

Heng Yi Teah

List of Publications by Year in descending order

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Version: 2024-02-01

24

papers

478

citations

759233

12

h-index

677142

22

g-index

24

all docs

24

docs citations

24

times ranked

744

citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of Natural Organic Matter by Short-Range-Order Iron Hydroxides. Environmental Science & Technology, 2016, 50, 12612-12620.	10.0	75
2	Accumulation of heavy metals and trace elements in fluvial sediments received effluents from traditional and semiconductor industries. Scientific Reports, 2016, 6, 34250.	3.3	74
3	Adsorption of tetracycline on Fe (hydr)oxides: effects of pH and metal cation (Cu ²⁺ , Zn) Tj ETQq1 1 0.784314 rgBT /Ov 2018, 5, 171941.	2.4	48
4	Life cycle assessment of small-scale horizontal axis wind turbines in Taiwan. Journal of Cleaner Production, 2017, 141, 492-501.	9.3	40
5	Removal and simultaneous reduction of Cr(VI) by organo-Fe(III) composites produced during coprecipitation and coagulation processes. Journal of Hazardous Materials, 2019, 376, 12-20.	12.4	30
6	Adsorption mechanisms of chromate and phosphate on hydrotalcite: A combination of macroscopic and spectroscopic studies. Environmental Pollution, 2019, 247, 180-187.	7.5	27
7	Life Cycle Greenhouse Gas Emissions of Long and Pure Carbon Nanotubes Synthesized via On-Substrate and Fluidized-Bed Chemical Vapor Deposition. ACS Sustainable Chemistry and Engineering, 2020, 8, 1730-1740.	6.7	24
8	Support Phosphorus Recycling Policy with Social Life Cycle Assessment: A Case of Japan. Sustainability, 2017, 9, 1223.	3.2	20
9	Incorporating External Effects into Project Sustainability Assessments: The Case of a Green Campus Initiative Based on a Solar PV System. Sustainability, 2019, 11, 5786.	3.2	18
10	Assessment of Downscaling Planetary Boundaries to Semi-Arid Ecosystems with a Local Perception: A Case Study in the Middle Reaches of Heihe River. Sustainability, 2016, 8, 1233.	3.2	16
11	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. Journal of Hazardous Materials, 2019, 375, 312-319.	12.4	16
12	Molecular mechanisms for Pb removal by Cyanidiales: a potential biomaterial applied in thermo-acidic conditions. Chemical Engineering Journal, 2020, 401, 125828.	12.7	14
13	Capacity and recycling of polyoxometalate applied in As(III) oxidation by Fe(II)-Amended zero-valent aluminum. Chemosphere, 2018, 200, 1-7.	8.2	12
14	Preferential phosphate sorption and Al substitution on goethite. Environmental Science: Nano, 2020, 7, 3497-3508.	4.3	11
15	Molecular Structures of Al/Si and Fe/Si Coprecipitates and the Implication for Selenite Removal. Scientific Reports, 2016, 6, 24716.	3.3	9
16	Chemical synthesis of unique intermetallic TiFe nanostructures originating from the morphology of oxide precursors. Nanoscale Advances, 2021, 3, 5284-5291.	4.6	9
17	Life cycle assessment of palm-derived biodiesel in Taiwan. Clean Technologies and Environmental Policy, 2017, 19, 959-969.	4.1	7
18	Modeling the time-lag effect of sea surface temperatures on ciguatera poisoning in the South Pacific: Implications for surveillance and response. Toxicon, 2020, 182, 21-29.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Redox reactions between chromium(VI) and hydroquinone: Alternative pathways for polymerization of organic molecules. Environmental Pollution, 2020, 261, 114024.	7.5	7
20	Environmentally friendly chemical synthesis of intermetallic iron aluminide submicrometer particles. Journal of Cleaner Production, 2021, 316, 128264.	9.3	7
21	Experiential Knowledge Complements an LCA-Based Decision Support Framework. Sustainability, 2015, 7, 12386-12401.	3.2	3
22	Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. Journal of Cleaner Production, 2021, 313, 127726.	9.3	2
23	Designing Field Exercises with the Integral Approach for Sustainability Science: A Case Study of the Heihe River Basin, China. , 2016, , 23-39.		1
24	Drawing Lessons from the Minamata Incident for the General Public: Exercise on Resilience, Minamata Unit AY2014. , 2016, , 93-113.		1