Nicole Novielli

List of Publications by Year
in descending order

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64 papers	1,568 citations	687363 13 h-index	526287 27 g-index
66 all docs	66 docs citations	66 times ranked	892 citing authors

#	Article	IF	Citations
1	Emotions and Perceived Productivity of Software Developers at the Workplace. IEEE Transactions on Software Engineering, 2022, 48, 3326-3341.	5.6	21
2	GitHub Discussions: An exploratory study of early adoption. Empirical Software Engineering, 2022, 27, .	3.9	13
3	Opinion Mining for Software Development: A Systematic Literature Review. ACM Transactions on Software Engineering and Methodology, 2022, 31, 1-41.	6.0	22
4	Sentiment Polarity Classification at EVALITA: Lessons Learned and Open Challenges. IEEE Transactions on Affective Computing, 2021, 12, 466-478.	8.3	10
5	A Virtual Mentor to Support Question-Writing on Stack Overflow. , 2021, , .		1
6	Waiting around or job half-done? Sentiment in self-admitted technical debt. , 2021, , .		13
7	Assessment of off-the-shelf SE-specific sentiment analysis tools: An extended replication study. Empirical Software Engineering, 2021, 26, 1.	3.9	12
8	An exploratory study on confusion in code reviews. Empirical Software Engineering, 2021, 26, 1.	3.9	23
9	Pandemic programming. Empirical Software Engineering, 2020, 25, 4927-4961.	3.9	144
10	Love, Joy, Anger, Sadness, Fear, and Surprise: SE Needs Special Kinds of AI: A Case Study on Text Mining and SE. IEEE Software, 2020, 37, 86-91.	1.8	7
11	Recognizing developers' emotions while programming. , 2020, , .		30
12	Can We Use SE-specific Sentiment Analysis Tools in a Cross-Platform Setting?. , 2020, , .		24
13	An empirical assessment of best-answer prediction models in technical Q&A sites. Empirical Software Engineering, 2019, 24, 854-901.	3.9	20
14	Sentiment and Emotion in Software Engineering. IEEE Software, 2019, 36, 6-23.	1.8	28
15	EMTk - The Emotion Mining Toolkit. , 2019, , .		8
16	Confusion in Code Reviews: Reasons, Impacts, and Coping Strategies. , 2019, , .		50
17	Towards Recognizing the Emotions of Developers Using Biometrics: The Design of a Field Study. , 2019, , .		9
18	Sentiment Polarity Detection for Software Development. Empirical Software Engineering, 2018, 23, 1352-1382.	3.9	154

#	Article	IF	Citations
19	How to ask for technical help? Evidence-based guidelines for writing questions on Stack Overflow. Information and Software Technology, 2018, 94, 186-207.	4.4	79
20	Sentiment polarity detection for software development. , 2018, , .		7
21	Communicative Intention in Code Review Questions. , 2018, , .		18
22	A gold standard for emotion annotation in stack overflow. , 2018, , .		35
23	Sensing developers' emotions. , 2018, , .		6
24	A benchmark study on sentiment analysis for software engineering research. , 2018, , .		63
25	Mining Communication Data in a Music Community: A Preliminary Analysis. Lecture Notes in Computer Science, 2018, , 241-251.	1.3	1
26	Sentiment Analysis of Microblogging Data. , 2018, , 2409-2425.		3
27	A Preliminary Analysis on the Effects of Propensity to Trust in Distributed Software Development. , 2017, , .		26
28	Anger and Its Direction in Collaborative Software Development. , 2017, , .		56
29	Confusion Detection in Code Reviews. , 2017, , .		23
30	Emotion detection using noninvasive low cost sensors. , 2017, , .		54
31	EmoTxt: A toolkit for emotion recognition from text. , 2017, , .		68
32	Bootstrapping a Lexicon for Emotional Arousal in Software Engineering. , 2017, , .		26
33	Sentiment Analysis of Microblogging Data. , 2017, , 1-17.		3
34	Moving to Stack Overflow. , 2016, , .		16
35	The EmoQuest Project. , 2016, , .		0
36	Overview of the Evalita 2016 SENTIment POLarity Classification Task. , 2016, , 146-155.		25

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37	The challenges of sentiment detection in the social programmer ecosystem. , 2015, , .		78
38	Mining Successful Answers in Stack Overflow. , 2015, , .		36
39	The role of social media in affective trust building in customerâ€“supplier relationships. Electronic Commerce Research, 2015, 15, 453-482.	5.0	49
40	UNIBA: Sentiment Analysis of English Tweets Combining Micro-blogging, Lexicon and Semantic Features. , 2015, , .		7
41	Deep Tweets: from Entity Linking to Sentiment Analysis. , 2015, , 41-46.		6
42	Towards discovering the role of emotions in stack overflow. , 2014, , .		63
43	Recognizing signals of social attitude in interacting with Ambient Conversational Systems. Journal on Multimodal User Interfaces, 2014, 8, 43-60.	2.9	5
44	Social Network Analysis for Global Software Engineering: Exploring Developer Relationships from a Fine-Grained Perspective. , 2013, , .		4
45	A Preliminary Investigation of the Effect of Social Media on Affective Trust in Customer-Supplier Relationships. , 2013, , .		2
46	The Role of Affect Analysis in Dialogue Act Identification. IEEE Transactions on Affective Computing, 2013, 4, 439-451.	8.3	14
47	User Modeling in Social Interaction with a Caring Agent. Human-computer Interaction Series, 2013, , 89-116.	0.6	5
48	Towards a Model for Recognising the Social Attitude in Natural Interaction with Embodied Agents. , 2012, , .		2
49	Analysing userâ€™s reactions in advice-giving dialogues with a socially intelligent ECA. Cognitive Processing, 2012, 13, 487-497.	1.4	9
50	Recognizing the User Social Attitude in Multimodal Interaction in Smart Environments. Lecture Notes in Computer Science, 2012, , 240-255.	1.3	0
51	Dialogue Act Classification Exploiting Lexical Semantics. , 2011, , 80-106.		4
52	HMM modeling of user engagement in advice-giving dialogues. Journal on Multimodal User Interfaces, 2010, 3, 131-140.	2.9	9
53	Social robots and ECAs for accessing smart environments services. , 2010, , .		11
54	User attitude towards an embodied conversational agent: Effects of the interaction mode. Journal of Pragmatics, 2010, 42, 2385-2397.	1.5	46

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55	Enhancing Conversational Access to Information through a Socially Intelligent Agent. Studies in Computational Intelligence, 2010, , 1-20.	0.9	0
56	Generating comparative descriptions of places of interest in the tourism domain. , 2009, , .		10
57	Towards unsupervised recognition of dialogue acts. , 2009, , .		3
58	NICA: Natural Interaction with a Caring Agent. Lecture Notes in Computer Science, 2009, , 159-163.	1.3	2
59	Cognitive Emotion Modeling in Natural Language Communication. , 2009, , 23-44.		7
60	â€˜O Francesca, ma che sei grulla?â€™ Emotions and Irony in Persuasion Dialogues. Lecture Notes in Computer Science, 2007, , 602-613.	1.3	3
61	â€™You are Sooo Cool, Valentina!â€™ Recognizing Social Attitude in Speech-Based Dialogues with an ECA. Lecture Notes in Computer Science, 2007, , 179-190.	1.3	15
62	Social Attitude Towards A Conversational Character. , 2006, , .		12
63	User modeling and adaptation in health promotion dialogs with an animated character. Journal of Biomedical Informatics, 2006, 39, 514-531.	4.3	50
64	Dynamic User Modeling in Health Promotion Dialogs. Lecture Notes in Computer Science, 2005, , 723-730.	1.3	6