

Luka GrbÄiÄ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7361427/publications.pdf>

Version: 2024-02-01

22
papers

164
citations

1163117

8
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Efficiency Assessment of Adaptive Mesh Refinement for Turbulent Jets in Crossflow. <i>Mathematics</i> , 2022, 10, 620.	2.2	3
2	MPI Associated Scalability of Open-Source CFD Codes for Oil Spill Assessment. <i>Journal of Maritime & Transportation Science</i> , 2022, Special edition 4, 67-75.	0.1	0
3	Numerical Modeling of Inclined Buoyant Jets for Different Flow Conditions. <i>Journal of Maritime & Transportation Science</i> , 2022, Special edition 4, 77-86.	0.1	0
4	Coastal water quality prediction based on machine learning with feature interpretation and spatio-temporal analysis. <i>Environmental Modelling and Software</i> , 2022, 155, 105458.	4.5	19
5	Impacts of Atmospheric and Anthropogenic Factors on Microbiological Pollution of the Recreational Coastal Beaches Neighboring Shipping Ports. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8552.	2.6	5
6	Large Eddy Simulation of turbulent fluid mixing in double-tee junctions. <i>Ain Shams Engineering Journal</i> , 2021, 12, 789-797.	6.1	6
7	Source Contamination Detection Using Novel Search Space Reduction Coupled with Optimization Technique. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, .	2.6	6
8	Machine-Learning Classification of a Number of Contaminant Sources in an Urban Water Network. <i>Sensors</i> , 2021, 21, 245.	3.8	10
9	Machine Learning and Simulation-Optimization Coupling for Water Distribution Network Contamination Source Detection. <i>Sensors</i> , 2021, 21, 1157.	3.8	17
10	Assessment of head loss coefficients for water turbine intake trash-racks by numerical modeling. <i>Journal of Advanced Research</i> , 2020, 21, 109-119.	9.5	8
11	Introducing languid particle dynamics to a selection of PSO variants. <i>Egyptian Informatics Journal</i> , 2020, 21, 119-129.	6.8	5
12	Cavitation Model Calibration Using Machine Learning Assisted Workflow. <i>Mathematics</i> , 2020, 8, 2107.	2.2	6
13	A Machine Learning-based Algorithm for Water Network Contamination Source Localization. <i>Sensors</i> , 2020, 20, 2613.	3.8	12
14	Efficient Double-Tee Junction Mixing Assessment by Machine Learning. <i>Water (Switzerland)</i> , 2020, 12, 238.	2.7	10
15	Water supply network pollution source identification by random forest algorithm. <i>Journal of Hydroinformatics</i> , 2020, 22, 1521-1535.	2.4	25
16	Rijeka Bay 3D VOF Costal Flow Model. <i>Journal of Maritime & Transportation Science</i> , 2020, 3, 125-132.	0.1	0
17	Numerical Simulation of River Inflows in Rijeka Bay Coastal Area. <i>Journal of Maritime & Transportation Science</i> , 2020, 3, 117-124.	0.1	0
18	Experimental and Numerical Investigation of Mixing Phenomena in Double-Tee Junctions. <i>Water (Switzerland)</i> , 2019, 11, 1198.	2.7	9

#	ARTICLE	IF	CITATIONS
19	Investigation of Numerical Simulation Parameters on Fluid Flow Around Trash-Racks. Annals of DAAAM & Proceedings, 2018, , 1046-1052.	0.1	1
20	Mesh Creation for Realistic Terrain Cases for Shallowfoam - 2D OpenFOAM Solver. Annals of DAAAM & Proceedings, 2018, , 1065-1070.	0.1	0
21	Analysis of Well Field Nitrates Pollution Distribution in Agricultural Area. Annals of DAAAM & Proceedings, 2018, , 1053-1058.	0.1	0
22	Temporal variations analyses and predictive modeling of microbiological seawater quality. Water Research, 2017, 119, 160-170.	11.3	22