Alessandra Russo

List of Publications by Year
in descending order

129 papers	2,641 citations	257450 24 h-index	254184 43 g-index
136 all docs	136 docs citations	136 times ranked	2872 citing authors

#	Article	IF	Citations
1	Chemical composition and anticancer activity of essential oils of Mediterranean sage (Salvia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 42-47.	3.6	172
2	Free radical scavenging capacity and protective effect ofBacopa monniera L. on DNA damage. Phytotherapy Research, 2003, 17, 870-875.	5.8	140
3	Essential oils of Salvia bracteata and Salvia rubifolia from Lebanon: Chemical composition, antimicrobial activity and inhibitory effect on human melanoma cells. Journal of Ethnopharmacology, 2009, 126, 265-272.	4.1	121
4	Optimizing Resource Allocation for Virtualized Network Functions in a Cloud Center Using Genetic Algorithms. IEEE Transactions on Network and Service Management, 2017, 14, 343-356.	4.9	119
5	Making inconsistency respectable in software development. Journal of Systems and Software, 2001, 58, 171-180.	4.5	114
6	Nitric oxide-related toxicity in cultured astrocytes: effect of Bacopa monniera. Life Sciences, 2003, 73, 1517-1526.	4.3	89
7	Stress Proteins and SH-Groups in Oxidant-Induced Cellular Injury After Chronic Ethanol Administration in Rat. Free Radical Biology and Medicine, 1998, 24, 1159-1167.	2.9	87
8	Genistin inhibits UV light-induced plasmid DNA damage and cell growth in human melanoma cells. Journal of Nutritional Biochemistry, 2006, 17, 103-108.	4.2	75
9	Pannarin inhibits cell growth and induces cell death in human prostate carcinoma DU-145 cells. Anti-Cancer Drugs, 2006, 17, 1163-1169.	1.4	69
10	Antioxidant activity and antiproliferative action of methanolic extract of Geum quellyon Sweet roots in human tumor cell lines. Journal of Ethnopharmacology, 2005, 100, 323-332.	4.1	67
11	Learning operational requirements from goal models. , 2009, , .		66
12	Towards making network function virtualization a cloud computing service. , 2015, , .		65
13	Ochratoxin A-induced DNA damage in human fibroblast: protective effect of cyanidin 3-O-Î²-d-glucoside. Journal of Nutritional Biochemistry, 2005, 16, 31-37.	4.2	55
14	Expressive policy analysis with enhanced system dynamicity. , 2009, , .		54
15	The role of the phenethyl ester of caffeic acid (CAPE) in the inhibition of rat lung cyclooxygenase activity by propolis. FÃ¬toterapÃ¬Ã¢, 2002, 73, S30-S37.	2.2	52
16	Effect of propolis on human cartilage and chondrocytes. Life Sciences, 2003, 73, 1027-1035.	4.3	46
17	Inductive Learning of Answer Set Programs. Lecture Notes in Computer Science, 2014, , 311-325.	1.3	46
18	Effect of piperine, the active ingredient of black pepper, on intestinal secretion in mice. Life Sciences, 2002, 71, 2311-2317.	4.3	36

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19	Antiproliferative Activity of Pteleopsis suberosa Leaf Extract and its Flavonoid Components in Human Prostate Carcinoma Cells. Planta Medica, 2006, 72, 604-610.	1.3	34
20	Genista sessilifolia DC. and Genista tinctoria L. inhibit UV light and nitric oxide-induced DNA damage and human melanoma cell growth. Chemico-Biological Interactions, 2009, 180, 211-219.	4.0	34
21	An Abductive Approach for Analysing Event-Based Requirements Specifications. Lecture Notes in Computer Science, 2002, , 22-37.	1.3	32
22	Inductive Logic Programming in Answer Set Programming. Lecture Notes in Computer Science, 2012, , 91-97.	1.3	32
23	Using argumentation logic for firewall configuration management. , 2009, , .		31
24	Experimental results on the use of genetic algorithms for scaling virtualized network functions. , 2015, , .		31
25	Policy conflict analysis for diffserv quality of service management. IEEE Transactions on Network and Service Management, 2009, 6, 15-30.	4.9	30
26	Learning revised models for planning in adaptive systems. , 2013, , .		30
27	Methods and Tools for Policy Analysis. ACM Computing Surveys, 2019, 51, 1-35.	23.0	30
28	Hybrid Abductive Inductive Learning: A Generalisation of Progol. Lecture Notes in Computer Science, 2003, , 311-328.	1.3	28
29	Improved antioxidant effect of idebenone-loaded polyethyl-2-cyanoacrylate nanocapsules tested on human fibroblasts. Pharmaceutical Research, 2002, 19, 71-78.	3.5	26
30	The complexity and generality of learning answer set programs. Artificial Intelligence, 2018, 259, 110-146.	5.8	26
31	Glutamine synthetase activity and HSP70 levels in cultured rat astrocytes: effect of 1-octadecyl-2-methyl-rac-glycero-3-phosphocholine. Brain Research, 1998, 783, 143-150.	2.2	24
32	Iterative Learning of Answer Set Programs from Context Dependent Examples. Theory and Practice of Logic Programming, 2016, 16, 834-848.	1.5	23
33	SAGE: A Logical Agent-Based Environment Monitoring and Control System. Lecture Notes in Computer Science, 2009, , 112-117.	1.3	23
34	Elaborating Requirements Using Model Checking and Inductive Learning. IEEE Transactions on Software Engineering, 2013, 39, 361-383.	5.6	22
35	Policy refinement for IP differentiated services Quality of Service management. IEEE Transactions on Network and Service Management, 2006, 3, 2-13.	4.9	21
36	Generating obstacle conditions for requirements completeness. , 2012, , .		21

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37	Privacy dynamics. , 2016, , .		21
38	Learning Stochastic Models of Information Flow. , 2012, , .		20
39	A new jasmonic acid stereoisomeric derivative induces apoptosis via reactive oxygen species in human prostate cancer cells. Cancer Letters, 2012, 326, 199-205.	7.2	20
40	Psoralea glandulosa as a Potential Source of Anticancer Agents for Melanoma Treatment. International Journal of Molecular Sciences, 2015, 16, 7944-7959.	4.1	20
41	Normative design using inductive learning. Theory and Practice of Logic Programming, 2011, 11, 783-799.	1.5	18
42	Phytochemical Profile and Apoptotic Activity of Onopordum cynarocephalum. Planta Medica, 2012, 78, 1651-1660.	1.3	18
43	Antioxidant and Anti-Proliferative Activity of Essential Oil and Main Components from Leaves of Aloysia polystachya Harvested in Central Chile. Molecules, 2021, 26, 131.	3.8	18
44	Boldo prevents UV light and nitric oxide-mediated plasmid DNA damage and reduces the expression of Hsp70 protein in melanoma cancer cells. Journal of Pharmacy and Pharmacology, 2011, 63, 1219-1229.	2.4	16
45	Detecting distributed signature-based intrusion: The case of multi-path routing attacks. , 2015, , .		16
46	Representing and Learning Grammars in Answer Set Programming. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2919-2928.	4.9	16
47	DARE: a system for distributed abductive reasoning. Autonomous Agents and Multi-Agent Systems, 2008, 16, 271-297.	2.1	15
48	Learning weak constraints in answer set programming. Theory and Practice of Logic Programming, 2015, 15, 511-525.	1.5	15
49	Biological effects of tiagabine on primary cortical astrocyte cultures of rat. Neuroscience Letters, 2000, 288, 49-52.	2.1	14
50	BELIEF REVISION IN NON-CLASSICAL LOGICS. Review of Symbolic Logic, 2008, 1, 267-304.	0.7	14
51	Automated support for diagnosis and repair. Communications of the ACM, 2015, 58, 65-72.	4.5	14
52	Integration of flow studies for robust selection of mechanoresponsive genes. Thrombosis and Haemostasis, 2016, 115, 474-483.	3.4	14
53	Learning Rules from User Behaviour. IFIP Advances in Information and Communication Technology, 2009, , 459-468.	0.7	14
54	Polisma - A Framework for Learning Attribute-Based Access Control Policies. Lecture Notes in Computer Science, 2020, , 523-544.	1.3	14

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55	Non‑Phenolic Dicinnamamides from <i>Pholiota Spumosa</i>: Isolation, Synthesis and Antitumour Activity. European Journal of Organic Chemistry, 2007, 2007, 5551-5559.	2.4	13
56	Effect of litreol on the viability of human cancer cells. Chemico-Biological Interactions, 2009, 179, 178-184.	4.0	13
57	Grafting Modalities onto Substructural Implication Systems. Studia Logica, 1997, 59, 65-102.	0.6	12
58	ET‑18‑OCH3‑induced cytotoxicity and DNA damage in rat astrocytes. International Journal of Developmental Neuroscience, 2000, 18, 545-555.	1.6	12
59	Supporting incremental behaviour model elaboration. Computer Science - Research and Development, 2013, 28, 279-293.	2.7	12
60	Learning to recognise disruptive smartphone notifications. , 2014, , .		12
61	Probabilistic Rule Learning in Nonmonotonic Domains. Lecture Notes in Computer Science, 2011, , 243-258.	1.3	12
62	Induction and Exploitation of Subgoal Automata for Reinforcement Learning. Journal of Artificial Intelligence Research, 0, 70, 1031-1116.	7.0	11
63	Learning Through Hypothesis Refinement Using Answer Set Programming. Lecture Notes in Computer Science, 2014, , 31-46.	1.3	11
64	Revision, Acceptability and Context. Cognitive Technologies, 2010, , .	0.8	10
65	Learning from Vacuously Satisfiable Scenario-Based Specifications. Lecture Notes in Computer Science, 2012, , 377-393.	1.3	10
66	Decomposition techniques for policy refinement. , 2010, , .		9
67	A declarative approach to distributed computing: Specification, execution and analysis. Theory and Practice of Logic Programming, 2013, 13, 815-830.	1.5	9
68	Community-based self generation of policies and processes for assets: Concepts and research directions. , 2017, , .		9
69	Logic-Based Learning of Answer Set Programs. Lecture Notes in Computer Science, 2019, , 196-231.	1.3	9
70	Foundations of Logic-Based Trust Management. , 2012, , .		8
71	An Approach for Collective Adaptation in Socio-Technical Systems. , 2015, , .		8
72	Risk-driven revision of requirements models. , 2016, , .		8

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73	Extracting Requirements from Scenarios with ILP. Lecture Notes in Computer Science, 2006, , 64-78.	1.3	8
74	Biochemical modifications in Pinus pinaster Ait. as a result of environmental pollution. Environmental Science and Pollution Research, 2012, 19, 3850-3858.	5.3	7
75	A Generative Policy Model for Connected and Autonomous Vehicles. , 2019, , .		7
76	AGENP: An ASGrammar-based GENerative Policy Framework. Lecture Notes in Computer Science, 2019, , 3-20.	1.3	7
77	Reasoning About Requirements Evolution Using Clustered Belief Revision. Lecture Notes in Computer Science, 2004, , 41-51.	1.3	6
78	New stereoisomeric derivatives of jasmonic acid generated by biotransformation with the fungus Gibberella fujikuroi affect the viability of human cancer cells. Electronic Journal of Biotechnology, 2011, 14, .	2.2	5
79	ASIA: Automated Social Identity Assessment using linguistic style. Behavior Research Methods, 2021, 53, 1762-1781.	4.0	5
80	Revising Process Models through Inductive Learning. Lecture Notes in Business Information Processing, 2011, , 182-193.	1.0	5
81	Refinement of History-Based Policies. Lecture Notes in Computer Science, 2011, , 280-299.	1.3	5
82	Handling Change in Normative Specifications. Lecture Notes in Computer Science, 2013, , 1-19.	1.3	5
83	Deriving Non-zeno Behavior Models from Goal Models Using ILP. , 2008, , 1-15.		4
84	Probabilistic abductive logic programming using Dirichlet priors. International Journal of Approximate Reasoning, 2016, 78, 223-240.	3.3	4
85	Learning to share: Engineering adaptive decision-support for online social networks. , 2017, , .		4
86	Carveoylphenols and Their Antifungal Potential against Pathogenic Yeasts. Antibiotics, 2019, 8, 185.	3.7	4
87	Security policy refinement using data integration. , 2009, , .		4
88	Inferring operational requirements from scenarios and goal models using inductive learning. , 2006, , .		3
89	Declarative Framework for Specification, Simulation and Analysis of Distributed Applications. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1489-1502.	5.7	3
90	Inductive Learning Using Constraint-Driven Bias. Lecture Notes in Computer Science, 2015, , 16-32.	1.3	3

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91	Distributed Abductive Reasoning with Constraints. Lecture Notes in Computer Science, 2011, , 148-166.	1.3	3
92	Norm Refinement and Design through Inductive Learning. Lecture Notes in Computer Science, 2011, , 77-94.	1.3	3
93	Declarative Distributed Computing. Lecture Notes in Computer Science, 2012, , 454-470.	1.3	3
94	Belief Revision. , 2011, , 1-114.		3
95	Detect, Understand, Act: A Neuro-symbolic Hierarchical Reinforcement Learning Framework. Machine Learning, 2022, 111, 1523-1549.	5.4	3
96	Speculative constraint processing for hierarchical agents. AI Communications, 2010, 23, 373-388.	1.2	2
97	When did your smartphone bother you last?. , 2014, , .		2
98	Using an ASG Based Generative Policy to Model Human Rules. , 2019, , .		2
99	Generative Policies for Coalition Systems - A Symbolic Learning Framework. , 2019, , .		2
100	Integrating Model Checking and Inductive Logic Programming. Lecture Notes in Computer Science, 2012, , 45-60.	1.3	2
101	Generalised Kernel Sets for Inverse Entailment. Lecture Notes in Computer Science, 2004, , 165-179.	1.3	1
102	Computational alignment of goals and scenarios for complex systems. , 2013, , .		1
103	Learning User Behaviours in Real Mobile Domains. , 2014, , 43-51.		1
104	Logic-based learning in software engineering. , 2016, , .		1
105	Towards a Neural-Symbolic Generative Policy Model. , 2019, , .		1
106	On Minimality and Integrity Constraints in Probabilistic Abduction. Lecture Notes in Computer Science, 2013, , 759-775.	1.3	1
107	Policy Technologies for Security Management in Coalition Networks. , 0, , 146-173.		1
108	Iterating Revision. Cognitive Technologies, 2010, , 105-137.	0.8	1

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109	On the Implementation of Speculative Constraint Processing. Lecture Notes in Computer Science, 2010, , 178-195.	1.3	1
110	Policy based ensembles for multi domain operations. , 2020, , .		1
111	Towards Learning Privacy Policies. , 2007, , .		0
112	Preface to the special issue on inductive logic programming. Machine Learning, 2018, 107, 1095-1096.	5.4	0
113	A Comparison Between Statistical and Symbolic Learning Approaches for Generative Policy Models. , 2019, , .		0
114	Model-based software quality assurance tools and techniques presented at FASE 2018. International Journal on Software Tools for Technology Transfer, 2020, 22, 1-2.	1.9	0
115	Introduction to the 36th International Conference on Logic Programming Special Issue I. Theory and Practice of Logic Programming, 2020, 20, 587-592.	1.5	0
116	Introduction to the 36th International Conference on Logic Programming Special Issue II. Theory and Practice of Logic Programming, 2020, 20, 815-817.	1.5	0
117	Object-Level Deletion. Cognitive Technologies, 2010, , 271-358.	0.8	0
118	Stepwise Revision Operations. Cognitive Technologies, 2010, , 55-103.	0.8	0
119	Revision by Translation. Cognitive Technologies, 2010, , 223-270.	0.8	0
120	Algorithmic Context Revision. Cognitive Technologies, 2010, , 177-222.	0.8	0
121	Introducing Revision Theory. Cognitive Technologies, 2010, , 13-54.	0.8	0
122	Structured Revision: Non-linear Methods for Information Change. Cognitive Technologies, 2010, , 139-176.	0.8	0
123	Conclusions and Discussions. Cognitive Technologies, 2010, , 359-375.	0.8	0
124	Background and Overview. Cognitive Technologies, 2010, , 1-12.	0.8	0
125	Integrating Privacy and Safety Criteria into Planning Tasks. Lecture Notes in Computer Science, 2015, , 20-36.	1.3	0
126	Collaborative Explanation and Response in Assisted Living Environments Enhanced with Humanoid Robots. , 2016, , .		0

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127	Policy Technologies for Security Management in Coalition Networks. , 0, , 750-776.		0
128	Towards Neural-Symbolic Learning to support Human-Agent Operations. , 2021, , .		0
129	Online Symbolic Learning of Policies for Explainable Security. , 2021, , .		0