

Li-Hung Lin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,824
citations

687363

13
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1934
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Environmental Genomics Reveals a Single-Species Ecosystem Deep Within Earth. <i>Science</i> , 2008, 322, 275-278. | 12.6 | 474 |
| 2 | Long-Term Sustainability of a High-Energy, Low-Diversity Crustal Biome. <i>Science</i> , 2006, 314, 479-482. | 12.6 | 350 |
| 3 | The yield and isotopic composition of radiolytic H ₂ , a potential energy source for the deep subsurface biosphere. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 893-903. | 3.9 | 197 |
| 4 | Desulfotomaculum and Methanobacterium spp. Dominate a 4- to 5-Kilometer-Deep Fault. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8773-8783. | 3.1 | 172 |
| 5 | Radiolytic H ₂ in continental crust: Nuclear power for deep subsurface microbial communities. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a. | 2.5 | 165 |
| 6 | Microbial methane cycling in a terrestrial mud volcano in eastern Taiwan. <i>Environmental Microbiology</i> , 2012, 14, 895-908. | 3.8 | 67 |
| 7 | Geochemically Generated, Energy-Rich Substrates and Indigenous Microorganisms in Deep, Ancient Groundwater. <i>Geomicrobiology Journal</i> , 2005, 22, 325-335. | 2.0 | 59 |
| 8 | Planktonic Microbial Communities Associated with Fracture-Derived Groundwater in a Deep Gold Mine of South Africa. <i>Geomicrobiology Journal</i> , 2006, 23, 475-497. | 2.0 | 55 |
| 9 | Metabolic stratification driven by surface and subsurface interactions in a terrestrial mud volcano. <i>ISME Journal</i> , 2012, 6, 2280-2290. | 9.8 | 54 |
| 10 | Mitogenomic sequences effectively recover relationships within brush-footed butterflies (Lepidoptera: Nymphalidae). <i>BMC Genomics</i> , 2014, 15, 468. | 2.8 | 49 |
| 11 | Microbial Community Composition and Functional Capacity in a Terrestrial Ferruginous, Sulfate-Depleted Mud Volcano. <i>Frontiers in Microbiology</i> , 2017, 8, 2137. | 3.5 | 32 |
| 12 | Production, consumption, and migration of methane in accretionary prism of southwestern Taiwan. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2970-2989. | 2.5 | 28 |
| 13 | 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. | 2.3 | 18 |
| 14 | 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. | 3.5 | 13 |
| 15 | 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, . | 2.7 | 13 |
| 16 | Discharge of deeply rooted fluids from submarine mud volcanism in the Taiwan accretionary prism. <i>Scientific Reports</i> , 2020, 10, 381. | 3.3 | 13 |
| 17 | Temperature-Dependent Variations in Sulfate-Reducing Communities Associated with a Terrestrial Hydrocarbon Seep. <i>Microbes and Environments</i> , 2014, 29, 377-387. | 1.6 | 12 |
| 18 | Backscattered ³⁹ Ar loss in fine-grained minerals: Implications for ⁴⁰ Ar/ ³⁹ Ar geochronology of clay. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 3965-3974. | 3.9 | 10 |

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|----|---|-----|-----------|
| 19 | Humic acids enhance the microbially mediated release of sedimentary ferrous iron. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4176-4184. | 5.3 | 10 |
| 20 | 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. | 2.1 | 8 |
| 21 | Biogeochemical cycling of ferric oxyhydroxide affecting As partition in groundwater aquitard. <i>Environmental Geochemistry and Health</i> , 2012, 34, 467-479. | 3.4 | 6 |
| 22 | Potential of microbial methane formation in a high-temperature hydrocarbon seep. <i>Applied Geochemistry</i> , 2012, 27, 1666-1678. | 3.0 | 5 |
| 23 | 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. | 2.3 | 5 |
| 24 | 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. | 0.6 | 5 |
| 25 | 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. | 0.6 | 2 |
| 26 | The biogeographic pattern of microbial communities inhabiting terrestrial mud volcanoes across the Eurasian continent. <i>Biogeosciences</i> , 2022, 19, 831-843. | 3.3 | 2 |