

# George Roussos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6063988/publications.pdf>

Version: 2024-02-01

85  
papers

1,474  
citations

393982

19  
h-index

377514

34  
g-index

102  
all docs

102  
docs citations

102  
times ranked

1594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Looking ahead in pervasive computing: Challenges and opportunities in the era of cyber-physical convergence. <i>Pervasive and Mobile Computing</i> , 2012, 8, 2-21.	2.1	239
2	rfid in pervasive computing: State-of-the-art and outlook. <i>Pervasive and Mobile Computing</i> , 2009, 5, 110-131.	2.1	100
3	Internet of Things for enabling smart environments: A technology-centric perspective. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2019, 11, 23-43.	0.8	95
4	Towards a framework for investigating tangible environments for learning. <i>International Journal of Arts and Technology</i> , 2008, 1, 351.	0.1	60
5	Ubiquitous computing in the real world: lessons learnt from large scale RFID deployments. <i>Personal and Ubiquitous Computing</i> , 2007, 11, 507-521.	1.9	56
6	Developing a Tool for Remote Digital Assessment of Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 59-64.	0.8	55
7	Mobile Identity Management: An Enacted View. <i>International Journal of Electronic Commerce</i> , 2003, 8, 81-100.	1.4	51
8	Adaptive time slotted channel hopping for wireless sensor networks. , 2012, , .		48
9	Consumer perceptions of privacy, security and trust in ubiquitous commerce. <i>Personal and Ubiquitous Computing</i> , 2004, 8, 416-429.	1.9	45
10	Brief encounters. <i>ACM Transactions on Computer-Human Interaction</i> , 2010, 17, 1-38.	4.6	43
11	Precompetitive Consensus Building to Facilitate the Use of Digital Health Technologies to Support Parkinson Disease Drug Development through Regulatory Science. <i>Digital Biomarkers</i> , 2021, 4, 28-49.	2.2	43
12	Planetary-Scale RFID Services in an Age of Ubervveillance. <i>Proceedings of the IEEE</i> , 2010, 98, 1663-1671.	16.4	41
13	A case study in pervasive retail. , 2002, , .		35
14	Fostering geospatial thinking in science education through a customisable smartphone application. <i>British Journal of Educational Technology</i> , 2014, 45, 160-170.	3.9	35
15	The effect of representation location on interaction in a tangible learning environment. , 2009, , .		33
16	Escalation: Complex Event Detection in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2007, , 270-285.	1.0	32
17	Open source smartphone libraries for computational social science. , 2013, , .		31
18	What is RFID. <i>Computer Communications and Networks</i> , 2008, , 1-9.	0.8	25

#	ARTICLE	IF	CITATIONS
19	Examining the Effect of Visitor Motivation on Observed Visit Strategies Using Mobile Computer Technologies. <i>Visitor Studies</i> , 2013, 16, 21-38.	0.6	24
20	Rapid evaluation of radial basis functions. <i>Journal of Computational and Applied Mathematics</i> , 2005, 180, 51-70.	1.1	23
21	RFID Meets the Internet. <i>IEEE Internet Computing</i> , 2009, 13, 11-13.	3.2	22
22	A New Error Estimate of the Fast Gauss Transform. <i>SIAM Journal of Scientific Computing</i> , 2002, 24, 257-259.	1.3	21
23	Designing appliances for mobile commerce and retailtainment. <i>Personal and Ubiquitous Computing</i> , 2003, 7, 203-209.	1.9	21
24	Urban Social Tapestries. <i>IEEE Pervasive Computing</i> , 2008, 7, 44-51.	1.1	20
25	The CloudUPDRS smartphone software in Parkinson's study: cross-validation against blinded human raters. <i>Npj Parkinson's Disease</i> , 2020, 6, 36.	2.5	18
26	Systems architecture for pervasive retail. , 2003, , .		14
27	Ethics in AI and Autonomous System Applications Design. <i>IEEE Transactions on Technology and Society</i> , 2020, 1, 114-127.	2.4	13
28	Adaptive Communication Techniques for the Internet of Things. <i>Journal of Sensor and Actuator Networks</i> , 2013, 2, 122-155.	2.3	12
29	Manufacturing Consent: The Modern Pandemic of Technosolutionism. <i>IEEE Transactions on Technology and Society</i> , 2020, 1, 68-72.	2.4	11
30	A stochastic evolutionary growth model for social networks. <i>Computer Networks</i> , 2007, 51, 4586-4595.	3.2	10
31	Complex Event Detection in Extremely Resource-Constrained Wireless Sensor Networks. <i>Mobile Networks and Applications</i> , 2011, 16, 194-213.	2.2	9
32	Conducting Visitor Studies Using Smartphone-Based Location Sensing. <i>Journal on Computing and Cultural Heritage</i> , 2015, 8, 1-16.	1.2	9
33	Health and lifestyle management via interactive TV in patients with severe chronic cardiovascular diseases. <i>Journal of Telemedicine and Telecare</i> , 2006, 12, 17-19.	1.4	8
34	Modeling Metropolitan-Area Ambulance Mobility Under Blue Light Conditions. <i>IEEE Access</i> , 2019, 7, 1390-1403.	2.6	8
35	Estimation of Pollutant-Emitting Point-Sources Using Resource-Constrained Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2009, , 21-30.	1.0	8
36	Active rules for wireless networks of sensors & actuators. , 2004, , .		7

#	ARTICLE	IF	CITATIONS
37	Urban Computing and Mobile Devices. IEEE Distributed Systems Online, 2007, 8, 2-2.	0.5	7
38	Scalable ID/Locator Resolution for the IoT. , 2011, , .		7
39	Collective suffix tree-based models for location prediction. , 2013, , .		7
40	Social context discovery from temporal app use patterns. , 2014, , .		7
41	Ubiquitous Computing for Electronic Business. , 2006, , 1-12.		7
42	Shared Encounters. Computer Supported Cooperative Work / Series Ed By: Dan Diaper and Colston Sanger, 2009, , 1-15.	1.1	7
43	Spectrum-aware wireless sensor networks. , 2013, , .		6
44	Presence Analytics: Making Sense of Human Social Presence within a Learning Environment. , 2018, , .		6
45	Computing with RFID: Drivers, Technology and Implications. Advances in Computers, 2008, 73, 161-217.	1.2	5
46	Presence Analytics. , 2016, , .		5
47	Identifying and characterising sources of variability in digital outcome measures in Parkinsonâ€™s disease. Npj Digital Medicine, 2022, 5, .	5.7	5
48	A TWO-PLAYER GAME OF LIFE. International Journal of Modern Physics C, 2003, 14, 195-201.	0.8	4
49	Shared encounters. , 2007, , .		4
50	Flexible data integration and ontology-based data access to medical records. , 2008, , .		4
51	Adaptive channel hopping for wireless sensor networks. , 2011, , .		4
52	A cross-country comparison of the adoption of ubiquitous supply chain management. Personal and Ubiquitous Computing, 2012, 16, 717-727.	1.9	4
53	Towards smarter metropolitan emergency response. , 2013, , .		4
54	The Design of Pervasive Retail Experiences. , 2006, , 133-153.		4

#	ARTICLE	IF	CITATIONS
55	Efficient Pattern Detection in Extremely Resource-Constrained Devices. , 2009, , .		3
56	PDKit: A data science toolkit for the digital assessment of Parkinsonâ€™s Disease. PLoS Computational Biology, 2021, 17, e1008833.	1.5	3
57	Supply Chain Management Standards in Ubiquitous Commerce. , 2006, , 15-31.		3
58	Sensor Cube: A Modular, Ultra-Compact, Power-Aware Platform for Sensor Networks. IPSJ Digital Courier, 2007, 3, 309-319.	0.3	2
59	Integer-Based Optimisations for Resource-Constrained Sensor Platforms. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 144-157.	0.2	2
60	Dealing With Technological Trajectories: Where We Have Come From and Where We Are Going. IEEE Transactions on Technology and Society, 2020, 1, 2-7.	2.4	2
61	Service Patterns for Enterprise Information Systems. , 2005, , 201-224.		2
62	Sensory Threads. Leonardo, 2010, 43, 196-197.	0.2	1
63	Editorial: Special Issue on â€œSecurity and Multimodality in Pervasive Environmentsâ€. Wireless Personal Communications, 2010, 55, 1-4.	1.8	1
64	Introduction to the special issue on â€œHuman Behavior in Ubiquitous Environments: Modeling of Human Mobility Patternsâ€. Pervasive and Mobile Computing, 2010, 6, 399-400.	2.1	1
65	Pattern Detection in Extremely Resource-Constrained Devices. Studies in Computational Intelligence, 2011, , 195-216.	0.7	1
66	The batphone. Mobile Computing and Communications Review, 2012, 16, 28-29.	1.7	1
67	Smart Infrastructure and Technology Systems Ethics. IEEE Transactions on Technology and Society, 2021, 2, 2-3.	2.4	1
68	Requirements analysis for large scale systems.. Journal of Object Technology, 2008, 7, 117.	0.8	1
69	Editorial: ubiquitous computing in the real world. Personal and Ubiquitous Computing, 2007, 11, 505-506.	1.9	0
70	Special track on Ubiquitous Computing: Ubiquitous and Pervasive eCommerce and eBusiness. , 2008, , .		0
71	Panel topic: Pervasive and social computing: Where are we heading?. , 2011, , .		0
72	Mobile Networks and Applications (MONET) Special Issue on Sensor Systems and Software. Mobile Networks and Applications, 2011, 16, 147-148.	2.2	0

#	ARTICLE	IF	CITATIONS
73	Welcome from the Technical Program Chairs. , 2012, , .		0
74	TPC welcome welcome message from the technical program chairs. , 2014, , .		0
75	Presence analytics: Detecting classroom-based social patterns using WLAN traces. , 2017, , .		0
76	Biharmonic Many Body Calculations for Fast Evaluation of Radial Basis Function Interpolants in Cluster Environments. Lecture Notes in Computer Science, 2001, , 288-295.	1.0	0
77	Ubiquitous Computing and Databases. , 2005, , 714-719.		0
78	Learning Networks and Service-Oriented Architectures. , 2006, , 569-577.		0
79	Readers and Tags. Computer Communications and Networks, 2008, , 37-52.	0.8	0
80	RFID Applications. Computer Communications and Networks, 2008, , 11-35.	0.8	0
81	Pervasive and Ubiquitous Computing Databases. , 2009, , 818-827.		0
82	Pervasive and Ubiquitous Computing Databases. , 2010, , 1517-1526.		0
83	Policy-enabled Internet of Things Deployable Platforms for Vaccine Cold Chains. , 2014, , .		0
84	Social-DBSCAN: A Presence Analytics Approach for Mobile Usersâ€™ Social Clustering. Communications in Computer and Information Science, 2017, , 381-400.	0.4	0
85	Learning Networks and Service-Oriented Architectures. , 0, , 1010-1021.		0