

# Y A Teh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1425906/publications.pdf>

Version: 2024-02-01

36  
papers

1,344  
citations

361413

20  
h-index

361022

35  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen effects on methane production and oxidation in humid tropical forest soils. <i>Global Change Biology</i> , 2005, 11, 1283-1297.	9.5	122
2	Large Greenhouse Gas Emissions from a Temperate Peatland Pasture. <i>Ecosystems</i> , 2011, 14, 311-325.	3.4	114
3	The challenges of measuring methane fluxes and concentrations over a peatland pasture. <i>Agricultural and Forest Meteorology</i> , 2012, 153, 177-187.	4.8	113
4	Logging disturbance shifts net primary productivity and its allocation in Bornean tropical forests. <i>Global Change Biology</i> , 2018, 24, 2913-2928.	9.5	98
5	Termites mitigate the effects of drought in tropical rainforest. <i>Science</i> , 2019, 363, 174-177.	12.6	98
6	Logging and soil nutrients independently explain plant trait expression in tropical forests. <i>New Phytologist</i> , 2019, 221, 1853-1865.	7.3	69
7	Suppression of methanogenesis by dissimilatory Fe(III)-reducing bacteria in tropical rain forest soils: implications for ecosystem methane flux. <i>Global Change Biology</i> , 2008, 14, 413-422.	9.5	57
8	A test of a field-based <sup>15</sup> N <sub>2</sub> “nitrous oxide pool dilution technique to measure gross N <sub>2</sub> O production in soil. <i>Global Change Biology</i> , 2011, 17, 3577-3588.	9.5	52
9	Estimating aboveground carbon density and its uncertainty in Borneo's structurally complex tropical forests using airborne laser scanning. <i>Biogeosciences</i> , 2018, 15, 3811-3830.	3.3	47
10	Methyl halide and methane fluxes in the northern Alaskan coastal tundra. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	42
11	Fluvial organic carbon fluxes from oil palm plantations on tropical peatland. <i>Biogeosciences</i> , 2018, 15, 7435-7450.	3.3	41
12	Imaging spectroscopy reveals the effects of topography and logging on the leaf chemistry of tropical forest canopy trees. <i>Global Change Biology</i> , 2020, 26, 989-1002.	9.5	37
13	Seasonal variability in methane and nitrous oxide fluxes from tropical peatlands in the western Amazon basin. <i>Biogeosciences</i> , 2017, 14, 3669-3683.	3.3	35
14	Methane and nitrous oxide fluxes across an elevation gradient in the tropical Peruvian Andes. <i>Biogeosciences</i> , 2014, 11, 2325-2339.	3.3	31
15	Soil Organic Carbon (SOC) Equilibrium and Model Initialisation Methods: an Application to the Rothamsted Carbon (RothC) Model. <i>Environmental Modeling and Assessment</i> , 2017, 22, 215-229.	2.2	31
16	The impact of logging on vertical canopy structure across a gradient of tropical forest degradation intensity in Borneo. <i>Journal of Applied Ecology</i> , 2021, 58, 1764-1775.	4.0	26
17	Rhizosphere activity and atmospheric methane concentrations drive variations of methane fluxes in a temperate forest soil. <i>Soil Biology and Biochemistry</i> , 2018, 116, 323-332.	8.8	24
18	Quantifying wind and pressure effects on trace gas fluxes across the soil-atmosphere interface. <i>Biogeosciences</i> , 2015, 12, 7423-7434.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Effects of water management and cultivar on carbon dynamics, plant productivity and biomass allocation in European rice systems. <i>Science of the Total Environment</i> , 2019, 685, 1139-1151.	8.0	23
20	Chloroform emissions from the Alaskan Arctic tundra. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	22
21	Hydrologic regulation of gross methyl chloride and methyl bromide uptake from Alaskan Arctic tundra. <i>Global Change Biology</i> , 2009, 15, 330-345.	9.5	22
22	Evaluating the Classical Versus an Emerging Conceptual Model of Peatland Methane Dynamics. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1435-1453.	4.9	22
23	Water, temperature, and vegetation regulation of methyl chloride and methyl bromide fluxes from a shortgrass steppe ecosystem. <i>Global Change Biology</i> , 2008, 14, 77-91.	9.5	21
24	A decade of belowground reorganization following multiple disturbances in a subtropical wet forest. <i>Plant and Soil</i> , 2009, 323, 197-212.	3.7	21
25	Carbon dioxide exchange of a pepperweed ( <i>Lepidium latifolium</i> L.) infestation: How do flowering and mowing affect canopy photosynthesis and autotrophic respiration?. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	20
26	Carbon isotope fractionation by methane-oxidizing bacteria in tropical rain forest soils. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	19
27	Effects of soil structure destruction on methane production and carbon partitioning between methanogenic pathways in tropical rain forest soils. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	18
28	Linking functional traits to multiscale statistics of leaf venation networks. <i>New Phytologist</i> , 2020, 228, 1796-1810.	7.3	18
29	Gross fluxes of methyl chloride and methyl bromide in a California oak-savanna woodland. <i>Atmospheric Environment</i> , 2010, 44, 2054-2061.	4.1	15
30	Drivers of atmospheric methane uptake by montane forest soils in the southern Peruvian Andes. <i>Biogeosciences</i> , 2016, 13, 4151-4165.	3.3	13
31	Net soil carbon balance in afforested peatlands and separating autotrophic and heterotrophic soil CO <sub>2</sub> and CH <sub>4</sub> effluxes. <i>Biogeosciences</i> , 2022, 19, 313-327.	3.3	8
32	Leaf venation networks of Bornean trees: images and hand-traced segmentations. <i>Ecology</i> , 2019, 100, e02844.	3.2	7
33	The effects of burning and grazing on soil carbon dynamics in managed Peruvian tropical montane grasslands. <i>Biogeosciences</i> , 2017, 14, 5633-5646.	3.3	6
34	Measuring gross N <sub>2</sub> O production in soil: a reply to Well and Butterbach-Bahl. <i>Global Change Biology</i> , 2013, 19, 985-987.	9.5	4
35	Complex controls on nitrous oxide flux across a large-elevation gradient in the tropical Peruvian Andes. <i>Biogeosciences</i> , 2017, 14, 5077-5097.	3.3	4
36	EFFECTS OF BIOCHAR FROM OIL PALM BIOMASS ON SOIL PROPERTIES AND GROWTH PERFORMANCE OF OIL PALM SEEDLINGS. <i>Journal of Sustainability Science and Management</i> , 2022, 17, 183-200.	0.5	1