

# Qiang Li

## List of Publications by Year in descending order

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34  
papers

676  
citations

623574

14  
h-index

580701

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

637  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Seasonal, diurnal and storm-scale hydrochemical variations of typical epikarst springs in subtropical karst areas of SW China: Soil CO <sub>2</sub> and dilution effects. <i>Journal of Hydrology</i> , 2007, 337, 207-223.                                     | 2.3 | 138       |
| 2  | Vegetation restoration facilitates belowground microbial network complexity and recalcitrant soil organic carbon storage in southwest China karst region. <i>Science of the Total Environment</i> , 2022, 820, 153137.  | 3.9 | 66        |
| 3  | Hydrochemical variations during flood pulses in the south-west China peak cluster karst: impacts of CaCO <sub>3</sub> –H <sub>2</sub> O–CO <sub>2</sub> interactions. <i>Hydrological Processes</i> , 2004, 18, 2423-2437.                                      | 1.1 | 55        |
| 4  | Canonical correspondence analysis of soil heavy metal pollution, microflora and enzyme activities in the Pb–Zn mine tailing dam collapse area of Sidi village, SW China. <i>Environmental Earth Sciences</i> , 2015, 73, 267-274.                               | 1.3 | 54        |
| 5  | Diurnal Variations of Hydrochemistry in a Travertine-depositing Stream at Baishuitai, Yunnan, SW China. <i>Aquatic Geochemistry</i> , 2006, 12, 103-121.  | 1.5 | 38        |
| 6  | The effect of toxicity of heavy metals contained in tailing sands on the organic carbon metabolic activity of soil microorganisms from different land use types in the karst region. <i>Environmental Earth Sciences</i> , 2015, 74, 6747-6756.                 | 1.3 | 29        |
| 7  | Changes in Land Use and their Effects on Soil Properties in Huixian Karst Wetland System. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 699-707.   | 0.6 | 25        |
| 8  | Potential biological role of laccase from the sponge <i>Suberites domuncula</i> as an antibacterial defense component. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 118-128.   | 1.1 | 23        |
| 9  | Spatial and temporal dynamics of bacterioplankton community composition in a subtropical dammed karst river of southwestern China. <i>MicrobiologyOpen</i> , 2019, 8, e00849.   | 1.2 | 22        |
| 10 | The Characteristics of Soil C, N, and P Stoichiometric Ratios as Affected by Geological Background in a Karst Graben Area, Southwest China. <i>Forests</i> , 2019, 10, 601.   | 0.9 | 21        |
| 11 | Contribution of aerobic anoxygenic phototrophic bacteria to total organic carbon pool in aquatic system of subtropical karst catchments, Southwest China: evidence from hydrochemical and microbiological study. <i>FEMS Microbiology Ecology</i> , 2017, 93, . | 1.3 | 19        |
| 12 | The Influence of Land Use Patterns on Soil Bacterial Community Structure in the Karst Graben Basin of Yunnan Province, China. <i>Forests</i> , 2020, 11, 51.  | 0.9 | 18        |
| 13 | Impact of Rocky Desertification Control on Soil Bacterial Community in Karst Graben Basin, Southwestern China. <i>Frontiers in Microbiology</i> , 2021, 12, 636405.   | 1.5 | 16        |
| 14 | Effects of Pb, Cd, Zn, and Cu on Soil Enzyme Activity and Soil Properties Related to Agricultural Land-Use Practices in Karst Area Contaminated by Pb-Zn Tailings. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 2623-2632.                        | 0.6 | 16        |
| 15 | Leaf epidermal characters of <i>Lonicera japonica</i> and <i>Lonicera confuse</i> and their ecology adaptation. <i>Journal of Forestry Research</i> , 2007, 18, 103-108.  | 1.7 | 14        |
| 16 | High-resolution study on the hydrochemical variations caused by the dilution of precipitation in the epikarst spring: an example spring of Landiantang at Nongla, Mashan, China. <i>Environmental Geology</i> , 2008, 54, 347-354.                              | 1.2 | 14        |
| 17 | Linking soil redistribution to soil organic carbon using <sup>210</sup> Pb <sub>ex</sub> along different complex toposequences in a karst region, southwest China. <i>Catena</i> , 2021, 202, 105239.   | 2.2 | 12        |
| 18 | Restoration of Impaired Metabolic Energy Balance (ATP Pool) and Tube Formation Potential of Endothelial Cells under “high glucose”, Diabetic Conditions by the Bioinorganic Polymer Polyphosphate. <i>Polymers</i> , 2017, 9, 575.                              | 2.0 | 11        |

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|----|--|-----|-----------|
| 19 | The effect of land use change and soil redistribution on soil organic carbon dynamics in karst graben basin of China. <i>Journal of Soils and Sediments</i> , 2021, 21, 2511-2524.   | 1.5 | 10        |
| 20 | A novel magnetic fluorescent chemosensor for Cu <sup>2+</sup> based on self-assembled systems of azobenzene and ̢-cyclodextrin. <i>RSC Advances</i> , 2015, 5, 66674-66680.  | 1.7 | 9         |
| 21 | A novel TiO <sub>2</sub> -assisted magnetic nanoparticle separator for treatment and inactivation of bacterial contaminants in aquatic systems. <i>RSC Advances</i> , 2014, 4, 48267-48275.  | 1.7 | 8         |
| 22 | Influence of Altered Microbes on Soil Organic Carbon Availability in Karst Agricultural Soils Contaminated by Pb-Zn Tailings. <i>Frontiers in Microbiology</i> , 2018, 9, 2062.  | 1.5 | 8         |
| 23 | The promoting effect of soil carbonic anhydrase on the limestone dissolution rate in SW China. <i>Carbonates and Evaporites</i> , 2017, 32, 147-154.   | 0.4 | 7         |
| 24 | The carbon isotope fractionation in the atmosphere-soil-spring system associated with CO <sub>2</sub> -fixation bacteria at Yaji karst experimental site in Guilin, SW China. <i>Environmental Earth Sciences</i> , 2015, 74, 5393-5401. | 1.3 | 6         |
| 25 | The research of typical microbial functional group reveals a new oceanic carbon sequestration mechanism—A case of innovative method promoting scientific discovery. <i>Science China Earth Sciences</i> , 2016, 59, 456-463.             | 2.3 | 5         |
| 26 | Karst biogeochemistry in China: past, present and future. <i>Environmental Earth Sciences</i> , 2019, 78, 1.   | 1.3 | 5         |
| 27 | Comparative analysis of bacterioplankton assemblages from two subtropical karst reservoirs of southwestern China with contrasting trophic status. <i>Scientific Reports</i> , 2020, 10, 22296.   | 1.6 | 5         |
| 28 | Response of microbial communities and their metabolic functions to calcareous succession process. <i>Science of the Total Environment</i> , 2022, 825, 154020.   | 3.9 | 5         |
| 29 | Accumulation in nutrient acquisition strategies of arbuscular mycorrhizal fungi and plant roots in poor and heterogeneous soils of karst shrub ecosystems. <i>BMC Plant Biology</i> , 2022, 22, 188.                                     | 1.6 | 5         |
| 30 | Carbonic anhydrase: a key regulatory and detoxifying enzyme for Karst plants. <i>Planta</i> , 2014, 239, 213-229.  | 1.6 | 3         |
| 31 | Transformation of Construction Cement to a Self-Healing Hybrid Binder. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2948.  | 1.8 | 3         |
| 32 | Comparative Analysis of Soil Bacteria Assemblages Across Land-Use Types in a Given Karst Landscape in Southwest China. <i>Polish Journal of Environmental Studies</i> , 2021, , .  | 0.6 | 2         |
| 33 | Modern calcite-precipitating experiment of algae and isotope imbalance. <i>Carbonates and Evaporites</i> , 2010, 25, 127-131.  | 0.4 | 1         |
| 34 | ̢ <sup>13</sup> C values of soil organic carbon and their responses to C <sub>3</sub> and C <sub>4</sub> plants shift in Mengzi karst graben basin, SW China. <i>Acta Carsologica</i> , 2020, 49, .                                      | 0.3 | 0         |