Mahmoud O Elish

List of Publications by Year
in descending order

36	1,001	840776	752698
papers	citations	11 h-index	20 g-index

36	36	36	661
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lightweight, Effective Detection and Characterization of Mobile Malware Families. IEEE Transactions on Computers, 2022, 71, 2982-2995.	3.4	6
2	An Empirical Investigation on the Effect of Code Smells on Resource Usage of Android Mobile Applications. IEEE Access, 2021, 9, 61853-61863.	4.2	1
3	An Empirical Comparison of Resampling Ensemble Methods of Deep Learning Neural Networks for Cross-Project Software Defect Prediction. International Journal of Intelligent Engineering and Systems, 2021, 14, 201-209.	0.6	2
4	An Exploratory Study of the Relationship Between Software Test Smells and Fault-Proneness. IEEE Access, 2019, 7, 139526-139536.	4.2	16
5	Comparison of Different Types of ANNs for Identification of Vulnerable Web Components. Advances in Intelligent Systems and Computing, 2019, , 1042-1055.	0.6	0
6	Enhanced prediction of vulnerable Web components using Stochastic Gradient Boosting Trees. International Journal of Web Information Systems, 2019, 15, 201-214.	2.4	2
7	On the association between code cloning and fault-proneness: An empirical investigation. , 2017, , .		0
8	Empirical insight into the context of design patterns: Modularity analysis. , 2016, , .		2
9	Fault density analysis of object-oriented classes in presence of code clones. , 2015, , .		1
10	Quantitative analysis of fault density in design patterns: An empirical study. Information and Software Technology, 2015, 66, 58-72.	4.4	15
11	Three empirical studies on predicting software maintainability using ensemble methods. Soft Computing, 2015, 19, 2511-2524.	3.6	49
12	A comparative study of fault density prediction in aspect-oriented systems using MLP, RBF, KNN, RT, DENFIS and SVR models. Artificial Intelligence Review, 2014, 42, 695-703.	15.7	24
13	A suite of metrics for quantifying historical changes to predict future changeâ€prone classes in objectâ€oriented software. Journal of Software: Evolution and Process, 2013, 25, 407-437.	1.6	39
14	Assessment of voting ensemble for estimating software development effort. , 2013, , .		14
15	Empirical taxonomy of refactoring methods for aspectâ€oriented programming. Journal of Software: Evolution and Process, 2013, 25, 1-25.	1.6	11
16	Empirical Study of Homogeneous and Heterogeneous Ensemble Models for Software Development Effort Estimation. Mathematical Problems in Engineering, 2013, 2013, 1-21.	1.1	44
17	An Ensemble of Computational Intelligence Models for Software Maintenance Effort Prediction. Lecture Notes in Computer Science, 2013, , 592-603.	1.3	11
18	A Comparative Literature Survey of Design Patterns Impact on Software Quality. , 2013, , .		23

#	Article	IF	Citations
19	An exploratory case study of aspectâ€oriented metrics for fault proneness, content and fixing effort prediction. International Journal of Quality and Reliability Management, 2013, 30, 80-96.	2.0	0
20	A Systematic Review on the Impact of CK Metrics on the Functional Correctness of Object-Oriented Classes. Lecture Notes in Computer Science, 2012, , 258-273.	1.3	9
21	Is In-Depth Object-Oriented Knowledge Necessary to Develop Quality Robustness Diagrams?. Journal of Software, 2012, 7, .	0.6	3
22	Towards measuring object-oriented class stability. IET Software, 2011, 5, 415.	2.1	14
23	Empirical comparison of three metrics suites for fault prediction in packages of object-oriented systems: A case study of Eclipse. Advances in Engineering Software, 2011, 42, 852-859.	3.8	46
24	Investigation of Aspect-Oriented Metrics for Stability Assessment: A Case Study. Journal of Software, 2011, 6, .	0.6	6
25	Investigating the Effect of Aspect-Oriented Refactoring on Software Maintainability. Communications in Computer and Information Science, 2011, , 611-623.	0.5	0
26	Exploring the Relationships between Design Metrics and Package Understandability: A Case Study. , 2010, , .		18
27	An empirical study of bagging and boosting ensembles for identifying faulty classes in object-oriented software. , 2009, , .		29
28	Improved estimation of software project effort using multiple additive regression trees. Expert Systems With Applications, 2009, 36, 10774-10778.	7.6	70
29	Application of TreeNet in Predicting Object-Oriented Software Maintainability: A Comparative Study. , 2009, , .		55
30	Predicting defect-prone software modules using support vector machines. Journal of Systems and Software, 2008, 81, 649-660.	4.5	442
31	Design Structural Stability Metrics and Post-Release Defect Density: An Empirical Study. , 2006, , .		3
32	Do Structural Design Patterns Promote Design Stability?. , 2006, , .		8
33	Evaluating collaborative software in supporting organizational learning with Bayesian Networks. , 2002, , .		0
34	A tool for measuring inheritance coupling in object-oriented systems. Information Sciences, 2002, 140, 217-227.	6.9	13
35	Investigation of metrics for object-oriented design logical stability. , 0, , .		18
36	Indicators of Structural Stability of Object-Oriented Designs: A Case Study. , 0, , .		7