Vassilis C Gerogiannis

List of Publications by Year
in descending order

46	684	759055 12	610775 24
papers	citations	h-index	g-index

46	46	46	447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the factors that determine quality in higher education: an empirical study. Quality Assurance in Education, 2010, 18, 227-244.	0.9	218
2	Risk informed optimization of a hazardous material multi-periodic transportation model. Journal of Loss Prevention in the Process Industries, 2011, 24, 767-773.	1.7	67
3	A two-phase machine learning approach for predicting student outcomes. Education and Information Technologies, 2021, 26, 69-88.	3.5	40
4	Smart Pharmaceutical Manufacturing: Ensuring End-to-End Traceability and Data Integrity in Medicine Production. Big Data Research, 2021, 24, 100172.	2.6	36
5	Exploring an Ensemble of Methods that Combines Fuzzy Cognitive Maps and Neural Networks in Solving the Time Series Prediction Problem of Gas Consumption in Greece. Algorithms, 2019, 12, 235.	1.2	20
6	Fuzzy Cognitive Maps Optimization for Decision Making and Prediction. Mathematics, 2020, 8, 2059.	1.1	19
7	A Comparative Study of Forecasting Electricity Consumption Using Machine Learning Models. Mathematics, 2022, 10, 1329.	1.1	18
8	Comparative study and categorization of high-level petri nets. Journal of Systems and Software, 1998, 43, 133-160.	3.3	17
9	A case study for project and portfolio management information system selection: a group AHP-scoring model approach. International Journal of Project Organisation and Management, 2010, 2, 361.	0.0	16
10	RainPredRNN: A New Approach for Precipitation Nowcasting with Weather Radar Echo Images Based on Deep Learning. Axioms, 2022, 11, 107.	0.9	15
11	Supporting the Requirements Prioritization Process Using Social Network Analysis Techniques. , 2010, , .		14
12	Cloud computing and semantic web technologies for ubiquitous management of smart cities-related competences. Education and Information Technologies, 2021, 26, 2143-2164.	3.5	14
13	Decentralised Service Composition using Potential Fields in Internet of Things Applications. Procedia Computer Science, 2015, 52, 700-706.	1.2	13
14	A Novel Approach Combining Particle Swarm Optimization and Deep Learning for Flash Flood Detection from Satellite Images. Mathematics, 2021, 9, 2846.	1.1	13
15	Employing Fuzzy Logic to Analyze the Structure of Complex Biological and Epidemic Spreading Models. Mathematics, 2021, 9, 977.	1.1	12
16	Systematically testing a real-time operating system. IEEE Micro, 1995, 15, 50-60.	1.8	11
17	Entropy Measures for Plithogenic Sets and Applications in Multi-Attribute Decision Making. Mathematics, 2020, 8, 965.	1.1	10
18	An Evaluation Framework for E-Government Projects. , 0, , 69-90.		10

#	Article	IF	Citations
19	Applying a Convolutional Neural Network in an IoT Robotic System for Plant Disease Diagnosis. , 2020, , .		10
20	Change impact analysis: A systematic mapping study. Journal of Systems and Software, 2021, 174, 110892.	3.3	9
21	Evaluation of project and portfolio Management Information Systems with the use of a hybrid IFS-TOPSIS method. Intelligent Decision Technologies, 2013, 7, 91-105.	0.6	8
22	Using Fuzzy Linguistic 2-Tuples to Collectively Prioritize Software Requirements based on Stakeholders' Evaluations. , 2017, , .		8
23	Fuzzy Guided Autonomous Nursing Robot through Wireless Beacon Network. Multimedia Tools and Applications, 2021, , 1-29.	2.6	8
24	Personalised Fuzzy Recommendation for High Involvement Products. , 2013, , .		7
25	Role of unified modelling language in software development in Greece â€“ results from an exploratory study. IET Software, 2014, 8, 143-153.	1.5	7
26	A fuzzy linguistic approach for human resource evaluation and selection in software projects. , 2015, , .		7
27	Handling vagueness and subjectivity in requirements prioritization. , 2018, , .		7
28	Using social network analysis for software project management. , 2009, , .		6
29	Critical Success Factors and Barriers for Lightweight Software Process Improvement in Agile Development - A Literature Review. , 2015, , .		6
30	Software Features Prioritization based on Stakeholdersâ€™ Satisfaction/Dissatisfaction and Hesitation. , 2020, , .		5
31	Using a Combined Intuitionistic Fuzzy Set-TOPSIS Method for Evaluating Project and Portfolio Management Information Systems. International Federation for Information Processing, 2011, , 67-81.	0.4	5
32	Precision-Based Weighted Blending Distributed Ensemble Model for Emotion Classification. Algorithms, 2022, 15, 55.	1.2	5
33	A Dynamic Programming Approach for Solving the IFM Based Project Scheduling Problem. , 2015, , .		3
34	Ontology based Bayesian Software Process Improvenent. , 2014, , .		3
35	A Fuzzy Cognitive Map for Identifying User Satisfaction from Smartphones. , 2012, , .		2
36	A Hybrid Method for Evaluating Biomass Suppliers â€“ Use of Intuitionistic Fuzzy Sets and Multi-Periodic Optimization. International Federation for Information Processing, 2012, , 217-223.	0.4	2

#	Article	IF	Citations
37	Human Resource Assessment in Software Development Projects Using Fuzzy Linguistic 2-Tuples. , 2014, , .		2
38	Consolidation of the IFM with the JSSP through Neural Networks as Model for Software Projects. , 2014, , .		2
39	An Intuitionistic Fuzzy Approach for Ranking Web Services under Evaluation Uncertainty. , 2015, , .		2
40	Preface to the Special Issue on â€œApplications of Fuzzy Optimization and Fuzzy Decision Makingâ€• Mathematics, 2021, 9, 3009.	1.1	2
41	Elastic Component Characterization with Respect to Quality Properties: An Intuitionistic Fuzzy-Based Approach. , 2011, , .		1
42	Estrangement between Classes: Test Coverage-Based Assessment of Coupling Strength between Pairs of Classes. , 2014, , .		1
43	A dynamic programming algorithm for optimizing the financial return of software projects. , 2015, , .		1
44	Intuitionistic Fuzzy Sets in Large-Scale Software Requirement Prioritization. Advances in Computer and Electrical Engineering Book Series, 2022, , 443-476.	0.2	1
45	A Recommender System based on Intuitionistic Fuzzy Sets for Software Requirements Prioritization. , 2021, , .		1
46	A Novel Requirements Prioritization Approach based on 360 Degree Feedback and Group Recommendation. , 2021, , .		0