

# Behrouz Pirouz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6780438/publications.pdf>

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	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
2	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
3	The Role of the Extensive Green Roofs on Decreasing Building Energy Consumption in the Mediterranean Climate. Sustainability, 2020, 12, 359.	1.6	63
4	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
5	Management of Urban Waters with Nature-Based Solutions in Circular Cities—Exemplified through Seven Urban Circularity Challenges. Water (Switzerland), 2021, 13, 3334.	1.2	46
6	Development of an Assessment Method for Evaluation of Sustainable Factories. Sustainability, 2020, 12, 1841.	1.6	23
7	On the Use of a Real-Time Control Approach for Urban Stormwater Management. Water (Switzerland), 2020, 12, 2842.	1.2	21
8	Improving the Efficiency of Green Roofs Using Atmospheric Water Harvesting Systems (An Innovative) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.2	20
9	Decreasing Water Footprint of Electricity and Heat by Extensive Green Roofs: Case of Southern Italy. Sustainability, 2020, 12, 10178.	1.6	19
10	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
11	The Role of HVAC Design and Windows on the Indoor Airflow Pattern and ACH. Sustainability, 2021, 13, 7931.	1.6	14
12	Optimizing Rainwater Harvesting Systems for Non-potable Water Uses and Surface Runoff Mitigation. Lecture Notes in Computer Science, 2020, , 570-582.	1.0	14
13	A Novel Idea for Improving the Efficiency of Green Walls in Urban Environment (an Innovative Design) Tj ETQq1 1 0,784314 rgBT /Overlock 13	1.2	13
14	CFD Investigation of Vehicle's Ventilation Systems and Analysis of ACH in Typical Airplanes, Cars, and Buses. Sustainability, 2021, 13, 6799.	1.6	13
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	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
18	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

#	ARTICLE	IF	CITATIONS
19	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