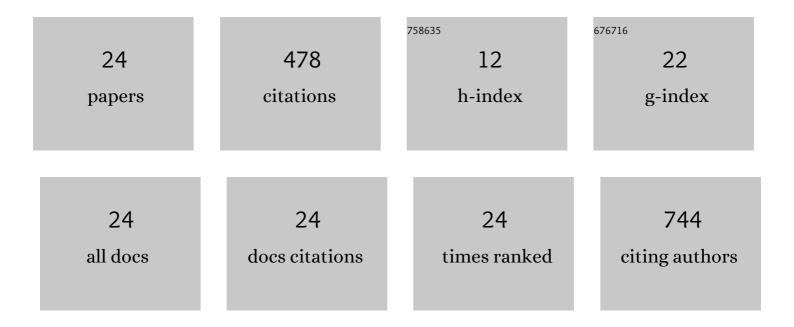
## Heng Yi Teah

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Environmentally friendly chemical synthesis of intermetallic iron aluminide submicrometer particles. Journal of Cleaner Production, 2021, 316, 128264.	4.6	7
2	Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. Journal of Cleaner Production, 2021, 313, 127726.	4.6	2
3	Chemical synthesis of unique intermetallic TiFe nanostructures originating from the morphology of oxide precursors. Nanoscale Advances, 2021, 3, 5284-5291.	2.2	9
4	Preferential phosphate sorption and Al substitution on goethite. Environmental Science: Nano, 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. Toxicon, 2020, 182, 21-29.	0.8	7
6	Molecular mechanisms for Pb removal by Cyanidiales: a potential biomaterial applied in thermo-acidic conditions. Chemical Engineering Journal, 2020, 401, 125828.	6.6	14
7	Redox reactions between chromium(VI) and hydroquinone: Alternative pathways for polymerization of organic molecules. Environmental Pollution, 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. ACS Sustainable Chemistry and Engineering, 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. Sustainability, 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. Journal of Hazardous Materials, 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. Journal of Hazardous Materials, 2019, 376, 12-20.	6.5	30
12	Adsorption mechanisms of chromate and phosphate on hydrotalcite: A combination of macroscopic and spectroscopic studies. Environmental Pollution, 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. Chemosphere, 2018, 200, 1-7.	4.2	12
14	Adsorption of tetracycline on Fe (hydr)oxides: effects of pH and metal cation (Cu <sup>2+</sup> , Zn) Tj ETQc 2018, 5, 171941.	0 0 0 rgBT 1.1	/Overlock 10 48
15	Life cycle assessment of palm-derived biodiesel in Taiwan. Clean Technologies and Environmental Policy, 2017, 19, 959-969.	2.1	7
16	Life cycle assessment of small-scale horizontal axis wind turbines in Taiwan. Journal of Cleaner Production, 2017, 141, 492-501.	4.6	40
17	Support Phosphorus Recycling Policy with Social Life Cycle Assessment: A Case of Japan. Sustainability, 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. Sustainability, 2016, 8, 1233.	1.6	16

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#	Article	IF	CITATIONS
19	Accumulation of heavy metals and trace elements in fluvial sediments received effluents from traditional and semiconductor industries. Scientific Reports, 2016, 6, 34250.	1.6	74
20	Stabilization of Natural Organic Matter by Short-Range-Order Iron Hydroxides. Environmental Science & Technology, 2016, 50, 12612-12620.	4.6	75
21	Molecular Structures of Al/Si and Fe/Si Coprecipitates and the Implication for Selenite Removal. Scientific Reports, 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. Sustainability, 2015, 7, 12386-12401.	1.6	3