

# Heng Yi Teah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8580903/publications.pdf>

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	Stabilization of Natural Organic Matter by Short-Range-Order Iron Hydroxides. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12612-12620.	4.6	75
2	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
3	Adsorption of tetracycline on Fe (hydr)oxides: effects of pH and metal cation (Cu <sup>2+</sup> , Zn). <i>Tj ETQq1 1 0.784314 rgBT /Ov</i> 2018, 5, 171941.	1.1	48
4	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
5	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
6	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
7	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
8	Support Phosphorus Recycling Policy with Social Life Cycle Assessment: A Case of Japan. <i>Sustainability</i> , 2017, 9, 1223.	1.6	20
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	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
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. <i>Journal of Hazardous Materials</i> , 2019, 375, 312-319.	6.5	16
12	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
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	Preferential phosphate sorption and Al substitution on goethite. <i>Environmental Science: Nano</i> , 2020, 7, 3497-3508.	2.2	11
15	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
16	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
17	Life cycle assessment of palm-derived biodiesel in Taiwan. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 959-969.	2.1	7
18	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

#	ARTICLE	IF	CITATIONS
19	Redox reactions between chromium(VI) and hydroquinone: Alternative pathways for polymerization of organic molecules. <i>Environmental Pollution</i> , 2020, 261, 114024.	3.7	7
20	Environmentally friendly chemical synthesis of intermetallic iron aluminide submicrometer particles. <i>Journal of Cleaner Production</i> , 2021, 316, 128264.	4.6	7
21	Experiential Knowledge Complements an LCA-Based Decision Support Framework. <i>Sustainability</i> , 2015, 7, 12386-12401.	1.6	3
22	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
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