Marouane Kessentini

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10549001/publications.pdf

Version: 2024-02-01

		279487	301761
61	2,090	23	39
papers	citations	h-index	g-index

61	61	61	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enabling Decision and Objective Space Exploration for Interactive Multi-Objective Refactoring. IEEE Transactions on Software Engineering, 2022, 48, 1560-1578.	4.3	4
2	On the Impact of Aesthetic Defects on the Maintainability of Mobile Graphical User Interfaces: An Empirical Study. Information Systems Frontiers, 2022, 24, 659-676.	4.1	4
3	What Refactoring Topics Do Developers Discuss? A Large Scale Empirical Study Using Stack Overflow. IEEE Access, 2022, 10, 56362-56374.	2.6	0
4	How we refactor and how we document it? On the use of supervised machine learning algorithms to classify refactoring documentation. Expert Systems With Applications, 2021, 167, 114176.	4.4	32
5	Prioritizing refactorings for security-critical code. Automated Software Engineering, 2021, 28, 1.	2.2	1
6	Intelligent Change Operators for Multi-Objective Refactoring. , 2021, , .		1
7	An Interactive and Dynamic Search-Based Approach to Software Refactoring Recommendations. IEEE Transactions on Software Engineering, 2020, 46, 932-961.	4.3	27
8	Web service design defects detection: A bi-level multi-objective approach. Information and Software Technology, 2020, 121, 106255.	3.0	8
9	On the value of quality attributes for refactoring ATL model transformations: A multi-objective approach. Information and Software Technology, 2020, 120, 106243.	3.0	6
10	Multi-objective code reviewer recommendations: balancing expertise, availability and collaborations. Automated Software Engineering, 2020, 27, 301-328.	2.2	15
11	Multi-criteria test cases selection for model transformations. Automated Software Engineering, 2020, 27, 91-118.	2.2	7
12	Recommending refactorings via commit message analysis. Information and Software Technology, 2020, 126, 106332.	3.0	14
13	On the Impact of Refactoring on the Relationship between Quality Attributes and Design Metrics. , 2019, , .		34
14	Improving web service interfaces modularity using multi-objective optimization. Automated Software Engineering, 2019, 26, 275-312.	2.2	13
15	RefBot: Intelligent Software Refactoring Bot. , 2019, , .		23
16	Less is More: From Multi-objective to Mono-objective Refactoring via Developer's Knowledge Extraction. , 2019, , .		2
17	A Hybrid Approach for Improving the Design Quality of Web Service Interfaces. ACM Transactions on Internet Technology, 2019, 19, 1-24.	3.0	10
18	Model refactoring by example: A multiâ€objective search based software engineering approach. Journal of Software: Evolution and Process, 2018, 30, e1916.	1.2	11

#	Article	IF	Citations
19	Reducing interactive refactoring effort via clustering-based multi-objective search. , 2018, , .		21
20	A robust multi-objective approach to balance severity and importance of refactoring opportunities. Empirical Software Engineering, 2017, 22, 894-927.	3.0	39
21	Multi-objective code-smells detection using good and bad design examples. Software Quality Journal, 2017, 25, 529-552.	1.4	39
22	Search-Based Web Service Antipatterns Detection. IEEE Transactions on Services Computing, 2017, 10, 603-617.	3.2	69
23	MORE: A multiâ€objective refactoring recommendation approach to introducing design patterns and fixing code smells. Journal of Software: Evolution and Process, 2017, 29, e1843.	1.2	29
24	On the Use of Smelly Examples to Detect Code Smells in JavaScript. Lecture Notes in Computer Science, 2017, , 20-34.	1.0	5
25	Search-based software library recommendation using multi-objective optimization. Information and Software Technology, 2017, 83, 55-75.	3.0	66
26	A Machine Learning-Based Approach to Detect Web Service Design Defects. , 2017, , .		12
27	A context-based refactoring recommendation approach using simulated annealing. , 2017, , .		11
28	Improving Web Services Design Quality Using Dimensionality Reduction Techniques. Lecture Notes in Computer Science, 2017, , 499-507.	1.0	1
29	Multi-Criteria Code Refactoring Using Search-Based Software Engineering. ACM Transactions on Software Engineering and Methodology, 2016, 25, 1-53.	4.8	106
30	On the use of many quality attributes for software refactoring: a many-objective search-based software engineering approach. Empirical Software Engineering, 2016, 21, 2503-2545.	3.0	63
31	On the use of design defect examples to detect model refactoring opportunities. Software Quality Journal, 2016, 24, 947-965.	1.4	30
32	Preference Incorporation in Evolutionary Multiobjective Optimization. Advances in Computers, 2015, 98, 141-207.	1.2	75
33	Many-Objective Software Remodularization Using NSGA-III. ACM Transactions on Software Engineering and Methodology, 2015, 24, 1-45.	4.8	197
34	Improving multi-objective code-smells correction using development history. Journal of Systems and Software, 2015, 105, 18-39.	3.3	59
35	Web Service Antipatterns Detection Using Genetic Programming. , 2015, , .		42
36	Prioritizing code-smells correction tasks using chemical reaction optimization. Software Quality Journal, 2015, 23, 323-361.	1.4	49

#	Article	IF	Citations
37	Recommendation system for software refactoring using innovization and interactive dynamic optimization. , 2014, , .		62
38	Software refactoring under uncertainty. , 2014, , .		7
39	Multiobjective Optimization for Software Refactoring and Evolution. Advances in Computers, 2014, 94, 103-167.	1.2	13
40	A Robust Multi-objective Approach for Software Refactoring under Uncertainty. Lecture Notes in Computer Science, 2014, , 168-183.	1.0	18
41	Code-Smell Detection as a Bilevel Problem. ACM Transactions on Software Engineering and Methodology, 2014, 24, 1-44.	4.8	64
42	Search-based metamodel matching with structural and syntactic measures. Journal of Systems and Software, 2014, 97, 1-14.	3.3	23
43	A Cooperative Parallel Search-Based Software Engineering Approach for Code-Smells Detection. IEEE Transactions on Software Engineering, 2014, 40, 841-861.	4.3	92
44	Model refactoring using examples: a searchâ€based approach. Journal of Software: Evolution and Process, 2014, 26, 692-713.	1.2	13
45	High dimensional search-based software engineering. , 2014, , .		57
46	Model Transformation Using Multiobjective Optimization. Advances in Computers, 2014, 92, 161-202.	1.2	7
47	Preference-Based Many-Objective Evolutionary Testing Generates Harder Test Cases for Autonomous Agents. Lecture Notes in Computer Science, 2013, , 245-250.	1.0	25
48	Competitive Coevolutionary Code-Smells Detection. Lecture Notes in Computer Science, 2013, , 50-65.	1.0	31
49	Model Refactoring Using Interactive Genetic Algorithm. Lecture Notes in Computer Science, 2013, , 96-110.	1.0	33
50	Preference-based multi-objective software modelling. , 2013, , .		5
51	Search-Based Refactoring Using Recorded Code Changes. , 2013, , .		39
52	Searching models, modeling search: On the synergies of SBSE and MDE. , 2013, , .		16
53	Maintainability defects detection and correction: a multi-objective approach. Automated Software Engineering, 2013, 20, 47-79.	2.2	120
54	Search-based detection of high-level model changes. , 2012, , .		30

#	Article	IF	Citations
55	Search-based refactoring: Towards semantics preservation. , 2012, , .		48
56	Search-based model transformation by example. Software and Systems Modeling, 2012, 11, 209-226.	2.2	67
57	Design Defects Detection and Correction by Example. , 2011, , .		70
58	Example-based model-transformation testing. Automated Software Engineering, 2011, 18, 199-224.	2.2	20
59	Deviance from perfection is a better criterion than closeness to evil when identifying risky code. , 2010, , .		36
60	Example-Based Sequence Diagrams to Colored Petri Nets Transformation Using Heuristic Search. Lecture Notes in Computer Science, 2010, , 156-172.	1.0	14
61	Model Transformation as an Optimization Problem. Lecture Notes in Computer Science, 2008, , 159-173.	1.0	55