

Donald J Patterson

List of Publications by Year in descending order

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37
papers

3,583
citations

687363
13
h-index

794594
19
g-index

39
all docs

39
docs citations

39
times ranked

3140
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum Phosphate Levels and Mortality Risk among People with Chronic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2005, 16, 520-528.	6.1	1,056
2	Inferring Activities from Interactions with Objects. IEEE Pervasive Computing, 2004, 3, 50-57.	1.3	689
3	Learning and inferring transportation routines. Artificial Intelligence, 2007, 171, 311-331.	5.8	480
4	Efficiently Scaling up Crowdsourced Video Annotation. International Journal of Computer Vision, 2013, 101, 184-204.	15.6	380
5	Inferring High-Level Behavior from Low-Level Sensors. Lecture Notes in Computer Science, 2003, , 73-89.	1.3	267
6	Mining models of human activities from the web. , 2004, , .		122
7	Opportunity Knocks: A System to Provide Cognitive Assistance with Transportation Services. Lecture Notes in Computer Science, 2004, , 433-450.	1.3	99
8	Computing within limits. Communications of the ACM, 2018, 61, 86-93.	4.5	78
9	Building Personal Maps from GPS Data. Annals of the New York Academy of Sciences, 2006, 1093, 249-265.	3.8	69
10	Collapse informatics and practice. ACM Transactions on Computer-Human Interaction, 2013, 20, 1-26.	5.7	69
11	Auto-Walksat: A Self-Tuning Implementation of Walksat. Electronic Notes in Discrete Mathematics, 2001, 9, 360-368.	0.4	26
12	CHI 2039. , 2014, , .		25
13	PRE-mRNA SECONDARY STRUCTURE PREDICTION AIDS SPLICE SITE PREDICTION. , 2001, , .		22
14	Supporting the transition from hospital to home for premature infants using integrated mobile computing and sensor support. Personal and Ubiquitous Computing, 2011, 15, 871-885.	2.8	22
15	Computational Agroecology. , 2016, , .		18
16	Involuntary gesture recognition for predicting cerebral palsy in high-risk infants. , 2010, , .		17
17	Analyzing the sustainability of 28 “Blockchain for Good”™ projects via affordances and constraints. Information Technology for Development, 2021, 27, 439-469.	4.8	17
18	Augmenting gesture recognition with erlang-cox models to identify neurological disorders in premature babies. , 2012, , .		15

#	ARTICLE	IF	CITATIONS
19	Online everywhere. , 2008, , .		14
20	An Ecosystem for Learning and Using Sensor-Driven IM Status Messages. IEEE Pervasive Computing, 2009, 8, 42-49.	1.3	14
21	Nomatic: Location By, For, and Of Crowds. Lecture Notes in Computer Science, 2006, , 186-203.	1.3	13
22	Haitian resiliency: A case study in intermittent infrastructure. First Monday, 0, , .	0.6	12
23	What if sustainability doesn't work out?. Interactions, 2012, 19, 50-55.	1.0	11
24	Toward Alternative Decentralized Infrastructures. , 2015, , .		11
25	Informing and performing: investigating how mediated sociality becomes visible. Personal and Ubiquitous Computing, 2012, 16, 1095-1117.	2.8	10
26	Detecting cooking state with gas sensors during dry cooking. , 2013, , .		6
27	A report from an online course on global disruption and information technology. , 2016, , .		5
28	Status on Display: a Field Trial of Nomatic*Viz. , 2009, , 303-322.		3
29	Twitter, Sensors and UI: Robust Context Modeling for Interruption Management. Lecture Notes in Computer Science, 2010, , 123-134.	1.3	3
30	Informatics at UC Irvine. , 2008, , .		2
31	Sensor Data Streams. , 2014, , 291-321.		2
32	NomaticBubbles. , 2008, , .		1
33	Interactive and intelligent visual communication systems. , 2008, , .		1
34	Constructing Topological Maps of Displays with 3-D Positioning Information. Lecture Notes in Computer Science, 2009, , 49-54.	1.3	1
35	Interchange: Bidding for green lights. , 2013, , .		0
36	Cacophony: Building a resilient Internet of things. First Monday, 2015, , .	0.6	0

#	ARTICLE	IF	CITATIONS
37	Teaching global disruption and information technology online. Interactions, 2016, 23, 40-43.	1.0	0