i>Nanomaterials</i> , 2021, 11, 1493.	4.1	12
8	Synthesis and Characterization of WO ₃ /CeO ₂ Heterostructured Nanoparticles for Photodegradation of Indigo Carmine Dye. <i>ACS Omega</i> , 2021, 6, 19771-19777.	3.5	47
9	Evaluation of prospects and barriers of biogas produced from livestock waste towards sustainable development and adaptation to climate change in Nghe An province, Viet Nam. <i>APN Science Bulletin</i> , 2021, 11, 81-88.	0.7	0
10	Bio-electrochemical reactor using low-cost electrode materials for aqueous contaminant removal. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 943-949.	1.9	0
11	Influence of Preparation Methods of TiO ₂ Nano-Particle on Photodegradation of Methylene Blue. <i>Materials Science Forum</i> , 2020, 998, 84-89.	0.3	1
12	Photocatalytic degradation of organic dye over bismuth vanadate-silicon dioxide-graphene oxide nanocomposite under visible light irradiation. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 1237-1241.	1.9	7
13	Synthesis, characterization and environmental applications of bismuth vanadate. <i>Research on Chemical Intermediates</i> , 2019, 45, 5217-5259.	2.7	32
14	Hybrid high-porosity rice straw infused with BiVO ₄ nanoparticles for efficient 2-chlorophenol degradation. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1060-1068.	2.1	4
15	The influence of experimental conditions on photocatalytic degradation of methylene blue using titanium dioxide particle. <i>Journal of the Australian Ceramic Society</i> , 2018, 54, 557-564.	1.9	19
16	Adsorption and Photocatalytic Processes of Mesoporous SiO ₂ -Coated Monoclinic BiVO ₄ . <i>Frontiers in Chemistry</i> , 2018, 6, 415.	3.6	17
17	Photocatalytic Degradation of Organic Dye under UV-A Irradiation Using TiO ₂ Vetiver Multifunctional Nano Particles. <i>Materials</i> , 2017, 10, 122.	2.9	25
18	Utilization of Waste Materials for Microbial Carrier in Wastewater Treatment. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	5

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19	Simultaneous Removal of Ammonium and Nitrate by a Combination of ANAMMOX and Hydrogenotrophic Denitrification. <i>Journal of Water and Environment Technology</i> , 2015, 13, 167-178.	0.7	5
20	Hydrogenotrophic denitrification in an attached growth reactor under various operating conditions. <i>Water Science and Technology: Water Supply</i> , 2012, 12, 72-81.	2.1	16
21	NH ₄ -N Removal Through Nitrification and Hydrogenotrophic Denitrification in Simple Attached Growth Reactors. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3939-3953.	2.4	7
22	Development of an attached growth reactor for NH ₄ ⁺ -N removal at a drinking water supply system in Kathmandu Valley, Nepal. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 734-743.	1.7	9
23	Modeling of an immobilized sludge reactor with polyethylene glycol (PEG)-pellet to remove NH ₄ -N from groundwater. <i>Water Science and Technology: Water Supply</i> , 2011, 11, 534-544.	2.1	2
24	Performance of intermittent aeration reactor on NH ₄ -N removal from groundwater resources. <i>Water Science and Technology</i> , 2010, 61, 3061-3069.	2.5	8
25	Effect of Anatase/Rutile Phase Ratio on the Photodegradation of Methylene Blue under UV Irradiation. <i>Materials Science Forum</i> , 0, 998, 78-83.	0.3	9