

# Anthony Ventresque

## List of Publications by Year in descending order

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62  
papers

588  
citations

1163117  
8  
h-index

1125743  
13  
g-index

63  
all docs

63  
docs citations

63  
times ranked

384  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Feature Characteristics on the Performance of Feature Location Techniques. IEEE Transactions on Software Engineering, 2022, 48, 2066-2085.	5.6	7
2	On the use of commit-relevant mutants. Empirical Software Engineering, 2022, 27, .	3.9	5
3	Mutation-based analysis of queueing network performance models. Journal of Systems and Software, 2022, 191, 111385.	4.5	2
4	Re-visiting the coupling between mutants and real faults with Defects4J 2.0. , 2022, , .		0
5	The Forgotten Margins of AI Ethics. , 2022, , .		25
6	Reparation in Evolutionary Algorithms for Multi-objective Feature Selection in Large Software Product Lines. SN Computer Science, 2021, 2, 1.	3.6	2
7	Improving Mobile User Interface Testing with Model Driven Monkey Search. , 2021, , .		5
8	Achieving weight coverage for an autonomous driving system with search-based test generation (HOP) Tj ETQq0 0 0 rgBT /Oyerlock 10		
9	Learning software configuration spaces: A systematic literature review. Journal of Systems and Software, 2021, 182, 111044.	4.5	26
10	Incorporating User Preferences in Multi-objective Feature Selection in Software Product Lines Using Multi-Criteria Decision Analysis. Communications in Computer and Information Science, 2021, , 361-373.	0.5	0
11	User Perception of Text-Based Chatbot Personality. Lecture Notes in Computer Science, 2021, , 32-47.	1.3	17
12	Parameter-Based Testing and Debugging of Autonomous Driving Systems. , 2021, , .		2
13	Shake Those System Parameters! On the Need for Parameter Coverage for Decision Systems. , 2021, , .		1
14	A comparative study of multi-objective machine reassignment algorithms for data centres. Journal of Heuristics, 2020, 26, 119-150.	1.4	6
15	On the impact of timeouts and JVM crashes in Pitest. , 2020, , .		1
16	Commit-Aware Mutation Testing. , 2020, , .		9
17	MILPIBEA: Algorithm for Multi-objective Features Selection in (Evolving) Software Product Lines. Lecture Notes in Computer Science, 2020, , 164-179.	1.3	5
18	Achieving Weight Coverage for an Autonomous Driving System with Search-based Test Generation. , 2020, , .		11

#	ARTICLE	IF	CITATIONS
19	Training a Chatbot with Microsoft LUIS. , 2020, , .		4
20	Developing a conversational agent with a globally distributed team. , 2020, , .		3
21	Analysis of Urban Traffic Incidents Through Road Network Features. , 2020, , .		1
22	RONIN: a SUMO Interoperable Mesoscopic Urban Traffic Simulator. , 2020, , .		1
23	S-Capade: Spelling Correction Aimed at Particularly Deviant Errors. Lecture Notes in Computer Science, 2020, , 85-96.	1.3	1
24	Multi-Layer-Mesh: A Novel Topology and SDN-Based Path Switching for Big Data Cluster Networks. , 2019, , .		2
25	PIT-HOM: an Extension of Pitest for Higher Order Mutation Analysis. , 2019, , .		5
26	Assessing the Robustness of Conversational Agents using Paraphrases. , 2019, , .		10
27	A Mutation-Based Approach for Assessing Weight Coverage of a Path Planner. , 2019, , .		13
28	BoTest. , 2018, , .		7
29	VM reassignment in hybrid clouds for large decentralised companies: A multi-objective challenge. Future Generation Computer Systems, 2018, 79, 751-764.	7.5	32
30	Is seeding a good strategy in multi-objective feature selection when feature models evolve?. Information and Software Technology, 2018, 95, 266-280.	4.4	16
31	BigDataNetSim: A Simulator for Data and Process Placement in Large Big Data Platforms. , 2018, , .		3
32	A Hybrid Algorithm for Multi-Objective Test Case Selection. , 2018, , .		20
33	Towards a Gamified Equivalent Mutants Detection Platform. , 2017, , .		3
34	BDTest, a System to Test Big Data Frameworks. , 2017, , .		1
35	Assessing and Improving the Mutation Testing Practice of PIT. , 2017, , .		29
36	Exact and Hybrid Solutions for the Multi-Objective VM Reassignment Problem. International Journal on Artificial Intelligence Tools, 2017, 26, 1760004.	1.0	9

#	ARTICLE	IF	CITATIONS
37	Self-Balancing Decentralized Distributed Platform for Urban Traffic Simulation. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1190-1197.	8.0	15
38	MAAP Annotate: When archaeology meets augmented reality for annotation of megalithic art. , 2017, , .		5
39	Scalable Anti-KNN: Decentralized Computation of k-Furthest-Neighbor Graphs with HyFN. Lecture Notes in Computer Science, 2017, , 101-114.	1.3	0
40	PIT: a practical mutation testing tool for Java (demo). , 2016, , .		140
41	SOC: Satisfaction-Oriented Virtual Machine Consolidation in Enterprise Data Centers. International Journal of Parallel Programming, 2016, 44, 130-150.	1.5	8
42	MILP for the Multi-objective VM Reassignment Problem. , 2015, , .		14
43	Scalable correlation-aware virtual machine consolidation using two-phase clustering. , 2015, , .		8
44	Can Road Traffic Volume Information Improve Partitioning for Distributed SUMO?. Lecture Notes in Mobility, 2015, , 61-74.	0.2	2
45	Towards a Multi-objective VM Reassignment for Large Decentralised Data Centres. , 2015, , .		0
46	An Adaptive VM Provisioning Method for Large-Scale Agent-Based Traffic Simulations on the Cloud. , 2014, , .		10
47	Dynamic Adaptation of the Traffic Management System CarDemo. , 2014, , .		0
48	Global dynamic load-balancing for decentralised distributed simulation. , 2014, , .		5
49	Synchronisation for dynamic load balancing of decentralised conservative distributed simulation. , 2014, , .		4
50	A Fair Comparison of VM Placement Heuristics and a More Effective Solution. , 2014, , .		7
51	Welcome Message from the TTC Workshop Chairs. , 2014, , .		0
52	GeNePi: A Multi-Objective Machine Reassignment Algorithm for Data Centres. Lecture Notes in Computer Science, 2014, , 115-129.	1.3	14
53	Towards a Framework for Adaptive Resource Provisioning in Large-Scale Distributed Agent-Based Simulation. Lecture Notes in Computer Science, 2014, , 430-439.	1.3	0
54	ROThAr: Real-Time On-Line Traffic Assignment with Load Estimation. , 2013, , .		9

#	ARTICLE	IF	CITATIONS
55	Towards the Automatic Detection of Efficient Computing Assets in a Heterogeneous Cloud Environment. , 2013, , .		0
56	iVMp: An Interactive VM Placement Algorithm for Agile Capital Allocation. , 2013, , .		6
57	SParTSim: A Space Partitioning Guided by Road Network for Distributed Traffic Simulations. , 2012, , .		20
58	SWAT: Social Web Application for Team Recommendation. , 2012, , .		5
59	T-RecS. , 2011, , .		21
60	Impact of Expertise, Social Cohesiveness and Team Repetition for Academic Team Recommendation. Lecture Notes in Computer Science, 2011, , 296-299.	1.3	4
61	Dealing with P2P semantic heterogeneity through query expansion and interpretation. , 2008, , .		0
62	Improving Interoperability Using Query Interpretation in Semantic Vector Spaces. , 2008, , 539-553.		4