

Hugo Valdes

List of Publications by Year in descending order

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18
papers

326
citations

933264

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h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Reclamation of Treated Wastewater for Irrigation in Chile: Perspectives of the Current State and Challenges. <i>Water (Switzerland)</i> , 2022, 14, 627.	1.2	4
2	Comparative Analysis of Conventional and Emerging Technologies for Seawater Desalination: Northern Chile as A Case Study. <i>Membranes</i> , 2021, 11, 180.	1.4	15
3	Evaluation of Bed Depth Reduction, Media Change, and Partial Saturation as Combined Strategies to Modify in Vertical Treatment Wetlands. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4842.	1.2	4
4	Reverse Osmosis Concentrate: Physicochemical Characteristics, Environmental Impact, and Technologies. <i>Membranes</i> , 2021, 11, 753.	1.4	13
5	Artisan Brick Kilns: State-of-the-Art and Future Trends. <i>Sustainability</i> , 2020, 12, 7724.	1.6	10
6	Potential Application of Chilean Natural Zeolite as a Support Medium in Treatment Wetlands for Removing Ammonium and Phosphate from Wastewater. <i>Water (Switzerland)</i> , 2020, 12, 1156.	1.2	8
7	Proposal of competencies for engineering education to develop water infrastructure based on "Nature-Based Solutions" in the urban context. <i>Journal of Cleaner Production</i> , 2020, 265, 121717.	4.6	18
8	Numerical Simulation on Supercritical CO ₂ Fluid Dynamics in a Hollow Fiber Membrane Contactor. <i>Computation</i> , 2019, 7, 8.	1.0	4
9	Avocado Oil: Characteristics, Properties, and Applications. <i>Molecules</i> , 2019, 24, 2172.	1.7	88
10	Cogeneration Process Technical Viability for an Apartment Building: Case Study in Mexico. <i>Processes</i> , 2019, 7, 93.	1.3	11
11	Environmental Assessment of Energy Scenarios for a Low-Carbon Electrical Network in Chile. <i>Sustainability</i> , 2019, 11, 5066.	1.6	11
12	Sensitivity of Radiative and Thermal Properties of Building Material in the Urban Atmosphere. <i>Sustainability</i> , 2019, 11, 6865.	1.6	7
13	Energy Diagnosis of University Buildings: Renewable Energy Institute from UNAM. <i>Buildings</i> , 2018, 8, 136.	1.4	3
14	Proposed Model of Sustainable Construction Skills for Engineers in Chile. <i>Sustainability</i> , 2018, 10, 3093.	1.6	24
15	Near critical and supercritical fluid extraction of Cu(II) from aqueous solutions using a hollow fiber contactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2013, 65, 58-67.	1.8	12
16	Concentration of noni juice by means of osmotic distillation. <i>Journal of Membrane Science</i> , 2009, 330, 205-213.	4.1	61
17	Characterization of chemical kinetics in membrane-based liquid-liquid extraction of molybdenum(VI) from aqueous solutions. <i>Chemical Engineering Journal</i> , 2009, 151, 333-341.	6.6	29
18	Machine learning adapted to the ARCS model of motivation and applied to a kinematics course. <i>Computer Applications in Engineering Education</i> , 0, , .	2.2	4