

Boleslaw K Szymanski

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

308
papers

6,466
citations

37
h-index

71
g-index

349
ext. papers

7,623
ext. citations

3
avg, IF

6.26
L-index

#	Paper	IF	Citations
308	Overlapping community detection in networks. <i>ACM Computing Surveys</i> , 2013 , 45, 1-35	13.4	638
307	Trends in computer science research. <i>Communications of the ACM</i> , 2013 , 56, 74-83	2.5	572
306	Object-oriented parallel computation for plasma simulation. <i>Communications of the ACM</i> , 1995 , 38, 88-100	2.4	241
305	SLPA: Uncovering Overlapping Communities in Social Networks via a Speaker-Listener Interaction Dynamic Process 2011 ,		216
304	Social consensus through the influence of committed minorities. <i>Physical Review E</i> , 2011 , 84, 011130	2.4	202
303	In-network outlier detection in wireless sensor networks. <i>Knowledge and Information Systems</i> , 2013 , 34, 23-54	2.4	147
302	Exploiting Friendship Relations for Efficient Routing in Mobile Social Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012 , 23, 2254-2265	3.7	142
301	Adaptive Local Refinement with Octree Load Balancing for the Parallel Solution of Three-Dimensional Conservation Laws. <i>Journal of Parallel and Distributed Computing</i> , 1997 , 47, 139-152	4.4	138
300	Towards Linear Time Overlapping Community Detection in Social Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 25-36	0.9	130
299	. <i>IEEE Transactions on Computational Social Systems</i> , 2014 , 1, 46-65	4.5	127
298	Using humans as sensors: An estimation-theoretic perspective 2014 ,		105
297	Human-centric sensing. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012 , 370, 176-97	3	105
296	Friendship Based Routing in Delay Tolerant Mobile Social Networks 2010 ,		95
295	2010 ,		93
294	Efficient and inefficient ant coverage methods. <i>Annals of Mathematics and Artificial Intelligence</i> , 2001 , 31, 41-76	0.8	85
293	Cost-Effective Multiperiod Spraying for Routing in Delay-Tolerant Networks. <i>IEEE/ACM Transactions on Networking</i> , 2010 , 18, 1530-1543	3.8	71
292	The Naming Game in social networks: community formation and consensus engineering. <i>Journal of Economic Interaction and Coordination</i> , 2009 , 4, 221-235	1.1	71

291	Threshold-limited spreading in social networks with multiple initiators. <i>Scientific Reports</i> , 2013 , 3, 2330	4.9	68
290	Community detection using a neighborhood strength driven Label Propagation Algorithm 2011 ,		68
289	Stage-structured infection transmission and a spatial epidemic: a model for Lyme disease. <i>American Naturalist</i> , 2002 , 160, 348-59	3.7	67
288	In-Network Outlier Detection in Wireless Sensor Networks		66
287	Network synchronization in a noisy environment with time delays: fundamental limits and trade-offs. <i>Physical Review Letters</i> , 2010 , 105, 068701	7.4	64
286	. <i>Computer</i> , 2019 , 52, 36-45	1.6	63
285	Quantifying patterns of research-interest evolution. <i>Nature Human Behaviour</i> , 2017 , 1,	12.8	60
284	LabelRankT 2013 ,		57
283	On community structure in complex networks: challenges and opportunities. <i>Applied Network Science</i> , 2019 , 4,	2.9	56
282	Parallel structures and dynamic load balancing for adaptive finite element computation. <i>Applied Numerical Mathematics</i> , 1998 , 26, 241-263	2.5	54
281	LabelRank: A stabilized label propagation algorithm for community detection in networks 2013 ,		53
280	Identifying robust communities and multi-community nodes by combining top-down and bottom-up approaches to clustering. <i>Scientific Reports</i> , 2015 , 5, 16361	4.9	47
279	Evolution of opinions on social networks in the presence of competing committed groups. <i>PLoS ONE</i> , 2012 , 7, e33215	3.7	47
278	Energy Efficient Collision Aware Multipath Routing for Wireless Sensor Networks 2009 ,		46
277	Sequence alignment for masquerade detection. <i>Computational Statistics and Data Analysis</i> , 2008 , 52, 4116-4131	1.6	45
276	Naming games in two-dimensional and small-world-connected random geometric networks. <i>Physical Review E</i> , 2008 , 77, 016111	2.4	42
275	Minimum Dominating Sets in Scale-Free Network Ensembles. <i>Scientific Reports</i> , 2013 , 3,	4.9	39
274	Social-Based Cooperative Caching in DTNs: A Contact Duration Aware Approach 2011 ,		38

273	Host spatial heterogeneity and the spread of vector-borne infection. <i>Theoretical Population Biology</i> , 2001 , 59, 185-206	1.2	38
272	Dual-Regularized One-Class Collaborative Filtering 2014 ,		37
271	Robust Dynamic Service Composition in Sensor Networks. <i>IEEE Transactions on Services Computing</i> , 2013 , 6, 560-572	4.8	34
270	How to support inheritance and run-time polymorphism in Fortran 90. <i>Computer Physics Communications</i> , 1998 , 115, 9-17	4.2	34
269	The Internet Operating System: Middleware for Adaptive Distributed Computing. <i>International Journal of High Performance Computing Applications</i> , 2006 , 20, 467-480	1.8	34
268	Balancing Speed and Coverage by Sequential Seeding in Complex Networks. <i>Scientific Reports</i> , 2017 , 7, 891	4.9	32
267	Lyme disease: self-regulation and pathogen invasion. <i>Journal of Theoretical Biology</i> , 1998 , 193, 561-75	2.3	32
266	Sense: A Wireless Sensor Network Simulator 2005 , 249-267		32
265	Lyme disease in New York State: spatial pattern at a regional scale. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001 , 65, 538-45	3.2	32
264	Distributed energy-efficient target tracking with binary sensor networks. <i>ACM Transactions on Sensor Networks</i> , 2010 , 6, 1-32	2.9	31
263	Cascading failures in spatially-embedded random networks. <i>PLoS ONE</i> , 2014 , 9, e84563	3.7	30
262	WiFi access point deployment for efficient mobile data offloading. <i>Mobile Computing and Communications Review</i> , 2013 , 17, 71-78		30
261	Fast and accurate detection of spread source in large complex networks. <i>Scientific Reports</i> , 2018 , 8, 25084.9	4.9	29
260	The Impact of Heterogeneous Thresholds on Social Contagion with Multiple Initiators. <i>PLoS ONE</i> , 2015 , 10, e0143020	3.7	29
259	Accelerating consensus on coevolving networks: the effect of committed individuals. <i>Physical Review E</i> , 2012 , 85, 046104	2.4	28
258	Dynamic load balancing in parallel discrete event simulation for spatially explicit problems		28
257	Decentralized data management framework for Data Grids. <i>Future Generation Computer Systems</i> , 2007 , 23, 109-115	7.5	27
256	Some Properties of the Gaussian Kernel for One Class Learning. <i>Lecture Notes in Computer Science</i> , 2007 , 269-278	0.9	27

255	Social influencing and associated random walk models: Asymptotic consensus times on the complete graph. <i>Chaos</i> , 2011 , 21, 025115	3.3	26
254	How to Express C++ Concepts in Fortran90. <i>Scientific Programming</i> , 1997 , 6, 363-390	1.4	26
253	Population dispersion and equilibrium infection frequency in a spatial epidemic. <i>Physica D: Nonlinear Phenomena</i> , 1999 , 132, 511-519	3.3	26
252	Maximum Likelihood Fitting of Tidal Streams with Application to the Sagittarius Dwarf Tidal Tails. <i>Astrophysical Journal</i> , 2008 , 683, 750-766	4.7	25
251	Recursive data mining for masquerade detection and author identification		25
250	Research and commercial opportunities in Web-Based Simulation. <i>Simulation Modelling Practice and Theory</i> , 2001 , 9, 55-72		25
249	The social media genome 2013 ,		24
248	Cost Efficient Erasure Coding Based Routing in Delay Tolerant Networks 2010 ,		23
247	Self-selecting reliable paths for wireless sensor network routing. <i>Computer Communications</i> , 2008 , 31, 3799-3809	5.1	22
246	Dynamic Malleability in Iterative MPI Applications 2007 ,		22
245	On Measuring the Quality of a Network Community Structure 2013 ,		21
244	WiFi access point deployment for efficient mobile data offloading 2012 ,		21
243	Network coordination and synchronization in a noisy environment with time delays. <i>Physical Review E</i> , 2012 , 86, 056114	2.4	21
242	Spatially structured superinfection and the evolution of disease virulence. <i>Theoretical Population Biology</i> , 2006 , 69, 367-84	1.2	21
241	Taming the Curse of Dimensionality in Kernels and Novelty Detection 2006 , 425-438		21
240	Adaptive modularity maximization via edge weighting scheme. <i>Information Sciences</i> , 2018 , 424, 55-68	7.7	20
239	Competing effects of social balance and influence. <i>Physical Review E</i> , 2016 , 93, 042306	2.4	20
238	On diversifying source selection in social sensing 2012 ,		20

237	VOGUE. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2010 , 4, 1-31	4	20
236	Crowd-Sensing with Polarized Sources 2014 ,		19
235	Building damage-resilient dominating sets in complex networks against random and targeted attacks. <i>Scientific Reports</i> , 2015 , 5, 8321	4.9	19
234	2010 ,		19
233	Using Location-Based Social Networks to Validate Human Mobility and Relationships Models 2012 ,		19
232	A Distributed Cooperative Target Tracking with Binary Sensor Networks 2008 ,		19
231	COST: a component-oriented discrete event simulator		18
230	Utilizing correlated node mobility for efficient DTN routing. <i>Pervasive and Mobile Computing</i> , 2014 , 13, 150-163	3.5	17
229	Distributed flow optimization and cascading effects in weighted complex networks. <i>European Physical Journal B</i> , 2012 , 85, 1	1.2	17
228	The impact of competing time delays in coupled stochastic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 880-885	2.3	17
227	Parallel Overlapping Community Detection with SLPA 2013 ,		16
226	Conditional shortest path routing in delay tolerant networks 2010 ,		16
225	Impact of Social Networks on Delay Tolerant Routing 2009 ,		16
224	Information Cascades in Feed-Based Networks of Users with Limited Attention. <i>IEEE Transactions on Network Science and Engineering</i> , 2017 , 4, 120-128	4.9	15
223	Extension of Modularity Density for overlapping community structure 2014 ,		15
222	A SPATIAL CHARACTERIZATION OF THE SAGITTARIUS DWARF GALAXY TIDAL TAILS. <i>Astronomical Journal</i> , 2013 , 145, 163	4.9	15
221	Malleable iterative MPI applications. <i>Concurrency Computation Practice and Experience</i> , 2009 , 21, 393-413.	4.4	15
220	An asynchronous hybrid genetic-simplex search for modeling the Milky Way galaxy using volunteer computing 2008 ,		15

219	A Self-selection Technique for Flooding and Routing in Wireless Ad-hoc Networks. <i>Journal of Network and Systems Management</i> , 2006 , 14, 359-380	2.1	15
218	Spatial analysis of vector-borne disease: A four-species model. <i>Evolutionary Ecology</i> , 1994 , 8, 299-314	1.8	15
217	Probing Limits of Information Spread with Sequential Seeding. <i>Scientific Reports</i> , 2018 , 8, 13996	4.9	15
216	Opinion dynamics and influencing on random geometric graphs. <i>Scientific Reports</i> , 2014 , 4, 5568	4.9	14
215	Failure dynamics of the global risk network. <i>Scientific Reports</i> , 2015 , 5, 10998	4.9	14
214	Opportunistic wireless charging for mobile social and sensor networks 2014 ,		14
213	Efficient routing in delay tolerant networks with correlated node mobility 2010 ,		14
212	Host spatial heterogeneity and extinction of an SIS epidemic. <i>Journal of Theoretical Biology</i> , 1998 , 192, 351-61	2.3	14
211	Simpler is better? Lexicon-based ensemble sentiment classification beats supervised methods 2014 ,		13
210	Analytic treatment of tipping points for social consensus in large random networks. <i>Physical Review E</i> , 2012 , 86, 061134	2.4	13
209	Is Crowdcharging Possible? 2018 ,		13
208	Mobile Energy Sharing through Power Buddies 2017 ,		12
207	Towards Relevancy Aware Service Oriented Systems in WSNs. <i>IEEE Transactions on Services Computing</i> , 2016 , 9, 304-316	4.8	12
206	Constructing Limited Scale-Free Topologies over Peer-to-Peer Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 919-928	3.7	12
205	Limits of Predictability of Cascading Overload Failures in Spatially-Embedded Networks with Distributed Flows. <i>Scientific Reports</i> , 2017 , 7, 11729	4.9	12
204	Computing with Time: From Neural Networks to Sensor Networks. <i>Computer Journal</i> , 2007 , 51, 511-522	1.3	12
203	Modeling individual topic-specific behavior and influence backbone networks in social media. <i>Social Network Analysis and Mining</i> , 2014 , 4, 1	2.2	11
202	The impact of variable commitment in the Naming Game on consensus formation. <i>Scientific Reports</i> , 2017 , 7, 41750	4.9	11

201	Extreme fluctuations in stochastic network coordination with time delays. <i>Physical Review E</i> , 2015 , 92, 062816	2.4	11
200	Propensity and stickiness in the naming game: tipping fractions of minorities. <i>Physical Review E</i> , 2014 , 90, 042809	2.4	11
199	Socially-aware market mechanism for participatory sensing 2012 ,		11
198	Time Dependent Message Spraying for Routing in Intermittently Connected Networks 2008 ,		11
197	Fuzzy overlapping community quality metrics. <i>Social Network Analysis and Mining</i> , 2015 , 5, 1	2.2	10
196	Optimizing sensors placement in complex networks for localization of hidden signal source: A review. <i>Future Generation Computer Systems</i> , 2020 , 112, 1070-1092	7.5	10
195	Secure Multi-copy Routing in Compromised Delay Tolerant Networks. <i>Wireless Personal Communications</i> , 2013 , 73, 149-168	1.9	10
194	Dominating scale-free networks using generalized probabilistic methods. <i>Scientific Reports</i> , 2014 , 4, 6308	4.9	10
193	Evolutionary Algorithms on Volunteer Computing Platforms: The MilkyWay@Home Project. <i>Studies in Computational Intelligence</i> , 2010 , 63-90	0.8	10
192	Polarization and tipping points. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	10
191	Analysis of the high-dimensional naming game with committed minorities. <i>Physical Review E</i> , 2016 , 93, 052311	2.4	9
190	Social consensus and tipping points with opinion inertia. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 443, 316-323	3.3	9
189	Dynamic Service Execution in Sensor Networks. <i>Computer Journal</i> , 2010 , 53, 513-527	1.3	9
188	Sensors as a Service Oriented Architecture: Middleware for Sensor Networks 2010 ,		9
187	Distributed Target Tracking with Directional Binary Sensor Networks 2009 ,		9
186	Distributed Target Tracking with Imperfect Binary Sensor Networks 2008 ,		9
185	Parallel network simulation under distributed Genesis		9
184	EPL parallel programming with recurrent equations 1991 , 51-104		9

183	An Architecture for Reconfigurable Iterative MPI Applications in Dynamic Environments. <i>Lecture Notes in Computer Science</i> , 2006 , 258-271	0.9	9
182	A Participation Incentive Market Mechanism for Allocating Heterogeneous Network Services 2009 ,		8
181	Auction-based congestion management for target tracking in wireless sensor networks 2009 ,		8
180	Breadth-first rollback in spatially explicit simulations		8
179	The Transition and Adoption to Modern Programming Concepts for Scientific Computing in Fortran. <i>Scientific Programming</i> , 2007 , 15, 27-44	1.4	8
178	DSIM: scaling time warp to 1,033 processors		8
177	Four types of lookback		8
176	Self-selective routing for wireless ad hoc networks		8
175	Network Congestion Arbitration and Source Problem Prediction Using Neural Networks. <i>International Journal of Smart Engineering System Design</i> , 2002 , 4, 243-252		8
174	Genesis:a system for large-scale parallel network simulation		8
173	Data and Task Alignment in Distributed-Memory Architectures. <i>Journal of Parallel and Distributed Computing</i> , 1994 , 21, 61-74	4.4	8
172	Validating Evolutionary Algorithms on Volunteer Computing Grids. <i>Lecture Notes in Computer Science</i> , 2010 , 29-41	0.9	8
171	An Internet measure of the value of citations. <i>Information Sciences</i> , 2012 , 185, 18-31	7.7	7
170	Limits of Risk Predictability in a Cascading Alternating Renewal Process Model. <i>Scientific Reports</i> , 2017 , 7, 6699	4.9	7
169	MetPetDB: A database for metamorphic geochemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	7
168	Event Recognition in Sensor Networks by Means of Grammatical Inference 2009 ,		7
167	Simulating Lyme disease using parallel discrete event simulation 1996 ,		7
166	Fine-grain discrete Voronoi diagram algorithms in L1 and L _∞ norms. <i>Mathematical and Computer Modelling</i> , 1997 , 26, 71-78		7

165	Discovery, analysis and monitoring of hidden social networks and their evolution 2008 ,		7
164	Asynchronous genetic search for scientific modeling on large-scale heterogeneous environments. <i>Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008</i> ,		7
163	Self-healing routing: a study in efficiency and resiliency of data delivery in wireless sensor networks 2007 ,		7
162	Towards a middleware framework for dynamically reconfigurable scientific computing. <i>Advances in Parallel Computing, 2005</i> , 14, 275-301	1.1	7
161	Local leader election, signal strength aware flooding, and routeless routing		7
160	Real-time on-line network simulation 2001 ,		7
159	On parallel object oriented programming in Fortran 90. <i>ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1996</i> , 4, 27-31	0.7	7
158	VOGUE: A Novel Variable Order-Gap State Machine for Modeling Sequences. <i>Lecture Notes in Computer Science, 2006</i> , 42-54	0.9	7
157	Auctions as a Dynamic Pricing Mechanism for E-Services 2007 , 131-156		7
156	The Quality of Partitions Produced by an Iterative Load Balancer 1996 , 265-278		7
155	Using correlated stochastic differential equations to forecast cryptocurrency rates and social media activities. <i>Applied Network Science, 2020</i> , 5,	2.9	6
154	Grammatical Inference for Modeling Mobility Patterns in Networks. <i>IEEE Transactions on Mobile Computing, 2013</i> , 12, 2119-2131	4.6	6
153	Effects of communication burstiness on consensus formation and tipping points in social dynamics. <i>Physical Review E, 2017</i> , 95, 062303	2.4	6
152	An Analysis of the Matching Hypothesis in Networks. <i>PLoS ONE, 2015</i> , 10, e0129804	3.7	6
151	Understanding user behavior via mobile data analysis 2015 ,		6
150	Energy-efficient location services for mobile ad hoc networks. <i>Ad Hoc Networks, 2013</i> , 11, 273-287	4.8	6
149	Cognitive and self-selective routing for sensor networks. <i>Computational Management Science, 2011</i> , 8, 237-258	1	6
148	PCFG Based Synthetic Mobility Trace Generation 2010 ,		6

147	Dynamic Composition of Services in Sensor Networks 2010 ,		6
146	Robust Asynchronous Optimization for Volunteer Computing Grids 2009 ,		6
145	Dynamic load balancing in parallel discrete event simulation for spatially explicit problems. <i>ACM SIGSIM Simulation Digest</i> , 1998 , 28, 46-53		6
144	Adaptive parallelism in the Bulk-synchronous Parallel model. <i>Lecture Notes in Computer Science</i> , 1996 , 311-318	0.9	6
143	FINDING OPTIMUM WAVEFRONT OF PARALLEL COMPUTATION* *This work sponsored in part by IBM Corp. under the Development Grant, by NSF under grant CCR-8920694 and by ONR under grant N00014-93-1-0076. The content of the information does not necessarily reflect the position or the policy of the Government, and no official endorsement should be inferred.. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 1994 , 2, 5-26		6
142			6
141	The evolution of polarization in the legislative branch of government. <i>Journal of the Royal Society Interface</i> , 2019 , 16, 20190010	4.1	6
140	Community detection with edge augmentation in criminal networks 2018 ,		6
139	Entropy Measures of Human Communication Dynamics. <i>Scientific Reports</i> , 2018 , 8, 15697	4.9	6
138	A Regularized Stochastic Block Model for the robust community detection in complex networks. <i>Scientific Reports</i> , 2019 , 9, 13247	4.9	5
137	Analysis of link formation, persistence and dissolution in NetSense data 2016 ,		5
136	Influence of Personal Preferences on Link Dynamics in Social Networks. <i>Complexity</i> , 2017 , 2017, 1-12	1.6	5
135	Market mechanisms for resource allocation in pervasive sensor applications. <i>Pervasive and Mobile Computing</i> , 2012 , 8, 346-357	3.5	5
134	Analyzing the Proximity and Interactions of Friends in Communities in Gowalla 2013 ,		5
133	Service discovery for delay tolerant networks 2010 ,		5
132	Distributed and Generic Maximum Likelihood Evaluation 2007 ,		5
131			5
130	Scalability and performance of an agent-based network management middleware. <i>International Journal of Network Management</i> , 2004 , 14, 131-146	1.8	5

129	ESCORT: Energy-Efficient Sensor Network Communal Routing Topology Using Signal Quality Metrics. <i>Lecture Notes in Computer Science</i> , 2005 , 438-448	0.9	5
128	. <i>IEEE Transactions on Software Engineering</i> , 1986 , SE-12, 358-373	3.5	5
127	Rethinking offloading WiFi access point deployment from user perspective 2016 ,		5
126	Evolution of threats in the global risk network. <i>Applied Network Science</i> , 2018 , 3, 24	2.9	5
125	Scalable Prediction of Global Online Media News Virality. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 858-870	4.5	5
124	Network resilience. <i>Physics Reports</i> , 2022 , 971, 1-108	27.7	5
123	Predicting complex user behavior from CDR based social networks. <i>Information Sciences</i> , 2019 , 500, 217-228	7.7	4
122	Influence Maximization for Fixed Heterogeneous Thresholds. <i>Scientific Reports</i> , 2019 , 9, 5573	4.9	4
121	Coevolution of a multilayer node-aligned network whose layers represent different social relations. <i>Computational Social Networks</i> , 2017 , 4, 11	5.8	4
120	Evolution of the Global Risk Network Mean-Field Stability Point. <i>Studies in Computational Intelligence</i> , 2018 , 1124-1134	0.8	4
119	Benford's Distribution in Complex Networks. <i>Scientific Reports</i> , 2016 , 6, 34917	4.9	4
118	The Future of Deception: Machine-Generated and Manipulated Images, Video, and Audio? 2018 ,		4
117	Parallel Toolkit for Measuring the Quality of Network Community Structure 2014 ,		4
116	Social ranking techniques for the web 2013 ,		4
115	Self-Selecting Reliable Path Routing in diverse Wireless Sensor Network environments 2009 ,		4
114	On Secure Multi-Copy Based Routing in Compromised Delay Tolerant Networks 2011 ,		4
113	. <i>IEEE Intelligent Systems</i> , 2007 , 22, 16-20	4.2	4
112	Simulating Spatially Explicit Problems on High Performance Architectures. <i>Journal of Parallel and Distributed Computing</i> , 2002 , 62, 446-467	4.4	4

111	Lookback:a new way of exploiting parallelism in discrete event simulation		4
110	Efficient handling of data structures in definitional languages. <i>Science of Computer Programming</i> , 1988 , 10, 221-245	1.1	4
109	Distributed Octree Data Structures and Local Refinement Method for the Parallel Solution of Three-Dimensional Conservation Laws. <i>The IMA Volumes in Mathematics and Its Applications</i> , 1999 , 113-134	1.5	4
108	Optimizing Synchronization, Flow, and Robustness in Weighted Complex Networks. <i>Springer Optimization and Its Applications</i> , 2012 , 61-96	0.4	4
107	Analysis of Opinion Evolution in a Multi-cultural Student Social Network. <i>Procedia Manufacturing</i> , 2015 , 3, 3974-3981	1.5	3
106	Trust Based Secure Routing in Delay Tolerant Networks 2016 ,		3
105	Peer-to-peer lending and bias in crowd decision-making. <i>PLoS ONE</i> , 2018 , 13, e0193007	3.7	3
104	Multilayer MANET routing with social-cognitive learning 2017 ,		3
103	Impact of socially based demand on the efficiency of caching strategy 2014 ,		3
102	Policy-Aware Service Composition in Sensor Networks 2012 ,		3
101	Finding Protein Binding Sites Using Volunteer Computing Grids. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 385-393		3
100	Market mechanisms for Value of Information driven resource allocation in Sensor Networks 2011 ,		3
99	On the development of an internetwork-centric defense for scanning worms. <i>Computers and Security</i> , 2009 , 28, 637-647	4.9	3
98	Distilling likely truth from noisy streaming data with Apollo 2011 ,		3
97	A bottom-up complement to the logic-based top-down approach to the story arrangement test. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2011 , 23, 329-341	2	3
96	A Cost-Quality Tradeoff in Cooperative Sensor Networking 2008 ,		3
95	Recursive data mining for role identification 2008 ,		3
94	A middleware framework for market-based actuator coordination in sensor and actuator networks 2008 ,		3

93	Fuzzy ROC curves for unsupervised nonparametric ensemble techniques		3
92	A novel auction mechanism for selling time-sensitive e-services		3
91	Genesis: A scalable distributed system for large-scale parallel network simulation. <i>Computer Networks</i> , 2006 , 50, 2028-2053	5.4	3
90	Efficiency of data alignment on Maspar. <i>ACM SIGPLAN Notices</i> , 1993 , 28, 48-51	0.2	3
89	Generating parallel code for SIMD machines. <i>ACM Transactions on Programming Languages and Systems</i> , 1992 , 1, 59-73		3
88	The Effects of Heterogeneity on Asynchronous Panmictic Genetic Search 2007 , 457-468		3
87	Improving Network Community Structure with Link Prediction Ranking. <i>Studies in Computational Intelligence</i> , 2016 , 145-158	0.8	3
86	Accelerating the MilkyWay@Home Volunteer Computing Project with GPUs. <i>Lecture Notes in Computer Science</i> , 2010 , 276-288	0.9	3
85	Dynamics of crime activities in the network of city community areas. <i>Applied Network Science</i> , 2019 , 4,	2.9	3
84	Network analysis to support public health: evolution of collaboration among leishmaniasis researchers. <i>Scientometrics</i> , 2017 , 111, 2001-2021	3	2
83	ONE-M: Modeling the Co-evolution of Opinions and Network Connections. <i>Lecture Notes in Computer Science</i> , 2019 , 122-140	0.9	2
82	Supporting novel biomedical research via multilayer collaboration networks. <i>Applied Network Science</i> , 2016 , 1, 11	2.9	2
81	Social Ties as Predictors of Economic Development. <i>Lecture Notes in Computer Science</i> , 2016 , 178-185	0.9	2
80	Dynamic branch speculation in a speculative parallelization architecture for computer clusters. <i>Concurrency Computation Practice and Experience</i> , 2013 , 25, 932-960	1.4	2
79	Predicting Viral News Events in Online Media 2017 ,		2
78	Parallelizing SLPA for Scalable Overlapping Community Detection. <i>Scientific Programming</i> , 2015 , 2015, 1-18	1.4	2
77	MilkyWay@home: Harnessing volunteer computers to constrain dark matter in the Milky Way. <i>Proceedings of the International Astronomical Union</i> , 2013 , 9, 98-104	0.1	2
76	Sensor Service Selection through Switch Options 2011 ,		2

75	Load balancing and communication optimization for parallel adaptive finite element methods		2
74	2008,		2
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