

Alex Godoy-Fañón

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

766
citations

623188

14
h-index

500791

28
g-index

37
all docs

37
docs citations

37
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Life cycle assessment of macroalgae cultivation and processing for biofuel production. <i>Journal of Cleaner Production</i> , 2014, 75, 45-56.	4.6	148
2	Water Scarcity and the Impact of the Mining and Agricultural Sectors in Chile. <i>Sustainability</i> , 2016, 8, 128.	1.6	106
3	Adsorption of biosolids and their main components on chalcopyrite, molybdenite and pyrite: Zeta potential and FTIR spectroscopy studies. <i>Minerals Engineering</i> , 2015, 78, 128-135.	1.8	72
4	Legal disputes as a proxy for regional conflicts over water rights in Chile. <i>Journal of Hydrology</i> , 2016, 535, 36-45.	2.3	60
5	Proinflammatory Cytokine Expression in Gastric Tissue From Children With <i>Helicobacter pylori</i> Associated Gastritis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2001, 33, 127-132.	0.9	47
6	Bioremediation of contaminated mixtures of desert mining soil and sawdust with fuel oil by aerated in-vessel composting in the Atacama Region (Chile). <i>Journal of Hazardous Materials</i> , 2008, 151, 649-657.	6.5	36
7	Greening Chilean copper mining operations through industrial ecology strategies. <i>Journal of Cleaner Production</i> , 2014, 84, 671-679.	4.6	35
8	A combined photovoltaic and novel renewable energy system: An optimized techno-economic analysis for mining industry applications. <i>Journal of Cleaner Production</i> , 2017, 149, 999-1010.	4.6	23
9	Assessment of the floatability of chalcopyrite, molybdenite and pyrite using biosolids and their main components as collectors for greening the froth flotation of copper sulphide ores. <i>Minerals Engineering</i> , 2014, 64, 38-43.	1.8	21
10	Exploring soil databases: a self-organizing map approach. <i>Soil Use and Management</i> , 2015, 31, 121-131.	2.6	20
11	Relationship between <i>Helicobacter pylori</i> virulence factors and regulatory cytokines as predictors of clinical outcome. <i>Microbes and Infection</i> , 2007, 9, 428-434.	1.0	19
12	Role of biosolids on hydrophobic properties of sulfide ores. <i>International Journal of Mineral Processing</i> , 2011, 100, 124-129.	2.6	19
13	Viability analysis of underground mining machinery using green hydrogen as a fuel. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5112-5121.	3.8	19
14	Ten new insights in climate science 2020 – a horizon scan. <i>Global Sustainability</i> , 2021, 4, .	1.6	17
15	CagA Antibodies as a Marker of Virulence in Chilean Patients With <i>Helicobacter pylori</i> Infection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2003, 37, 596-602.	0.9	14
16	Rougher flotation of copper sulphide ore using biosolids and humic acids. <i>Minerals Engineering</i> , 2011, 24, 1603-1608.	1.8	14
17	Viability analysis of centralized hydrogen generation plant for use in mobility sector. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 11793-11802.	3.8	11
18	Simulation of Water-Use Efficiency of Crops under Different Irrigation Strategies. <i>Water (Switzerland)</i> , 2020, 12, 2930.	1.2	9

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19	An exploratory study of peat and sawdust as enhancers in the (bio)degradation of n-dodecane. <i>Biodegradation</i> , 2008, 19, 527-534.	1.5	8
20	Uncertainty in a monthly water balance model using the generalized likelihood uncertainty estimation methodology. <i>Journal of Earth System Science</i> , 2015, 124, 49-59.	0.6	8
21	Call to Action: Supporting Latin American Early Career Researchers on the Quest for Sustainable Development in the Region. <i>Frontiers in Research Metrics and Analytics</i> , 2021, 6, 657120.	0.9	8
22	Multiperiod Optimisation of Irrigated Crops under Different Conditions of Water Availability. <i>Water (Switzerland)</i> , 2018, 10, 1434.	1.2	7
23	Understanding water disputes in Chile with text and data mining tools. <i>Water International</i> , 2019, 44, 302-320.	0.4	7
24	The role of climate variability in convergence of residential water consumption across Chilean localities. <i>Environmental Economics and Policy Studies</i> , 2020, 22, 89-108.	0.8	7
25	Distributional impacts of climate change on basin communities: an integrated modeling approach. <i>Regional Environmental Change</i> , 2017, 17, 1811-1821.	1.4	6
26	Estimation of Yield Response Factor for Each Growth Stage under Local Conditions Using AquaCrop-OS. <i>Water (Switzerland)</i> , 2020, 12, 1080.	1.2	6
27	Use of humic substances in froth flotation processes. <i>Journal of Environmental Management</i> , 2019, 252, 109699.	3.8	5
28	Exploring the Roles of Local Mobility Patterns, Socioeconomic Conditions, and Lockdown Policies in Shaping the Patterns of COVID-19 Spread. <i>Future Internet</i> , 2021, 13, 112.	2.4	5
29	Regulación de la respuesta inmune frente a la infección por <i>Helicobacter pylori</i> . <i>Revista Chilena De Pediatría</i> , 2002, 73, .	0.4	3
30	Socio-environmental issues related to mineral exploitation in the andes. , 2018, , 21-54.		2
31	Dolor abdominal, dispepsia y gastritis en pediatría: Rol del <i>Helicobacter pylori</i> . <i>Revista Chilena De Pediatría</i> , 2001, 72, .	0.4	2
32	Circular Economy in a Water-Energy-Food Security Nexus Associate to an SDGs Framework: Understanding Complexities. , 2021, , 219-239.		2
33	Regulatory cytokines in gastric mucosa of <i>Helicobacter pylori</i> -infected children and adults. <i>Gastroenterology</i> , 2003, 124, A12.	0.6	0
34	Validation of Cryogenic Vacuum Extraction of Pore Water from Volcanic Soils for Isotopic Analysis. <i>Water (Switzerland)</i> , 2019, 11, 2214.	1.2	0
35	Water Policy in Chile. <i>Global Issues in Water Policy</i> , Volume 21. <i>Water Economics and Policy</i> , 2019, 05, 1880007.	0.3	0
36	Highly Segregated Metropolitan Areas Cause COVID-19 Drivers to Act With Different Weights in Successive Pandemic Stages. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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37	Environmental-Microbial Biotechnology Inside Mining Operations from an Engineering Viewpoint Based on LCA. Soil Biology, 2015, , 133-158.	0.6	0