

Heng Yi Teah

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

478
citations

758635

12
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmentally friendly chemical synthesis of intermetallic iron aluminide submicrometer particles. <i>Journal of Cleaner Production</i> , 2021, 316, 128264.	4.6	7
2	Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. <i>Journal of Cleaner Production</i> , 2021, 313, 127726.	4.6	2
3	Chemical synthesis of unique intermetallic TiFe nanostructures originating from the morphology of oxide precursors. <i>Nanoscale Advances</i> , 2021, 3, 5284-5291.	2.2	9
4	Preferential phosphate sorption and Al substitution on goethite. <i>Environmental Science: Nano</i> , 2020, 7, 3497-3508.	2.2	11
5	Modeling the time-lag effect of sea surface temperatures on ciguatera poisoning in the South Pacific: Implications for surveillance and response. <i>Toxicon</i> , 2020, 182, 21-29.	0.8	7
6	Molecular mechanisms for Pb removal by Cyanidiales: a potential biomaterial applied in thermo-acidic conditions. <i>Chemical Engineering Journal</i> , 2020, 401, 125828.	6.6	14
7	Redox reactions between chromium(VI) and hydroquinone: Alternative pathways for polymerization of organic molecules. <i>Environmental Pollution</i> , 2020, 261, 114024.	3.7	7
8	Life Cycle Greenhouse Gas Emissions of Long and Pure Carbon Nanotubes Synthesized via On-Substrate and Fluidized-Bed Chemical Vapor Deposition. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1730-1740.	3.2	24
9	Incorporating External Effects into Project Sustainability Assessments: The Case of a Green Campus Initiative Based on a Solar PV System. <i>Sustainability</i> , 2019, 11, 5786.	1.6	18
10	Use 3-D tomography to reveal structural modification of bentonite-enriched clay by nonionic surfactants: Application of organo-clay composites to detoxify aflatoxin B1 in chickens. <i>Journal of Hazardous Materials</i> , 2019, 375, 312-319.	6.5	16
11	Removal and simultaneous reduction of Cr(VI) by organo-Fe(III) composites produced during coprecipitation and coagulation processes. <i>Journal of Hazardous Materials</i> , 2019, 376, 12-20.	6.5	30
12	Adsorption mechanisms of chromate and phosphate on hydrotalcite: A combination of macroscopic and spectroscopic studies. <i>Environmental Pollution</i> , 2019, 247, 180-187.	3.7	27
13	Capacity and recycling of polyoxometalate applied in As(III) oxidation by Fe(II)-Amended zero-valent aluminum. <i>Chemosphere</i> , 2018, 200, 1-7.	4.2	12
14	Adsorption of tetracycline on Fe (hydr)oxides: effects of pH and metal cation (Cu ²⁺ , Zn) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> 2018, 5, 171941.	1.1	48
15	Life cycle assessment of palm-derived biodiesel in Taiwan. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 959-969.	2.1	7
16	Life cycle assessment of small-scale horizontal axis wind turbines in Taiwan. <i>Journal of Cleaner Production</i> , 2017, 141, 492-501.	4.6	40
17	Support Phosphorus Recycling Policy with Social Life Cycle Assessment: A Case of Japan. <i>Sustainability</i> , 2017, 9, 1223.	1.6	20
18	Assessment of Downscaling Planetary Boundaries to Semi-Arid Ecosystems with a Local Perception: A Case Study in the Middle Reaches of Heihe River. <i>Sustainability</i> , 2016, 8, 1233.	1.6	16

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19	Accumulation of heavy metals and trace elements in fluvial sediments received effluents from traditional and semiconductor industries. <i>Scientific Reports</i> , 2016, 6, 34250.	1.6	74
20	Stabilization of Natural Organic Matter by Short-Range-Order Iron Hydroxides. <i>Environmental Science & Technology</i> , 2016, 50, 12612-12620.	4.6	75
21	Molecular Structures of Al/Si and Fe/Si Coprecipitates and the Implication for Selenite Removal. <i>Scientific Reports</i> , 2016, 6, 24716.	1.6	9
22	Designing Field Exercises with the Integral Approach for Sustainability Science: A Case Study of the Heihe River Basin, China. , 2016, , 23-39.		1
23	Drawing Lessons from the Minamata Incident for the General Public: Exercise on Resilience, Minamata Unit AY2014. , 2016, , 93-113.		1
24	Experiential Knowledge Complements an LCA-Based Decision Support Framework. <i>Sustainability</i> , 2015, 7, 12386-12401.	1.6	3