

# Gary Bañuelos

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,604  
citations

516710

16  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1844  
citing authors

#	ARTICLE	IF	CITATIONS
1	High removal efficiencies of antibiotics and low accumulation of antibiotic resistant genes obtained in microbial fuel cell-constructed wetlands intensified by sponge iron. <i>Science of the Total Environment</i> , 2022, 806, 150220.	8.0	29
2	Can As concentration in crop be controlled by Se fertilization? A meta-analysis and outline of As sequestration mechanisms. <i>Science of the Total Environment</i> , 2022, 838, 155967.	8.0	2
3	Removal of sulfamethoxazole and tetracycline in constructed wetlands integrated with microbial fuel cells influenced by influent and operational conditions. <i>Environmental Pollution</i> , 2021, 272, 115988.	7.5	48
4	Removal of chlorpyrifos and its hydrolytic metabolite in microcosm-scale constructed wetlands under soda saline-alkaline condition: Mass balance and intensification strategies. <i>Science of the Total Environment</i> , 2021, 777, 145956.	8.0	11
5	Greenhouse gas emissions and wastewater treatment performance by three plant species in subsurface flow constructed wetland mesocosms. <i>Chemosphere</i> , 2020, 239, 124795.	8.2	56
6	Bioaugmented constructed wetlands for denitrification of saline wastewater: A boost for both microorganisms and plants. <i>Environment International</i> , 2020, 138, 105628.	10.0	64
7	Feasibility of growing halophyte <i>Salsola soda</i> as an alternative boron-tolerant food crop in unproductive boron-laden regions. <i>Plant and Soil</i> , 2019, 445, 323-334.	3.7	4
8	Removal of chlorpyrifos and its hydrolytic metabolite 3,5,6-trichloro-2-pyridinol in constructed wetland mesocosms under soda saline-alkaline conditions: Effectiveness and influencing factors. <i>Journal of Hazardous Materials</i> , 2019, 373, 67-74.	12.4	26
9	Influence of salt stress on propagation, growth and nutrient uptake of typical aquatic plant species. <i>Nordic Journal of Botany</i> , 2019, 37, .	0.5	11
10	Removal of sulfamethoxazole from salt-laden wastewater in constructed wetlands affected by plant species, salinity levels and co-existing contaminants. <i>Chemical Engineering Journal</i> , 2018, 341, 462-470.	12.7	63
11	Microbial community biomass and structure in saline and non-saline soils associated with salt- and boron-tolerant poplar clones grown for the phytoremediation of selenium. <i>International Journal of Phytoremediation</i> , 2018, 20, 129-137.	3.1	11
12	Biosynthesis of selenium nanoparticles and effects of selenite, selenate, and selenomethionine on cell growth and morphology in <i>Rahnella aquatilis</i> HX2. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6191-6205.	3.6	23
13	Two Poplar Hybrid Clones Differ in Phenolic Antioxidant Levels and Polyphenol Oxidase Activity in Response to High Salt and Boron Irrigation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7256-7264.	5.2	6
14	Evaluation of two hybrid poplar clones as constructed wetland plant species for treating saline water high in boron and selenium, or waters only high in boron. <i>Journal of Hazardous Materials</i> , 2017, 333, 319-328.	12.4	21
15	Removal of nutrients in saline wastewater using constructed wetlands: Plant species, influent loads and salinity levels as influencing factors. <i>Chemosphere</i> , 2017, 187, 52-61.	8.2	69
16	Constructed wetlands for saline wastewater treatment: A review. <i>Ecological Engineering</i> , 2017, 98, 275-285.	3.6	164
17	Evaluating Oilseed Biofuel Production Feasibility in California's San Joaquin Valley Using Geophysical and Remote Sensing Techniques. <i>Sensors</i> , 2017, 17, 2343.	3.8	3
18	Influence of salinity and boron on germination, seedling growth and transplanting mortality of guayule: A combined growth chamber and greenhouse study. <i>Industrial Crops and Products</i> , 2016, 92, 236-243.	5.2	12

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19	Selenium Cycling Across Soil-Plant-Atmosphere Interfaces: A Critical Review. <i>Nutrients</i> , 2015, 7, 4199-4239.	4.1	319
20	Evaluation of the halophyte <i>Salsola soda</i> as an alternative crop for saline soils high in selenium and boron. <i>Journal of Environmental Management</i> , 2015, 157, 96-102.	7.8	46
21	The Changing Selenium Nutritional Status of Chinese Residents. <i>Nutrients</i> , 2014, 6, 1103-1114.	4.1	54
22	Daily Dietary Selenium Intake in a High Selenium Area of Enshi, China. <i>Nutrients</i> , 2013, 5, 700-710.	4.1	78
23	The Phytomanagement of Trace Elements in Soil. <i>Critical Reviews in Plant Sciences</i> , 2009, 28, 240-266.	5.7	265
24	Field Trial of Transgenic Indian Mustard Plants Shows Enhanced Phytoremediation of Selenium-Contaminated Sediment. <i>Environmental Science &amp; Technology</i> , 2005, 39, 1771-1777.	10.0	219