Derek Greene

List of Publications by Year
in descending order

61 papers	2,599 citations	623574 14 h-index	345118 36 g-index
67 all docs	67 docs citations	67 times ranked	2679 citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking the Evolution of Communities in Dynamic Social Networks. , 2010, , .		334
2	Practical solutions to the problem of diagonal dominance in kernel document clustering. , 2006, , .		306
3	An analysis of the coherence of descriptors in topic modeling. Expert Systems With Applications, 2015, 42, 5645-5657.	4.4	213
4	Hierarchical Modularity and the Evolution of Genetic Interactomes across Species. Molecular Cell, 2012, 46, 691-704.	4.5	185
5	SMS spam filtering: Methods and data. Expert Systems With Applications, 2012, 39, 9899-9908.	4.4	154
6	A Matrix Factorization Approach for Integrating Multiple Data Views. Lecture Notes in Computer Science, 2009, , 423-438.	1.0	126
7	Distortion as a validation criterion in the identification of suspicious reviews. , 2010, , .		108
8	Exploring the Political Agenda of the EuropeanÂParliament Using a Dynamic TopicÂModeling Approach. Political Analysis, 2017, 25, 77-94.	2.8	102
9	Down the (White) Rabbit Hole: The Extreme Right and Online Recommender Systems. Social Science Computer Review, 2015, 33, 459-478.	2.6	101
10	Unsupervised graph-based topic labelling using dbpedia. , 2013, , .		94
11	How Many Topics? Stability Analysis for Topic Models. Lecture Notes in Computer Science, 2014, , 498-513.	1.0	89
12	Ensemble non-negative matrix factorization methods for clustering proteinâ€"protein interactions. Bioinformatics, 2008, 24, 1722-1728.	1.8	79
13	Producing a unified graph representation from multiple social network views. , 2013, , .		72
14	Online social media in the Syria conflict: Encompassing the extremes and the in-betweens. , 2014, , .		70
15	Stability of topic modeling via matrix factorization. Expert Systems With Applications, 2018, 91, 159-169.	4.4	56
16	Unsupervised Learning and Clustering. , 2008, , 51-90.		43
17	Merging multiple criteria to identify suspicious reviews. , 2010, , .		39
18	Constraint Selection by Committee: An Ensemble Approach to Identifying Informative Constraints for Semi-supervised Clustering. Lecture Notes in Computer Science, 2007, , 140-151.	1.0	31

#	Article	IF	Citations
19	ThemeCrowds. , 2011, , .		29
20	Mitigating Gender Bias in Machine Learning Data Sets. Communications in Computer and Information Science, 2020, , 12-26.	0.4	27
21	Unveiling the Political Agenda of the European Parliament Plenary. , 2015, , .		23
22	Missing value imputation for epistatic MAPs. BMC Bioinformatics, 2010, 11, 197.	1.2	20
23	Uncovering the wider structure of extreme right communities spanning popular online networks. , 2013, , .		19
24	Talk is not cheap: Policy agendas, information processing, and the unusually proportional nature of European Central Bank communications policy responses. Governance, 2020, 33, 425-444.	1.5	18
25	An Analysis of Interactions within and between Extreme Right Communities in Social Media. Lecture Notes in Computer Science, 2013, , 88-107.	1.0	17
26	EVE: explainable vector based embedding technique using Wikipedia. Journal of Intelligent Information Systems, 2019, 53, 137-165.	2.8	16
27	Collaboration in the time of COVID: a scientometric analysis of multidisciplinary SARS-CoV-2 research. Humanities and Social Sciences Communications, 2021, 8, .	1.3	15
28	Deriving Insights from National Happiness Indices. , 2011, , .		14
29	Analyzing Discourse Communities with Distributional Semantic Models. , 2015, , .		14
30	Hybrid media and populist currents in Ireland's 2016 General Election. European Journal of Communication, 2018, 33, 396-412.	1.1	14
31	Aggregating content and network information to curate twitter user lists. , 2012, , .		13
32	An Analysis of Research Themes in the CBR Conference Literature. Lecture Notes in Computer Science, 2008, , 18-43.	1.0	13
33	Spreading the news. , 2016, , .		11
34	Partitioning large networks without breaking communities. Knowledge and Information Systems, 2010, 25, 345-369.	2.1	10
35	The Sense and Sensibility of Different Sliding Windows in Constructing Co-occurrence Networks from Literature. IFIP Advances in Information and Communication Technology, 2016, , 65-77.	0.5	10
36	Ensemble topic modeling using weighted term co-associations. Expert Systems With Applications, 2020, 161, 113709.	4.4	10

#	ARTICLE	IF	CITATIONS
37	Exploring the Role of Gender in 19th Century Fiction Through the Lens of Word Embeddings. Lecture Notes in Computer Science, 2017, , 358-364.	1.0	8
38	Discovering structure in social networks of 19th century fiction. , 2016, , .		7
39	An Analysis of Current Trends in CBR Research Using Multi-View Clustering. AI Magazine, 2010, 31, 45.	1.4	6
40	Genome-wide epistatic expression quantitative trait loci discovery in four human tissues reveals the importance of local chromosomal interactions governing gene expression. BMC Genomics, 2015, 16, 109.	1.2	5
41	Post-hoc Explanation Options for XAI in Deep Learning: The Insight Centre for Data Analytics Perspective. Lecture Notes in Computer Science, 2021, , 20-34.	1.0	5
42	Imputing and Predicting Quantitative Genetic Interactions in Epistatic MAPs. Methods in Molecular Biology, 2011, 781, 353-361.	0.4	4
43	Curatr: A Platform for Semantic Analysis and Curation of Historical Literary Texts. Communications in Computer and Information Science, 2019, , 354-366.	0.4	4
44	Bone segmentation in contrast enhanced whole-body computed tomography. Biomedical Physics and Engineering Express, 2022, 8, 055010.	0.6	4
45	Improved functional overview of protein complexes using inferred epistatic relationships. BMC Systems Biology, 2011, 5, 80.	3.0	3
46	Overview of the Causality-driven Adhoc Information Retrieval (CAIR) task at FIRE-2020. , 2020, , .		3
47	A system for twitter user list curation. , 2012, , .		2
48	Active semi-supervised overlapping community finding with pairwise constraints. Applied Network Science, 2019, 4, .	0.8	2
49	Semi-automatic Bone Marrow Evaluation in PETCT for Multiple Myeloma. Communications in Computer and Information Science, 2017, , 342-351.	0.4	2
50	Efficient Prediction-Based Validation for Document Clustering. Lecture Notes in Computer Science, 2006, , 663-670.	1.0	2
51	Parallel integration of heterogeneous genome-wide data sources. , 2008, , .		1
52	Semi-supervised Overlapping Community Finding Based on Label Propagation with Pairwise Constraints. Studies in Computational Intelligence, 2019, , 316-327.	0.7	1
53	TwitterCracy: Exploratory Monitoring of Twitter Streams for the 2016 U.S. Presidential Election Cycle. Lecture Notes in Computer Science, 2016, , 71-75.	1.0	0
54	Introduction to the special issue for the ECML PKDD 2018 journal track. Data Mining and Knowledge Discovery, 2018, 32, 1177-1178.	2.4	0

#	Article	IF	Citations
55	Guest editors introduction to the special issue for the ECML PKDD 2018 journal track. Machine Learning, 2018, 107, 1207-1208.	3.4	0
56	Overlapping community finding with noisy pairwise constraints. Applied Network Science, 2020, 5, 98.	0.8	0
57	A Machine Learning System for Tracking Sentiment in Irish Economic News. Lecture Notes in Computer Science, 2010, , 285-286.	1.0	0
58	Kanopy: Analysing the Semantic Network around Document Topics. Lecture Notes in Computer Science, 2013, , 677-680.	1.0	0
59	Weak Supervision for Semi-supervised Topic Modeling via Word Embeddings. Lecture Notes in Computer Science, 2017, , 150-155.	1.0	0
60	TweetCric: A Twitter-Based Accountability Mechanism for Cricket. Lecture Notes in Computer Science, 2017, , 559-563.	1.0	0
61	Overview of the Causality-driven Adhoc Information Retrieval (CAIR) task at FIRE-2021. , 2021, , .		0