

Pei-Ling Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

2,000
citations

18
h-index

44
g-index

58
ext. papers

2,278
ext. citations

5
avg, IF

4.02
L-index

#	Paper	IF	Citations
55	The biogeographic pattern of microbial communities inhabiting terrestrial mud volcanoes across the Eurasian continent. <i>Biogeosciences</i> , 2022 , 19, 831-843	4.6	0
54	<i>Vibrio nitrifigilis</i> sp. nov., a marine nitrogen-fixing bacterium isolated from the lagoon sediment of an islet inside an atoll. <i>Antonie Van Leeuwenhoek</i> , 2021 , 114, 933-945	2.1	3
53	Geochemical evidence of tropical cyclone controls on shallow-marine sedimentation (Pliocene, Taiwan). <i>Geology</i> , 2021 , 49, 566-570	5	2
52	Carbon and nitrogen isoscape of particulate organic matter in the East China Sea. <i>Progress in Oceanography</i> , 2021 , 197, 102667	3.8	1
51	Evaluation of cooking effects on otolith stable carbon and oxygen isotope values of teleostean fish <i>Pomadasys kaakan</i> (Cuvier, 1830). <i>Rapid Communications in Mass Spectrometry</i> , 2021 , e9233	2.2	
50	Seasonal Movement Patterns of the Bigfin Reef Squid <i>Sepioteuthis lessoniana</i> Predicted Using Statolith $\delta^{18}O$ Values. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	1
49	Gas geochemistry of hot springs at the Tengchong field, Southwest China: Controlled by the spatial distribution of magmatic chamber. <i>Journal of Volcanology and Geothermal Research</i> , 2020 , 402, 106998	2.8	4
48	Discharge of deeply rooted fluids from submarine mud volcanism in the Taiwan accretionary prism. <i>Scientific Reports</i> , 2020 , 10, 381	4.9	3
47	Toward a standardised protocol for the stable isotope analysis of scleractinian corals. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8663	2.2	5
46	Body Size, Light Intensity, and Nutrient Supply Determine Plankton Stoichiometry in Mixotrophic Plankton Food Webs. <i>American Naturalist</i> , 2020 , 195, E100-E111	3.7	4
45	Methane Seeps and Independent Methane Plumes in the South China Sea Offshore Taiwan. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	3
44	Temporal Variations of Submarine Groundwater Discharge into a Tide-Dominated Coastal Wetland (Gaomei Wetland, Western Taiwan) Indicated by Radon and Radium Isotopes. <i>Water (Switzerland)</i> , 2020 , 12, 1806	3	4
43	Linkage of sulfur isotopic enrichment to sulfur and arsenic release in the coastal aquifers of southwestern Taiwan. <i>Journal of Geochemical Exploration</i> , 2019 , 205, 106342	3.8	1
42	gen. nov., sp. nov., a facultatively anaerobic marine bacterium that ferments glucose with gas production. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3318-3325	2.2	1
41	Evolution of hot fluids in the Chingshui geothermal field inferred from crystal morphology and geochemical vein data. <i>Geothermics</i> , 2018 , 74, 305-318	4.3	7
40	Fractionation of otolith nitrogen stable isotopes measured by peroxodisulfate oxidation-bacterial conversion and isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1905-1910	2.2	6
39	Trophic structure and energy flow in a shallow-water hydrothermal vent: Insights from a stable isotope approach. <i>PLoS ONE</i> , 2018 , 13, e0204753	3.7	12

38	Steep redox gradient and biogeochemical cycling driven by deeply sourced fluids and gases in a terrestrial mud volcano. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	6
37	Resolved measurements of $^{13}\text{CDH}_3$ and $^{12}\text{CD}_2\text{H}_2$ from a mud volcano in Taiwan. <i>Journal of Asian Earth Sciences</i> , 2018 , 167, 218-221	2.8	2
36	Dietary reconstruction of the Iron Age population at the Fantzuyuan site, Taiwan, revealed by isotopic analysis on human and faunal bone collagen. <i>Archaeological Research in Asia</i> , 2017 , 9, 34-43	1.9	1
35	Magmatic-like fluid source of the Chingshui geothermal field, NE Taiwan evidenced by carbonate clumped-isotope paleothermometry. <i>Journal of Asian Earth Sciences</i> , 2017 , 149, 124-133	2.8	9
34	Production, consumption, and migration of methane in accretionary prism of southwestern Taiwan. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 2970-2989	3.6	15
33	Improved analytical techniques of sulfur isotopic composition in nanomole quantities by MC-ICP-MS. <i>Analytica Chimica Acta</i> , 2017 , 988, 34-40	6.6	12
32	Microbial Community Composition and Functional Capacity in a Terrestrial Ferruginous, Sulfate-Depleted Mud Volcano. <i>Frontiers in Microbiology</i> , 2017 , 8, 2137	5.7	20
31	Diet and subsistence mode of Neolithic Yuan-Shan people in Taiwan: Perspective from carbon and nitrogen isotope analyses of bone collagen. <i>Archaeological Research in Asia</i> , 2016 , 7, 18-27	1.9	1
30	Tracing the sources of carbon in clay minerals: An example from western Taiwan. <i>Quaternary Geochronology</i> , 2016 , 34, 24-32	2.7	10
29	Effect of sulfidogenesis cycling on the biogeochemical process in arsenic-enriched aquifers in the Lanyang Plain of Taiwan: Evidence from a sulfur isotope study. <i>Journal of Hydrology</i> , 2015 , 528, 523-536	6	6
28	Distributions and assemblages of microbial communities along a sediment core retrieved from a potential hydrate-bearing region offshore southwestern Taiwan. <i>Journal of Asian Earth Sciences</i> , 2014 , 92, 276-292	2.8	13
27	Temperature-dependent variations in sulfate-reducing communities associated with a terrestrial hydrocarbon seep. <i>Microbes and Environments</i> , 2014 , 29, 377-87	2.6	11
26	Spatial variations of community structures and methane cycling across a transect of Lei-Gong-Hou mud volcanoes in eastern Taiwan. <i>Frontiers in Microbiology</i> , 2014 , 5, 121	5.7	11
25	Hydrochemical, mineralogical and isotopic investigation of arsenic distribution and mobilization in the Guandu wetland of Taiwan. <i>Journal of Hydrology</i> , 2013 , 498, 274-286	6	19
24	Segregated Planktonic and Bottom-Dwelling Archaeal Communities in High-Temperature Acidic/Sulfuric Ponds of the Tatun Volcano Group, Northern Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 345	1.8	1
23	Heterogeneous rupture in the great Cascadia earthquake of 1700 inferred from coastal subsidence estimates. <i>Journal of Geophysical Research: Solid Earth</i> , 2013 , 118, 2460-2473	3.6	73
22	Microbial methane cycling in a terrestrial mud volcano in eastern Taiwan. <i>Environmental Microbiology</i> , 2012 , 14, 895-908	5.2	46
21	Metabolic stratification driven by surface and subsurface interactions in a terrestrial mud volcano. <i>ISME Journal</i> , 2012 , 6, 2280-90	11.9	37

20	Potential of microbial methane formation in a high-temperature hydrocarbon seep. <i>Applied Geochemistry</i> , 2012 , 27, 1666-1678	3.5	3
19	Thermochronology of the PoSen complex, northern Vietnam: Implications for tectonic evolution in SE Asia. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 1044-1055	2.8	23
18	Biogeochemical cycling of arsenic in coastal salinized aquifers: Evidence from sulfur isotope study. <i>Science of the Total Environment</i> , 2011 , 409, 4818-30	10.2	19
17	Isotopic constraints of vein carbonates on fluid sources and processes associated with the ongoing brittle deformation within the accretionary wedge of Taiwan. <i>Terra Nova</i> , 2010 , 22, 251	3	6
16	Role of S waves and Love waves in coseismic permeability enhancement. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	58
15	Jurassic Dextral Movement along the Dien Bien Phu Fault, NW Vietnam: Constraints from $^{40}\text{Ar}/^{39}\text{Ar}$ Geochronology. <i>Journal of Geology</i> , 2009 , 117, 192-199	2	12
14	Cultivation-Based Characterization of Microbial Communities Associated with Deep Sedimentary Rocks from Taiwan Chelungpu Drilling Project Cores. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2007 , 18, 395	1.8	5
13	Long-term sustainability of a high-energy, low-diversity crustal biome. <i>Science</i> , 2006 , 314, 479-82	33.3	283
12	^{40}Ar - ^{39}Ar Thermochronological Constraints on the Exhumation of Ultrahigh-Pressure Metamorphic Rocks in the Sulu Terrane of Eastern China. <i>International Geology Review</i> , 2005 , 47, 872-886	2.3	16
11	Oxygen isotopic compositions of IVA iron meteorites: implications for the thermal evolution derived from in situ ultraviolet laser microprobe analyses. <i>Geochimica Et Cosmochimica Acta</i> , 2004 , 68, 1159-1171	5.5	20
10	An ultraviolet laser microprobe for the in situ analysis of multisulfur isotopes and its use in measuring Archean sulfur isotope mass-independent anomalies. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 3101-3118	5.5	77
9	Reply to comment on Onset of the movement along the Ailao Shan-Red river shear zone: Constraint from $^{40}\text{Ar}/^{39}\text{Ar}$ dating results for Nam Dinh area, northern Vietnam. <i>Journal of Asian Earth Sciences</i> 18, 281-292. <i>Journal of Asian Earth Sciences</i> , 2001 , 20, 101-103	2.8	2
8	First evidence for Archean continental crust in northern Vietnam and its implications for crustal and tectonic evolution in Southeast Asia. <i>Geology</i> , 2001 , 29, 219	5	78
7	Geochemical and SrNd isotopic characteristics of granitic rocks from northern Vietnam. <i>Journal of Asian Earth Sciences</i> , 2000 , 18, 267-280	2.8	83
6	Onset timing of left-lateral movement along the Ailao Shan-Red River Shear Zone: $^{40}\text{Ar}/^{39}\text{Ar}$ dating constraint from the Nam Dinh Area, northeastern Vietnam. <i>Journal of Asian Earth Sciences</i> , 2000 , 18, 281-292	2.8	105
5	Diachronous uplift of the Tibetan plateau starting 40 Myr ago. <i>Nature</i> , 1998 , 394, 769-773	50.4	426
4	Thermochronological evidence for the movement of the Ailao Shan-Red River shear zone: A perspective from Vietnam. <i>Geology</i> , 1998 , 26, 887	5	128
3	$^{40}\text{Ar}/^{39}\text{Ar}$ dating result of Neogene basalts in Vietnam and its tectonic implication. <i>Geodynamic Series</i> , 1998 , 317-330		25

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| 2 | Intraplate extension prior to continental extrusion along the Ailao Shan-Red River shear zone. <i>Geology</i> , 1997 , 25, 311 | 5 | 279 |
| 1 | Trophic plasticity of mixotrophic corals under contrasting environments. <i>Functional Ecology</i> , | 5.6 | 2 |