

Behrouz Pirouz

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

636
citations

758635

12
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer and non-polymer admixtures for concrete roofs: Thermal and mechanical properties, energy saving and carbon emission mitigation prospective. Journal of Building Engineering, 2022, 45, 103495.	1.6	3
2	Improving the Efficiency of Green Roofs Using Atmospheric Water Harvesting Systems (An Innovative) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	20
3	Machine Learning and Geo-Based Multi-Criteria Decision Support Systems in Analysis of Complex Problems. ISPRS International Journal of Geo-Information, 2021, 10, 424.	1.4	3
4	CFD Investigation of Vehicleâ€™s Ventilation Systems and Analysis of ACH in Typical Airplanes, Cars, and Buses. Sustainability, 2021, 13, 6799.	1.6	13
5	The Role of HVAC Design and Windows on the Indoor Airflow Pattern and ACH. Sustainability, 2021, 13, 7931.	1.6	14
6	Management of Urban Waters with Nature-Based Solutions in Circular Citiesâ€™ Exemplified through Seven Urban Circularity Challenges. Water (Switzerland), 2021, 13, 3334.	1.2	46
7	The Role of Artificial Intelligence, MLR and Statistical Analysis in Investigations about the Correlation of Swab Tests and Stress on Health Care Systems by COVID-19. Information (Switzerland), 2020, 11, 454.	1.7	6
8	Decreasing Water Footprint of Electricity and Heat by Extensive Green Roofs: Case of Southern Italy. Sustainability, 2020, 12, 10178.	1.6	19
9	A Novel Idea for Improving the Efficiency of Green Walls in Urban Environment (an Innovative Design) Tj ETQq1 1 0,784314 rgBT /Over	1.2	13
10	On the Use of a Real-Time Control Approach for Urban Stormwater Management. Water (Switzerland), 2020, 12, 2842.	1.2	21
11	Prioritizing and Analyzing the Role of Climate and Urban Parameters in the Confirmed Cases of COVID-19 Based on Artificial Intelligence Applications. International Journal of Environmental Research and Public Health, 2020, 17, 3730.	1.2	46
12	Investigating a Serious Challenge in the Sustainable Development Process: Analysis of Confirmed cases of COVID-19 (New Type of Coronavirus) Through a Binary Classification Using Artificial Intelligence and Regression Analysis. Sustainability, 2020, 12, 2427.	1.6	202
13	The Role of the Extensive Green Roofs on Decreasing Building Energy Consumption in the Mediterranean Climate. Sustainability, 2020, 12, 359.	1.6	63
14	Development of an Assessment Method for Evaluation of Sustainable Factories. Sustainability, 2020, 12, 1841.	1.6	23
15	A new multi-objective dynamic model to close the gaps in sustainable development of industrial sector. IOP Conference Series: Earth and Environmental Science, 2020, 410, 012074.	0.2	12
16	New Mathematical Optimization Approaches for LID Systems. Lecture Notes in Computer Science, 2020, , 583-595.	1.0	12
17	Development of an Assessment Method for Investigating the Impact of Climate and Urban Parameters in Confirmed Cases of COVID-19: A New Challenge in Sustainable Development. International Journal of Environmental Research and Public Health, 2020, 17, 2801.	1.2	70
18	Optimizing Rainwater Harvesting Systems for Non-potable Water Uses and Surface Runoff Mitigation. Lecture Notes in Computer Science, 2020, , 570-582.	1.0	14

#	ARTICLE	IF	CITATIONS
19	The Role of Power Consumption and Type of Air Conditioner in Direct and Indirect Water Consumption. Journal of Sustainable Development of Energy, Water and Environment Systems, 2018, 6, 665-673.	0.9	16