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Scientific collaboration networks. II. Shortest paths, weighted networks, and centrality

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1544	Clustering and preferential attachment in growing networks. <i>Physical Review E</i> , <b>2001</b> , 64, 025102	2.4	1022
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1537	Path finding strategies in scale-free networks. <i>Physical Review E</i> , <b>2002</b> , 65, 027103	2.4	128
1536	Vertex overload breakdown in evolving networks. <i>Physical Review E</i> , <b>2002</b> , 65, 066109	2.4	197
1535	Characterizing the structure of small-world networks. <b>2002</b> , 88, 098101		35
1534	Relation between structure and size in social networks. <i>Physical Review E</i> , <b>2002</b> , 65, 036107	2.4	26
1533	Emergence of a small world from local interactions: modeling acquaintance networks. <b>2002</b> , 88, 128701		210
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1527	Large-scale topological and dynamical properties of the Internet. <i>Physical Review E</i> , <b>2002</b> , 65, 066130	2.4		454
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1513	Citation networks in high energy physics. <i>Physical Review E</i> , <b>2003</b> , 68, 026113	2.4		78

1512	Betweenness centrality correlation in social networks. <i>Physical Review E</i> , <b>2003</b> , 67, 017101	2.4	181
1511	Scaling laws for the movement of people between locations in a large city. <i>Physical Review E</i> , <b>2003</b> , 68, 066102	2.4	117
1510	Software systems as complex networks: structure, function, and evolvability of software collaboration graphs. <i>Physical Review E</i> , <b>2003</b> , 68, 046116	2.4	249
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1507	Exact scaling properties of a hierarchical network model. <i>Physical Review E</i> , <b>2003</b> , 67, 045103	2.4	49
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1505	Signatures of small-world and scale-free properties in large computer programs. <i>Physical Review E</i> , <b>2003</b> , 68, 017102	2.4	56
1504	Introducing small-world network effects to critical dynamics. <i>Physical Review E</i> , <b>2003</b> , 67, 026125	2.4	14
1503	Self-similar community structure in a network of human interactions. <i>Physical Review E</i> , <b>2003</b> , 68, 065103	2.4	871
1502	Network dynamics of ongoing social relationships. <b>2003</b> , 64, 427-433		52
1501	Small-world file-sharing communities.		85
1500	Information Flow Structure in Large-Scale Product Development Organizational Networks. <b>2004</b> , 19, 244-253		71
1499	Information Dynamics in the Networked World. <b>2004</b> , 371-398		21
1498	Scale-free trees: the skeletons of complex networks. <i>Physical Review E</i> , <b>2004</b> , 70, 046126	2.4	84
1497	Navigation in a small world with local information. <i>Physical Review E</i> , <b>2004</b> , 70, 036117	2.4	25
1496	Error-correcting codes on scale-free networks. <i>Physical Review E</i> , <b>2004</b> , 69, 067103	2.4	1
1495	Method to find community structures based on information centrality. <i>Physical Review E</i> , <b>2004</b> , 70, 056104	2.4	179

1494	Reverse engineering of linking preferences from network restructuring. <i>Physical Review E</i> , <b>2004</b> , 70, 046115	2.4	1
1493	Attack vulnerability of scale-free networks due to cascading breakdown. <i>Physical Review E</i> , <b>2004</b> , 70, 035101	2.4	232
1492	Modeling the evolution of weighted networks. <i>Physical Review E</i> , <b>2004</b> , 70, 066149	2.4	182
1491	Self-organization of collaboration networks. <i>Physical Review E</i> , <b>2004</b> , 70, 036106	2.4	164
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1486	The simultaneous evolution of author and paper networks. <b>2004</b> , 101 Suppl 1, 5266-73		179
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1484	Detecting community structure in networks. <b>2004</b> , 38, 321-330		1144
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1480	Finding and evaluating community structure in networks. <i>Physical Review E</i> , <b>2004</b> , 69, 026113	2.4	6992
1479	Effects of neighbourhood size and connectivity on the spatial Continuous Prisoner's Dilemma. <b>2004</b> , 231, 97-106		126
1478	Impact of network structure on the capacity of wireless multihop ad hoc communication. <b>2004</b> , 338, 633-658		21
1477	Bipartite structure of all complex networks. <b>2004</b> , 90, 215-221		136

1476	Who Is the Best Connected Scientist?A Study of Scientific Coauthorship Networks. <b>2004</b> , 337-370		141
1475	Analysis of weighted networks. <i>Physical Review E</i> , <b>2004</b> , 70, 056131	2.4	1327
1474	Traffic on complex networks: Towards understanding global statistical properties from microscopic density fluctuations. <i>Physical Review E</i> , <b>2004</b> , 69, 036102	2.4	173
1473	The architecture of complex weighted networks. <b>2004</b> , 101, 3747-52		2401
1472	Weighted evolving networks: coupling topology and weight dynamics. <b>2004</b> , 92, 228701		423
1471	Random walks on complex networks. <b>2004</b> , 92, 118701		736
1470	Statistical analysis of airport network of China. <i>Physical Review E</i> , <b>2004</b> , 69, 046106	2.4	308
1469	Structural vulnerability of the North American power grid. <i>Physical Review E</i> , <b>2004</b> , 69, 025103	2.4	847
1468	Analysis of social network in campus computer system. <b>2004</b> , 14, 49-52		
1467	Information Flow Structure in Large-Scale Product Development Organizational Networks. <b>2005</b> , 105-125		4
1466	Hide-and-seek on complex networks. <b>2005</b> , 69, 853-859		39
1465	Characterization and modeling of weighted networks. <b>2005</b> , 346, 34-43		225
1464	Noisy scale-free networks. <b>2005</b> , 350, 622-642		9
1463	Weighted networks of scientific communication: the measurement and topological role of weight. <b>2005</b> , 350, 643-656		66
1462	A measure of betweenness centrality based on random walks. <b>2005</b> , 27, 39-54		1324
1461	Modeling cascading failures in the North American power grid. <b>2005</b> , 46, 101-107		417
1460	Efficiency dynamics on scale-free networks with tunable degree exponent. <b>2005</b> , 48, 587-591		1
1459	Characterization of the molten globule state of retinol-binding protein using a molecular dynamics simulation approach. <b>2005</b> , 272, 4826-38		11

1458	Co-authorship networks in the digital library research community. <b>2005</b> , 41, 1462-1480		440
1457	Studying the emerging global brain: Analyzing and visualizing the impact of co-authorship teams. <b>2005</b> , 10, 57-67		100
1456	Visualizing knowledge domains. <b>2005</b> , 37, 179-255		640
1455	Hierarchical Structure, Disassortativity and Information Measures of the US Flight Network. <b>2005</b> , 22, 2715-2718		20
1454	Generation of complex bipartite graphs by using a preferential rewiring process. <i>Physical Review E</i> , <b>2005</b> , 72, 036120	2.4	38
1453	Scale-free fuse network and its robustness. <i>Physical Review E</i> , <b>2005</b> , 72, 046709	2.4	4
1452	Spectral analysis and the dynamic response of complex networks. <i>Physical Review E</i> , <b>2005</b> , 71, 016106	2.4	57
1451	Load distribution in weighted complex networks. <i>Physical Review E</i> , <b>2005</b> , 72, 017102	2.4	30
1450	Analytically solvable model of probabilistic network dynamics. <i>Physical Review E</i> , <b>2005</b> , 72, 067102	2.4	8
1449	Mutual selection model for weighted networks. <i>Physical Review E</i> , <b>2005</b> , 72, 046140	2.4	51
1448	Finding instabilities in the community structure of complex networks. <i>Physical Review E</i> , <b>2005</b> , 72, 056135	2.4	95
1447	Maximal planar networks with large clustering coefficient and power-law degree distribution. <i>Physical Review E</i> , <b>2005</b> , 71, 046141	2.4	186
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1445	Accelerating, hyperaccelerating, and decelerating networks. <i>Physical Review E</i> , <b>2005</b> , 72, 016123	2.4	28
1444	Tolerance of scale-free networks against attack-induced cascades. <i>Physical Review E</i> , <b>2005</b> , 72, 025104	2.4	100
1443	Weight-driven growing networks. <i>Physical Review E</i> , <b>2005</b> , 71, 026103	2.4	40
1442	Growing network model for community with group structure. <i>Physical Review E</i> , <b>2005</b> , 71, 036131	2.4	25
1441	Complete condensation in a zero range process on scale-free networks. <b>2005</b> , 94, 198701		57

1440	Communication boundaries in networks. <b>2005</b> , 94, 238701		46
1439	Tuning clustering in random networks with arbitrary degree distributions. <i>Physical Review E</i> , <b>2005</b> , 72, 036133	2.4	82
1438	Search in weighted complex networks. <i>Physical Review E</i> , <b>2005</b> , 72, 066128	2.4	41
1437	Network growth by copying. <i>Physical Review E</i> , <b>2005</b> , 71, 036118	2.4	105
1436	Searchability of networks. <i>Physical Review E</i> , <b>2005</b> , 72, 046117	2.4	45
1435	Characterization of degree frequency distribution in protein interaction networks. <i>Physical Review E</i> , <b>2005</b> , 71, 031901	2.4	4
1434	Efficiency of informational transfer in regular and complex networks. <i>Physical Review E</i> , <b>2005</b> , 71, 036122	2.4	101
1433	Complex Networks Theory: A New Method of Research in Power Grid.		9
1432	Analysis and Comparison on Several Kinds of Models of Cascading Failure in Power System.		3
1431	For Your Citations Only? Hot Topics in Bibliometric Analysis. <b>2005</b> , 3, 50-62		76
1430	The worldwide air transportation network: Anomalous centrality, community structure, and cities' global roles. <b>2005</b> , 102, 7794-9		1145
1429	General dynamics of topology and traffic on weighted technological networks. <b>2005</b> , 94, 188702		205
1428	Statistical analysis of 22 public transport networks in Poland. <i>Physical Review E</i> , <b>2005</b> , 72, 046127	2.4	236
1427	Exploring complex networks by walking on them. <i>Physical Review E</i> , <b>2005</b> , 71, 016107	2.4	111
1426	The effects of spatial constraints on the evolution of weighted complex networks. <b>2005</b> , 2005, P05003		96
1425	Vertex similarity in networks. <i>Physical Review E</i> , <b>2006</b> , 73, 026120	2.4	492
1424	Transport in weighted networks: partition into superhighways and roads. <b>2006</b> , 96, 148702		105
1423	Optimal transport on complex networks. <i>Physical Review E</i> , <b>2006</b> , 74, 046106	2.4	165



1422	Efficient routing on complex networks. <i>Physical Review E</i> , <b>2006</b> , 73, 046108	2.4	443
1421	Efficient Modularization of Weighted Protein Interaction Networks using k-Hop Graph Reduction. <b>2006</b> ,		6
1420	An Adaptive Approach to P2P Resource Discovery in Distributed Scientific Research Communities. <b>2006</b> ,		1
1419	Reliability assessment to large-scale power grid based on small-world topological model. <b>2006</b> ,		13
1418	Two-dimensional small-world networks: navigation with local information. <i>Physical Review E</i> , <b>2006</b> , 73, 056111	2.4	10
1417	Using the topology of metabolic networks to predict viability of mutant strains. <b>2006</b> , 91, 2304-11		56
1416	Tractable Models for Information Diffusion in Social Networks. <b>2006</b> , 259-271		157
1415	The real communication network behind the formal chart: Community structure in organizations. <b>2006</b> , 61, 653-667		28
1414	Application of Social Network Analysis to the Study of Open Source Software. <b>2006</b> , 247-269		15
1413	Traffic Dynamics in Scale-Free Networks. <b>2006</b> , 3, 97-107		27
1412	Lightweight Centrality Measures in Networks under Attack. <b>2006</b> , 3, 147-157		8
1411	The complex network of EC authors. <b>2006</b> , 1, 2-9		11
1410	Detecting rich-club ordering in complex networks. <b>2006</b> , 2, 110-115		603
1409	Optimized network structure and routing metric in wireless multihop ad hoc communication. <b>2006</b> , 361, 707-723		23
1408	Bipartite producer-consumer networks and the size distribution of firms. <b>2006</b> , 363, 359-366		36
1407	How to fit the degree distribution of the air network?. <b>2006</b> , 368, 262-272		29
1406	Relations between average distance, heterogeneity and network synchronizability. <b>2006</b> , 371, 773-780		65
1405	Bipartite graphs as models of complex networks. <b>2006</b> , 371, 795-813		127

1404	Scaling in small-world resistor networks. <b>2006</b> , 350, 324-330	34
1403	The smallest of all worlds: pollination networks. <b>2006</b> , 240, 270-6	86
1402	Model and empirical study on some collaboration networks. <b>2006</b> , 360, 599-616	91
1401	Weighted networks in immune system shape space. <b>2006</b> , 365, 549-555	5
1400	A topological analysis of scientific coauthorship networks. <b>2006</b> , 372, 333-339	23
1399	Legislative cosponsorship networks in the US House and Senate. <b>2006</b> , 28, 454-465	140
1398	Preface. <b>2006</b> , 355, 1-5	1
1397	Protein evolutionary rates correlate with expression independently of synonymous substitutions in <i>Helicobacter pylori</i> . <b>2006</b> , 62, 600-14	5
1396	Synchronization in weighted scale-free networks with degree-degree correlation. <b>2006</b> , 224, 123-129	61
1395	An approach to Hang Seng Index in Hong Kong stock market based on network topological statistics. <b>2006</b> , 51, 624-629	31
1394	Connection and stratification in research collaboration: An analysis of the COLLNET network. <b>2006</b> , 42, 1599-1613	96
1393	. <b>2006</b> , 53, 570-582	92
1392	A methodology for the structural and functional analysis of signaling and regulatory networks. <b>2006</b> , 7, 56	263
1391	The geography of scientific productivity: scaling in US computer science. <b>2006</b> , 2006, P10012-P10012	8
1390	Connecting the Congress: A Study of Cosponsorship Networks. <b>2006</b> , 14, 456-487	254
1389	Detecting functional modules in the yeast protein-protein interaction network. <b>2006</b> , 22, 2283-90	294
1388	The network of collaboration among rappers and its community structure. <b>2006</b> , 2006, P02006-P02006	21
1387	.	5

1386	Inhomogeneous substructures hidden in random networks. <i>Physical Review E</i> , <b>2006</b> , 73, 037102	2.4	1
1385	Scale-free networks emerging from weighted random graphs. <i>Physical Review E</i> , <b>2006</b> , 73, 025103	2.4	12
1384	Clustering in complex networks. I. General formalism. <i>Physical Review E</i> , <b>2006</b> , 74, 056114	2.4	81
1383	Better synchronizability predicted by crossed double cycle. <i>Physical Review E</i> , <b>2006</b> , 73, 037101	2.4	32
1382	Statistical properties of sampled networks. <i>Physical Review E</i> , <b>2006</b> , 73, 016102	2.4	228
1381	Geographical effects on cascading breakdowns of scale-free networks. <i>Physical Review E</i> , <b>2006</b> , 73, 036102	2.4	38
1380	Social inertia in collaboration networks. <i>Physical Review E</i> , <b>2006</b> , 73, 016122	2.4	45
1379	Mutual attraction model for both assortative and disassortative weighted networks. <i>Physical Review E</i> , <b>2006</b> , 73, 016133	2.4	33
1378	The Structure and Dynamics of Complex Product Design. <b>2006</b> , 40-71		4
1377	Parallel Algorithms for Evaluating Centrality Indices in Real-world Networks.		75
1376	Effects of substrate network topologies on competition dynamics. <i>Physical Review E</i> , <b>2006</b> , 74, 026118	2.4	5
1375	Preferential attachment in the growth of social networks: the internet encyclopedia Wikipedia. <i>Physical Review E</i> , <b>2006</b> , 74, 036116	2.4	176
1374	Congestion-gradient driven transport on complex networks. <i>Physical Review E</i> , <b>2006</b> , 74, 046114	2.4	45
1373	Generalized local-world models for weighted networks. <i>Physical Review E</i> , <b>2006</b> , 73, 056109	2.4	43
1372	Structure and evolution of online social relationships: Heterogeneity in unrestricted discussions. <i>Physical Review E</i> , <b>2006</b> , 73, 066123	2.4	35
1371	Oscillations of complex networks. <i>Physical Review E</i> , <b>2006</b> , 74, 066104	2.4	12
1370	Linear relation on the correlation in complex networks. <i>Physical Review E</i> , <b>2006</b> , 73, 047101	2.4	6
1369	Identification of Overlapping Functional Modules in Protein Interaction Networks: Information Flow-based Approach. <b>2006</b> ,		6

1368	Identification of Important Actors in Edge-Weight Social Networks. <b>2006,</b>		0
1367	FROM A HARMONIOUS UNIFYING HYBRID PREFERENTIAL MODEL TOWARD A LARGE UNIFYING HYBRID NETWORK MODEL. <b>2007, 21, 5121-5142</b>		11
1366	Weighted network modules. <b>2007, 9, 180-180</b>		145
1365	EFFICIENT ROUTING ON SCALE-FREE NETWORKS. <b>2007, 21, 4071-4075</b>		4
1364	TRANSPORT ON COMPLEX NETWORKS: FLOW, JAMMING AND OPTIMIZATION. <b>2007, 17, 2363-2385</b>		104
1363	The importance of bottlenecks in protein networks: correlation with gene essentiality and expression dynamics. <b>2007, 3, e59</b>		657
1362	The genetic programming collaboration network and its communities. <b>2007,</b>		6
1361	Structural constraints in complex networks. <b>2007, 9, 173-173</b>		49
1360	Personal Networks and Ethnic Identifications: The Case of Migrants in Spain. <b>2007, 22, 721-741</b>		128
1359	Finding and evaluating the hierarchical structure in complex networks. <b>2007, 40, 5013-5023</b>		9
1358	The Watts-Brogatz network model developed by including degree distribution: theory and computer simulation. <b>2007, 40, 8237-8246</b>		21
1357	Modeling the Telephone Call Network. <b>2007,</b>		1
1356	Phase transitions for a rock-scissors-paper model with long-range-directed interactions. <b>2007, 40, 4477-4482</b>		13
1355	Modular effects on epidemic dynamics in small-world networks. <b>2007, 79, 38002</b>		13
1354	Emergence of a non-scaling degree distribution in bipartite networks: A numerical and analytical study. <b>2007, 79, 28001</b>		23
1353	Modular Epidemic Spreading in Small-World Networks. <b>2007, 24, 1114-1117</b>		3
1352	Fast algorithm for successive computation of group betweenness centrality. <i>Physical Review E,</i> <b>2007, 76, 056709</b>	2.4	35
1351	Statistical properties of sampled networks by random walks. <i>Physical Review E,</i> <b>2007, 75, 046114</b>	2.4	40

1350	Modeling the coevolution of topology and traffic on weighted technological networks. <i>Physical Review E</i> , <b>2007</b> , 75, 026111	2.4	40
1349	Transport on weighted networks: When the correlations are independent of the degree. <i>Physical Review E</i> , <b>2007</b> , 76, 066106	2.4	32
1348	Solvable model for distribution networks on random graphs. <i>Physical Review E</i> , <b>2007</b> , 76, 041120	2.4	1
1347	Complex network study of Asian Go players. <b>2007</b> , 17, 023111		4
1346	Phase transition and hysteresis in scale-free network traffic. <i>Physical Review E</i> , <b>2007</b> , 75, 036102	2.4	42
1345	Betweenness centrality of fractal and nonfractal scale-free model networks and tests on real networks. <i>Physical Review E</i> , <b>2007</b> , 75, 056115	2.4	57
1344	Identification of complex networks by the method of stages. <b>2007</b> ,		
1343	A realistic model for complex networks with local interaction, self-organization and order. <b>2007</b> , 16, 287-291		6
1342	How to become a superhero. <b>2007</b> , 2007, P09020-P09020		19
1341	TOWARD A HARMONIOUS UNIFYING HYBRID MODEL FOR ANY EVOLVING COMPLEX NETWORKS. <b>2007</b> , 10, 117-141		10
1340	THE ROLE OF GEOGRAPHY AND TRAFFIC IN THE STRUCTURE OF COMPLEX NETWORKS. <b>2007</b> , 10, 5-28		8
1339	Bipartite network projection and personal recommendation. <i>Physical Review E</i> , <b>2007</b> , 76, 046115	2.4	637
1338	A quantitative measure for path structures of complex networks. <b>2007</b> , 78, 48005		2
1337	EXISTENCE, COST AND ROBUSTNESS OF SPATIAL SMALL-WORLD NETWORKS. <b>2007</b> , 17, 2331-2342		0
1336	Generalizations of the clustering coefficient to weighted complex networks. <i>Physical Review E</i> , <b>2007</b> , 75, 027105	2.4	348
1335	Controllability of complex networks via pinning. <i>Physical Review E</i> , <b>2007</b> , 75, 046103	2.4	315
1334	Deployment of DNIDS in Social Networks. <b>2007</b> ,		14
1333	Routing strategy on a two-dimensional small-world network model. <i>Physical Review E</i> , <b>2007</b> , 75, 066115	2.4	7

1332	Detecting complex network modularity by dynamical clustering. <i>Physical Review E</i> , <b>2007</b> , 75, 045102	2.4	149
1331	OPTIMAL PATH AND MINIMAL SPANNING TREES IN RANDOM WEIGHTED NETWORKS. <b>2007</b> , 17, 2215-2255		51
1330	Modularity and community detection in bipartite networks. <i>Physical Review E</i> , <b>2007</b> , 76, 066102	2.4	420
1329	Análisis de la red de colaboración científica sobre tabaquismo entre centros sanitarios españoles a través del Science Citation Index (1999-2003). <b>2007</b> , 43, 378-385		7
1328	Radial structure of the Internet. <b>2007</b> , 463, 1231-1246		7
1327	Patterns of research collaboration in a digital library for Economics. <b>2007</b> , 43, 1-15		5
1326	Taxonomic knowledge structure discovery from imagery-based data using the neural associative incremental learning (NAIL) algorithm. <b>2007</b> , 8, 295-315		11
1325	Korean university life in a network perspective: Dynamics of a large affiliation network. <b>2007</b> , 373, 821-830		76
1324	Weighted network properties of Chinese nature science basic research. <b>2007</b> , 377, 302-314		33
1323	A local-world network model based on inter-node correlation degree. <b>2007</b> , 378, 561-572		29
1322	The origin of preferential attachment and the generalized preferential attachment for weighted networks. <b>2007</b> , 377, 709-716		2
1321	Weighted assortative and disassortative networks model. <b>2007</b> , 378, 591-602		68
1320	Local-world evolving networks with tunable clustering. <b>2007</b> , 380, 639-650		23
1319	The effect of generalized deactivation mechanism in weighted networks. <b>2007</b> , 380, 611-620		4
1318	Fingerprinting networks: Correlations of local and global network properties. <b>2007</b> , 381, 444-456		6
1317	Empirical analysis of a scale-free railway network in China. <b>2007</b> , 382, 693-703		91
1316	From unweighted to weighted networks with local information. <b>2007</b> , 385, 370-378		11
1315	Empirical analysis of the evolution of a scientific collaboration network. <b>2007</b> , 385, 750-764		66

1314	Properties of transportation dynamics on scale-free networks. <b>2007</b> , 373, 837-844	18
1313	The structure of weighted small-world networks. <b>2007</b> , 376, 708-718	24
1312	Structure of the cross-talk collaboration network of China. <b>2007</b> , 376, 738-746	2
1311	A Monte Carlo model for networks between professionals and society. <b>2007</b> , 377, 698-708	1
1310	Networks of interactions in the secondary and tertiary structure of ribosomal RNA. <b>2007</b> , 386, 564-572	2
1309	Small-world effect induced by weight randomization on regular networks. <b>2007</b> , 364, 488-493	11
1308	Scaling behavior of an artificial traffic model on scale-free networks. <b>2007</b> , 366, 14-19	15
1307	An automatic method to generate domain-specific investigator networks using PubMed abstracts. <b>2007</b> , 7, 17	13
1306	Rank-based model for weighted network with hierarchical organization and disassortative mixing. <b>2007</b> , 56, 167-171	5
1305	Drastic events make evolving networks. <b>2007</b> , 57, 89-94	6
1304	Recursive weighted treelike networks. <b>2007</b> , 59, 99-107	20
1303	Attack induced cascading breakdown in complex networks. <b>2007</b> , 13, 67-76	4
1302	Does self-citation pay?. <b>2007</b> , 72, 427-437	154
1301	Targeted Local Immunization in Scale-Free Peer-to-Peer Networks. <b>2007</b> , 22, 457-468	3
1300	Lamellar pattern formation in small-world media. <b>2008</b> , 387, 1033-1048	1
1299	Dynamical properties of transportation on complex networks. <b>2008</b> , 387, 1352-1360	16
1298	Evolutionary prisoner's dilemma game on weighted scale-free networks. <b>2008</b> , 387, 3796-3800	33
1297	Traffic of packets with non-homogeneously selected destinations in scale-free network. <b>2008</b> , 387, 4709-4715	26

1296	Looking for robust properties in the growth of an academic network: the case of the Uruguayan biological research community. <b>2008</b> , 34, 149-61	1
1295	Exploring the structure of the U.S. intercity passenger air transportation network: a weighted complex network approach. <b>2008</b> , 73, 87-102	91
1294	Cluster ranking with an application to mining mailbox networks. <b>2008</b> , 14, 101-139	13
1293	When different persons have an identical author name. How frequent are homonyms?. <b>2008</b> , 59, 838-841	23
1292	Synchronization in complex networks. <b>2008</b> , 469, 93-153	2392
1291	An empirical study of Chinese language networks. <b>2008</b> , 387, 3039-3047	27
1290	Random walks and diameter of finite scale-free networks. <b>2008</b> , 387, 3033-3038	14
1289	Centrality properties of directed module members in social networks. <b>2008</b> , 387, 4959-4966	7
1288	Concentric characterization and classification of complex network nodes: Application to an institutional collaboration network. <b>2008</b> , 387, 6201-6214	16
1287	Detecting the community structure in complex networks based on quantum mechanics. <b>2008</b> , 387, 6215-6224	13
1286	Symmetry in complex networks. <b>2008</b> , 156, 3525-3531	114
1285	On variants of shortest-path betweenness centrality and their generic computation. <b>2008</b> , 30, 136-145	461
1284	Analyzing open-source software systems as complex networks. <b>2008</b> , 387, 6190-6200	55
1283	Traffic dynamics in scale-free networks with limited packet-delivering capacity. <b>2008</b> , 387, 6857-6862	41
1282	Topologies and Laplacian spectra of a deterministic uniform recursive tree. <b>2008</b> , 63, 507-513	22
1281	Transition from fractal to non-fractal scalings in growing scale-free networks. <b>2008</b> , 64, 277-283	18
1280	Methodology capture: discriminating between the "best" and the rest of community practice. <b>2008</b> , 9, 359	12
1279	The integrated analysis of metabolic and protein interaction networks reveals novel molecular organizing principles. <b>2008</b> , 2, 100	45



1278	An in silico method for detecting overlapping functional modules from composite biological networks. <b>2008</b> , 2, 93	25
1277	Using complex network metrics to predict the persistence of metapopulations with asymmetric connectivity patterns. <b>2008</b> , 214, 201-209	48
1276	Community Detection Based on Weighted Networks. <b>2008</b> ,	0
1275	Network integration and graph analysis in mammalian molecular systems biology. <b>2008</b> , 2, 206-21	31
1274	Scientific Collaboration Network Evolution Model Based on Motif Emerging. <b>2008</b> ,	2
1273	Paper review assignment based on human-knowledge network. <b>2008</b> ,	6
1272	Prominence and control: the weighted rich-club effect. <b>2008</b> , 101, 168702	223
1271	Node Weight Distribution and Disparity of Some Collaboration/Competition Networks. <b>2008</b> , 25, 4181-4184	10
1270	Comparison of algorithms in graph partitioning. <b>2008</b> , 42, 469-484	3
1269	Evolving Small-World Networks of the Local World with Tunable Clustering. <b>2008</b> ,	2
1268	Discovering global network communities based on local centralities. <b>2008</b> , 2, 1-32	20
1267	Fluctuation-driven capacity distribution in complex networks. <b>2008</b> , 10, 053022	32
1266	Scalable semantic analytics on social networks for addressing the problem of conflict of interest detection. <b>2008</b> , 2, 1-29	23
1265	An algorithm to determine peer-reviewers. <b>2008</b> ,	29
1264	Applying weighted network measures to microarray distance matrices. <b>2008</b> , 41, 224011	2
1263	Border trees of complex networks. <b>2008</b> , 41, 224005	9
1262	Optimal resource allocation for efficient transport on complex networks. <b>2008</b> , 83, 28001	17
1261	Chain motifs: the tails and handles of complex networks. <i>Physical Review E</i> , <b>2008</b> , 77, 026106	2.4 13

1260	Rich-club vs rich-multipolarization phenomena in weighted networks. <i>Physical Review E</i> , <b>2008</b> , 78, 026101.	1.4	28
1259	Evolving Small-World Networks based on the Modified BA Model. <b>2008</b> ,		10
1258	Innovation group in author collaboration network. <b>2008</b> ,		
1257	Scale-free networks as entropy competition. <i>Physical Review E</i> , <b>2008</b> , 78, 046114	2.4	3
1256	Biclique communities. <i>Physical Review E</i> , <b>2008</b> , 78, 016108	2.4	91
1255	Condensation phenomena of a conserved-mass aggregation model on weighted complex networks. <i>Physical Review E</i> , <b>2008</b> , 77, 066105	2.4	17
1254	Generalized strength of weighted scale-free networks. <i>Physical Review E</i> , <b>2008</b> , 78, 066104	2.4	6
1253	An extensive weight-driven network with non-linear growth information. <b>2008</b> , 84, 58006		9
1252	Searching good indicators for predicting the synchronizability of heterogeneous networks and beyond. <b>2008</b> , 84, 50003		1
1251	An empirical study of Chinese word-word language directed network. <b>2008</b> ,		
1250	De l'importance des réseaux sociaux en marketing. <b>2008</b> , XLVII, 95		3
1249	An analysis of the abstracts presented at the annual meetings of the Society for Neuroscience from 2001 to 2006. <b>2008</b> , 3, e2052		8
1248	Small World Networks with Segregation Patterns and Brokers. <b>2009</b> ,		
1247	Ising-like dynamics in large-scale functional brain networks. <i>Physical Review E</i> , <b>2009</b> , 79, 061922	2.4	133
1246	Pheromone routing protocol on a scale-free network. <i>Physical Review E</i> , <b>2009</b> , 80, 066110	2.4	49
1245	Abnormal cascading on complex networks. <i>Physical Review E</i> , <b>2009</b> , 80, 036109	2.4	35
1244	Detecting Community Structure in Weighted Email Network. <b>2009</b> ,		0
1243	Empirical analysis of Internet telephone network: from user ID to phone. <b>2009</b> , 19, 023101		23

1242	Path planning using a lazy spatial network PRM. <b>2009,</b>		2
1241	LiterMiner: A Literature Visual Analytic System. <b>2009,</b>		
1240	flowNet: Flow-Based Approach for Efficient Analysis of Complex Biological Networks. <b>2009,</b>		6
1239	Collectively optimal routing for congested traffic limited by link capacity. <i>Physical Review E</i> , <b>2009,</b> 80, 066116	2.4	38
1238	Communities and Emerging Semantics in Semantic Link Network: Discovery and Learning. <b>2009,</b> 21, 785-799		155
1237	Robustness of trans-European gas networks. <i>Physical Review E</i> , <b>2009,</b> 80, 016106	2.4	67
1236	Detecting community structure of complex networks by affinity propagation. <b>2009,</b>		
1235	Differences in human and chimpanzee gene expression patterns define an evolving network of transcription factors in brain. <b>2009,</b> 106, 22358-63		109
1234	A comparative analysis of authors' patterns of subjects, degree and extensity centrality. <b>2009,</b>		
1233	A Novel Clustering Algorithm for Graphs. <b>2009,</b>		2
1232	EVOLUTIONARY GAMES IN MULTI-AGENT SYSTEMS OF WEIGHTED SOCIAL NETWORKS. <b>2009,</b> 20, 701-710		17
1231	Fast Matching for All Pairs Similarity Search. <b>2009,</b>		18
1230	Study on the knowledge sharing of communities of practice based on the small-world network model. <b>2009,</b>		1
1229	Protecting infrastructure networks from cost-based attacks. <b>2009,</b> 11, 033006		10
1228	Epidemic spreading in weighted scale-free networks with community structure. <b>2009,</b> 2009, P07043		30
1227	Structural and spectral properties of a family of deterministic recursive trees: rigorous solutions. <b>2009,</b> 42, 165103		7
1226	Symbiotic effect: A guideline for network modeling. <b>2009,</b> 87, 68002		3
1225	Evolutionary Games on Weighted Newman-Watts Small-World Networks. <b>2009,</b> 26, 058701		16

1224	Uniqueness is Important in Competition. <b>2009</b> , 26, 058901	3
1223	Social implications of the battle of the sexes: sexual harassment disrupts female sociality and social recognition. <b>2009</b> , 276, 2651-6	47
1222	A Mixed Mechanism of Weighted-Driven and Inner Selection in Networks. <b>2009</b> , 51, 947-953	4
1221	Exploring biological network structure with clustered random networks. <b>2009</b> , 10, 405	65
1220	Identifying disease-specific genes based on their topological significance in protein networks. <b>2009</b> , 3, 36	95
1219	Author name disambiguation for collaboration network analysis and visualization. <b>2009</b> , 46, 1-20	16
1218	Mapping research specialties. <b>2009</b> , 42, 213-295	132
1217	Effects of accelerating growth on the evolution of weighted complex networks. <b>2009</b> , 388, 225-232	17
1216	Effect of edge removal on topological and functional robustness of complex networks. <b>2009</b> , 388, 2243-2253	19
1215	Comparison of cascading failures in small-world and scale-free networks subject to vertex and edge attacks. <b>2009</b> , 388, 4491-4498	35
1214	Why organizational networks in reality do not show scale-free distributions. <b>2009</b> , 15, 169-190	1
1213	Networks of scientific journals: An exploration of Chinese patent data. <b>2009</b> , 80, 283-302	18
1212	Modeling idiosyncratic properties of collaboration networks revisited. <b>2009</b> , 80, 195-216	4
1211	Organizational and dynamical aspects of a small network with two distinct communities: Neo-creationists vs. Evolution Defenders. <b>2009</b> , 80, 457-472	11
1210	A measure of authors' centrality in co-authorship networks based on the distribution of collaborative relationships. <b>2009</b> , 81, 499-511	44
1209	Generalized collaboration networks in software systems: a case study of Linux kernels. <b>2009</b> , 3, 421-426	
1208	Measuring connectivity patterns in a macro-corridor on the south coast of Western Australia. <b>2009</b> , 10, 51-57	4
1207	Effect of Small-World Networks on Epidemic Propagation and Intervention. <b>2009</b> , 41, 263-282	19

1206	A structured overview of 50 years of small-world research. <b>2009</b> , 31, 165-178	98
1205	Clustering in weighted networks. <b>2009</b> , 31, 155-163	561
1204	Empirical analysis of dependence between stations in Chinese railway network. <b>2009</b> , 388, 2949-2955	44
1203	Betweenness centrality in finite components of complex networks. <b>2009</b> , 388, 4277-4285	6
1202	Scientific discovery and topological transitions in collaboration networks. <b>2009</b> , 3, 210-221	89
1201	Connectivity of growing networks with link constraints. <b>2009</b> , 70, 211-215	
1200	Statistical physics of social dynamics. <b>2009</b> , 81, 591-646	2482
1199	Research impact within the international arid literature: An Australian perspective based on network theory. <b>2009</b> , 73, 862-871	2
1198	The Fractal Dimensions of Complex Networks. <b>2009</b> , 26, 088901	25
1197	Mining and Analyzing Multirelational Social Networks. <b>2009</b> ,	7
1196	Distribution for the number of coauthors. <i>Physical Review E</i> , <b>2009</b> , 80, 057101	2.4 10
1195	On Structural Properties of Large-Scale Software Systems: From the Perspective of Complex Networks. <b>2009</b> ,	2
1194	. <b>2009</b> ,	3
1193	Stripe domain coarsening in geographical small-world networks on a Euclidean lattice. <i>Physical Review E</i> , <b>2009</b> , 80, 036117	2.4 1
1192	Identifying vulnerable lines in a power network using complex network theory. <b>2009</b> ,	50
1191	Quantifying the connectivity of a network: the network correlation function method. <i>Physical Review E</i> , <b>2009</b> , 80, 046104	2.4 32
1190	Collaborative Intensity in Social Networks. <b>2009</b> ,	3
1189	Research on Module Division Method Based on Complex Network Theory. <b>2009</b> ,	1

1188	Role of weak ties in link prediction of complex networks. <b>2009</b> ,	22
1187	Collective privacy management in social networks. <b>2009</b> ,	120
1186	The growth of astrophysical understanding. <b>2009</b> , 5, 22-32	
1185	Visualization of scientific co-authorship in Spanish universities. <b>2009</b> , 61, 83-100	26
1184	Integrating fluctuations into distribution of resources in transportation networks. <b>2010</b> , 76, 31-36	5
1183	Privacy policies for shared content in social network sites. <b>2010</b> , 19, 777-796	52
1182	Optimal information transmission in organizations: search and congestion. <b>2010</b> , 14, 75-93	8
1181	Mapping library and information science in China: a coauthorship network analysis. <b>2010</b> , 83, 115-131	63
1180	Collaboration in sensor network research: an in-depth longitudinal analysis of assortative mixing patterns. <b>2010</b> , 84, 687-701	28
1179	The structure of collaboration in the Journal of Finance. <b>2010</b> , 85, 849-860	43
1178	A semi-supervised learning approach to predict synthetic genetic interactions by combining functional and topological properties of functional gene network. <b>2010</b> , 11, 343	76
1177	Topological centrality and its e-Science applications. <b>2010</b> , 61, 1824-1841	37
1176	When metabolism meets topology: Reconciling metabolite and reaction networks. <b>2010</b> , 32, 246-256	36
1175	The effect of porosity gradient in a Nickel/Yttria Stabilized Zirconia anode for an anode-supported planar solid oxide fuel cell. <b>2010</b> , 195, 821-824	35
1174	Bandwidth allocation strategy for traffic systems of scale-free network. <b>2010</b> , 374, 4825-4830	38
1173	Growth and structure of Slovenia's scientific collaboration network. <b>2010</b> , 4, 475-482	86
1172	An adaptive overlay network inspired by social behaviour. <b>2010</b> , 70, 282-295	11
1171	Statistical properties of weighted complex networks characterized by metaweights. <b>2010</b> , 389, 1265-1272	2

1170	Local model of a scientific collaboration in physics network compared with the global model. <b>2010</b> , 389, 5530-5537			5
1169	Node centrality in weighted networks: Generalizing degree and shortest paths. <b>2010</b> , 32, 245-251			1690
1168	Structure and Evolution of Scientific Collaboration Networks in a Modern Research Collaboratory. <b>2010</b> ,			4
1167	Mapping the evolution of scientific fields. <b>2010</b> , 5, e10355			46
1166	A Theoretical Model of Commercialization of Innovations: Integrating Networks, Absorptive Capacity and Ambidexterity. <b>2010</b> ,			0
1165	Collaboration networks and scientific impact among behavioral ecologists. <b>2010</b> , 21, 431-435			15
1164	Enhancing synchronizability by rewiring networks. <b>2010</b> , 19, 080207			8
1163	Hierarchy property of traffic networks. <b>2010</b> , 19, 090510			0
1162	Optimal transport on supply-demand networks. <i>Physical Review E</i> , <b>2010</b> , 81, 066105	2.4		11
1161	Study on the dynamic characteristics of BBV weighted network. <b>2010</b> ,			
1160	Modeling discrete combinatorial systems as alphabetic bipartite networks: theory and applications. <i>Physical Review E</i> , <b>2010</b> , 81, 036103	2.4		11
1159	A novel evolving network model with widely weighted dynamics. <b>2010</b> ,			
1158	. <b>2010</b> ,			0
1157	The degree distribution and degree correlations of the network with both preferential and random attachments. <b>2010</b> ,			
1156	An Evaluation Method for Vital Researchers within the Bipartite Scientific Collaboration Network. <b>2010</b> ,			
1155	Different behaviors of epidemic spreading in scale-free networks with identical degree sequence. <b>2010</b> , 43, 065001			4
1154	Emergence of global preferential attachment from local interaction. <b>2010</b> , 12, 043029			13
1153	Inferring relevant social networks from interpersonal communication. <b>2010</b> ,			87

1152	Betweenness centrality of an edge in tree-like components with finite size. <b>2010</b> , 43, 485003		2
1151	Asymptotic analysis of first passage time in complex networks. <b>2010</b> , 90, 40005		15
1150	Routing betweenness centrality. <b>2010</b> , 57, 1-27		95
1149	Topological analysis of structural roles of proteins in interactome networks. <b>2010</b> ,		
1148	Stability of maximum-likelihood-based clustering methods: exploring the backbone of classifications. <b>2010</b> , 2010, P04028		5
1147	Sensitivity of complex networks measurements. <b>2010</b> , 2010, P03009		6
1146	Resisting Sybil Attack By Social Network and Network Clustering. <b>2010</b> ,		7
1145	Dynamics of Dyads in Social Networks: Assortative, Relational, and Proximity Mechanisms. <b>2010</b> , 36, 91-115		517
1144	Knowledge acquisition by networks of interacting agents in the presence of observation errors. <i>Physical Review E</i> , <b>2010</b> , 82, 016103	2.4	4
1143	Optimization of transport protocols with path-length constraints in complex networks. <i>Physical Review E</i> , <b>2010</b> , 82, 036119	2.4	17
1142	Supervised Machine Learning Applied to Link Prediction in Bipartite Social Networks. <b>2010</b> ,		65
1141	Research Collaboration and ITS Topic Evolution: 10 Years at T-ITS. <b>2010</b> , 11, 517-523		27
1140	Global dynamic routing for scale-free networks. <i>Physical Review E</i> , <b>2010</b> , 81, 016113	2.4	138
1139	Incorporating asymmetric connectivity into spatial decision making for conservation. <b>2010</b> , 3, 359-368		102
1138	Centrality scaling in large networks. <b>2010</b> , 105, 038701		31
1137	A pattern recognition approach to complex networks. <b>2010</b> , 2010, P11015		13
1136	User Centric Policy Management in Online Social Networks. <b>2010</b> ,		12
1135	User Interaction Based Network Growth Model of Semantic Link Network. <b>2010</b> ,		0



1134	Research on post-bidding bundle strategy for online reverse auction. <b>2010,</b>		
1133	A New Approach to Detect Communities in Multi-weighted Co-authorship Networks. <b>2010,</b>		2
1132	Massive streaming data analytics: A case study with clustering coefficients. <b>2010,</b>		41
1131	A Flow-Based Centrality Measure through Resistance Distances in Smart-Grid Networks. <b>2011,</b>		2
1130	Analysis of fusing online and co-presence social networks. <b>2011,</b>		8
1129	Structural Analysis in the Collaborative Research Network -- The Empirices of Chinese Meteorology Researchers. <b>2011,</b>		1
1128	STAR: Storage aware routing protocol for generalized Delay Tolerant Networks. <b>2011,</b>		1
1127	Active learning for node classification in assortative and disassortative networks. <b>2011,</b>		14
1126	National Critical Infrastructure Modeling and Analysis Based on Complex System Theory. <b>2011,</b>		3
1125	Centrality measures and thermodynamic formalism for complex networks. <i>Physical Review E</i> , <b>2011,</b> 83, 046117	2.4	46
1124	Probing the allosteric mechanism in pyrrolysyl-tRNA synthetase using energy-weighted network formalism. <b>2011,</b> 50, 6225-36		50
1123	Using explosive percolation in analysis of real-world networks. <i>Physical Review E</i> , <b>2011,</b> 83, 046112	2.4	37
1122	Identifying influential directors in the United States corporate governance network. <i>Physical Review E</i> , <b>2011,</b> 84, 046101	2.4	22
1121	Traffic Congestion on Clustered Random Complex Networks. <b>2011,</b> 13-21		1
1120	General rules for managing and surveying networks of pests, diseases, and endangered species. <b>2011,</b> 108, 8323-8		138
1119	Metaknowledge. <b>2011,</b> 331, 721-5		157
1118	Modeling of collaboration social network including temporal attributes. <b>2011,</b>		1
1117	Time Based Modeling of Collaboration Social Networks. <b>2011,</b> 409-418		1

1116	Effective connectivity analysis of fMRI and MEG data collected under identical paradigms. <b>2011</b> , 41, 1156-65	24
1115	The Small World of File Sharing. <b>2011</b> , 22, 1120-1134	23
1114	Viral Economics: An Epidemiological Model of Knowledge Diffusion in Economics. <b>2011</b> ,	1
1113	Statistically validated networks in bipartite complex systems. <b>2011</b> , 6, e17994	138
1112	Use of proximity loggers and network analysis to quantify social interactions in free-ranging wild rabbit populations. <b>2011</b> , 38, 1	17
1111	Geographical influences of an emerging network of gang rivalries. <b>2011</b> , 390, 3894-3914	26
1110	The effect of packet lifetime on scale-free network information traffic. <b>2011</b> , 390, 3982-3988	12
1109	A weighted local-world evolving network model with aging nodes. <b>2011</b> , 390, 4012-4026	32
1108	Diversity of social ties in scientific collaboration networks. <b>2011</b> , 390, 4627-4635	15
1107	On the degree distribution of projected networks mapped from bipartite networks. <b>2011</b> , 390, 4636-4651	18
1106	The influence of tie strength on evolutionary games on networks: An empirical investigation. <b>2011</b> , 390, 4502-4513	7
1105	Knowledge mapping for rapidly evolving domains: A design science approach. <b>2011</b> , 50, 415-427	30
1104	Environmental effects on social interaction networks and male reproductive behaviour in guppies, <i>Poecilia reticulata</i> . <b>2011</b> , 81, 551-558	33
1103	Alternative approaches of transforming bimodal into unimodal mutualistic networks. The usefulness of preserving weighted information. <b>2011</b> , 12, 713-721	25
1102	Impact of random failures and attacks on Poisson and power-law random networks. <b>2011</b> , 43, 1-31	16
1101	Coarse-grained Monte Carlo simulations of the phase transition of the Potts model on weighted networks. <i>Physical Review E</i> , <b>2011</b> , 83, 066109	2.4 2
1100	Insights into a spatially embedded social network from a large-scale snowball sample. <b>2011</b> , 84, 549-561	12
1099	A dissipative network model with neighboring activation. <b>2011</b> , 84, 115-120	11

1098	Virtual communities? The Middle East revolutions at the Guardian forum: Comment Is Free. <b>2011</b> , 83, 525-529	5
1097	Entropy based community detection in augmented social networks. <b>2011</b> ,	28
1096	Does cumulative advantage affect collective learning in science? An agent-based simulation. <b>2011</b> , 89, 437-463	10
1095	Shaping the interdisciplinary knowledge network of China: a network analysis based on citation data from 1981 to 2010. <b>2011</b> , 89, 89-106	12
1094	Evolutionary dynamics of scientific collaboration networks: multi-levels and cross-time analysis. <b>2011</b> , 89, 687-710	78
1093	Research groups of oncology co-authorship network in China. <b>2011</b> , 89, 553-567	20
1092	Multi-modal social networks for modeling scientific fields. <b>2011</b> , 89, 569-590	11
1091	Adaptive synchronization of bipartite dynamical networks with distributed delays and nonlinear derivative coupling. <b>2011</b> , 16, 4089-4098	23
1090	Exploring the random genesis of co-occurrence networks. <b>2011</b> , 390, 1516-1528	
1089	Generalizing unweighted network measures to capture the focus in interactions. <b>2011</b> , 1, 255-269	12
1088	A systematic approach to the one-mode projection of bipartite graphs. <b>2011</b> , 1, 187-218	71
1087	Structure and collaboration relationship analysis in a scientific collaboration network. <b>2011</b> , 56, 3702-3706	4
1086	Mining enriched contextual information of scientific collaboration: A meso perspective. <b>2011</b> , 62, 831-845	17
1085	Collaboration in computer science: A network science approach. <b>2011</b> , 62, 1992-2012	58
1084	Mining Dense Overlapping Subgraphs in weighted protein-protein interaction networks. <b>2011</b> , 103, 392-9	5
1083	Epidemic spreading with nonlinear infectivity in weighted scale-free networks. <b>2011</b> , 390, 471-481	63
1082	Semantic networks based on titles of scientific papers. <b>2011</b> , 390, 1192-1197	21
1081	Weighted scale-free networks induced by group preferential mechanism. <b>2011</b> , 390, 1826-1833	10

1080	The Network Autocorrelation Model using Two-mode Data: Affiliation Exposure and Potential Bias in the Autocorrelation Parameter. <b>2011</b> , 33, 231-243		38
1079	Dynamic scaling, data-collapse and self-similarity in Barabási-Albert networks. <b>2011</b> , 44, 175101		8
1078	Impact of research funding on nanobiotechnology scientific production: Does concentration in a few universities make sense?. <b>2011</b> ,		1
1077	Constrained randomization of weighted networks. <i>Physical Review E</i> , <b>2011</b> , 84, 026103	2.4	19
1076	Evaluating knowledge flow in multirelational scientific social networks. <b>2011</b> ,		1
1075	Node-Pair Feature Extraction for Link Prediction. <b>2011</b> ,		3
1074	Community characterization of heterogeneous complex systems. <b>2011</b> , 2011, P01019		34
1073	Competition Ability Dependence on Uniqueness in General Cooperation-Competition Systems. <b>2011</b> , 28, 028901		
1072	Undetermination of the relation between network synchronizability and betweenness centrality. <b>2011</b> , 20, 048903		2
1071	INTEGRATING LOCAL DYNAMIC AND GLOBAL STATIC INFORMATION FOR ROUTING TRAFFIC ON NETWORKS. <b>2011</b> , 22, 649-659		
1070	The Simulation Research on the Evolving Trade Network of the Cluster of the Information Industry in Xi'an. <b>2011</b> ,		
1069	Degree centrality in scientific collaboration supernetwork. <b>2011</b> ,		8
1068	ENHANCING NETWORK PERFORMANCE BY EDGE ADDITION. <b>2011</b> , 22, 1211-1226		62
1067	THE ARCHITECTURE OF A NOVEL WEIGHTED NETWORK: SUBJECT CATEGORIES NETWORK. <b>2011</b> , 25, 1263-1274		1
1066	CO-CITATIONS AND RELEVANCE OF AUTHORS AND AUTHOR GROUPS. <b>2011</b> , 19, 127-139		
1065	Finding a Wise Group of Experts in Social Networks. <b>2011</b> , 381-394		18
1064	Introduction to network analysis in systems biology. <b>2011</b> , 4, tr5		79
1063	Ak-shell decomposition method for weighted networks. <b>2012</b> , 14, 083030		160

1062	Vertex neighborhoods, low conductance cuts, and good seeds for local community methods. <b>2012,</b>		91
1061	Fluctuation-induced traffic congestion in heterogeneous networks. <b>2012, 100, 36002</b>		3
1060	Enhancing transport efficiency by hybrid routing strategy. <b>2012, 99, 20007</b>		3
1059	Effects of node buffer and capacity on network traffic. <b>2012, 21, 098902</b>		11
1058	Theory-Informed Design and Evaluation of an Advanced Search and Knowledge Mapping System in Nanotechnology. <b>2012, 28, 99-128</b>		15
1057	Evolving weighted networks with edge weight dynamical growth. <b>2012, 41, 1244-1251</b>		1
1056	The social network of software engineering research. <b>2012,</b>		4
1055	Event-based social networks. <b>2012,</b>		192
1054	Supercooperation in evolutionary games on correlated weighted networks. <i>Physical Review E</i> , <b>2012, 85, 016107</b>	2.4	18
1053	Traffic-driven epidemic outbreak on complex networks: how long does it take?. <b>2012, 22, 043146</b>		11
1052	Relaxation dynamics of scale-free polymer networks. <i>Physical Review E</i> , <b>2012, 86, 041803</b>	2.4	22
1051	Projections of company network with temporal data. <b>2012,</b>		
1050	Load distribution vector based attack strategies against power grid systems. <b>2012,</b>		0
1049	Modelling attacks and challenges to wireless networks. <b>2012,</b>		11
1048	IMPROVED EFFICIENT ROUTING STRATEGY ON SCALE-FREE NETWORKS. <b>2012, 23, 1250016</b>		29
1047	Detecting Community Structure of Complex Networks Based on Network Potential. <b>2012, 449-457</b>		
1046	Retrospective Relatedness Reconstruction: Applications to Adaptive Social Networks and Social Sentiment. <b>2012, 15, 663-692</b>		10
1045	AN EFFICIENT BANDWIDTH ALLOCATION STRATEGY FOR SCALE-FREE NETWORKS. <b>2012, 23, 1250065</b>		17

1044	Building Smaller Sized Surrogate Models of Complex Bipartite Networks Based on Degree Distributions. <b>2012</b> , 42, 1152-1166	3
1043	Extended HK evolving network model. <b>2012</b> ,	1
1042	A Self Training Semi-Supervised Truncated Kernel Projection Machine for Link Prediction. <b>2012</b> , 580, 369-373	1
1041	Mapping Nuclear Decay to a Complex Network. <b>2012</b> , 57, 490-492	
1040	Physician patient-sharing networks and the cost and intensity of care in US hospitals. <b>2012</b> , 50, 152-60	114
1039	Time Score: A New Feature for Link Prediction in Social Networks. <b>2012</b> , E95-D, 821-828	25
1038	Analysis of cascading failure in gene networks. <b>2012</b> , 3, 292	5
1037	The evolution of interdisciplinarity in physics research. <b>2012</b> , 2, 551	39
1036	Controlling centrality in complex networks. <b>2012</b> , 2, 218	44
1035	Identifying important nodes in weighted functional brain networks: a comparison of different centrality approaches. <b>2012</b> , 22, 023142	36
1034	. <b>2012</b> , 42, 802-813	5
1033	Networks and collective action. <b>2012</b> , 34, 570-584	6
1032	Evaluating User Community Influence in Online Social Networks. <b>2012</b> ,	8
1031	Analysis of networks in cyberinfrastructure-enabled research communities: A pilot study. <b>2012</b> , 49, 1-4	1
1030	Bankfirms topology in Italy. <b>2012</b> , 43, 851-866	33
1029	Book review. <b>2012</b> , 48, 3187-3188	
1028	Identifying Important Nodes in Weighted Covert Networks Using Generalized Centrality Measures. <b>2012</b> ,	11
1027	Semi-Supervised Policy Recommendation for Online Social Networks. <b>2012</b> ,	11

1026	The strength of strong ties in scientific collaboration networks. <b>2012</b> , 97, 18007	26
1025	Extended Topological Metrics for the Analysis of Power Grid Vulnerability. <b>2012</b> , 6, 481-487	86
1024	Visualizing the Invisible College: Community Among Authors in Top Social Work Journals. <b>2012</b> , 48, 537-552	
1023	Hidden protein folding pathways in free-energy landscapes uncovered by network analysis. <b>2012</b> , 8, 1176-1189	10
1022	Research on the evolution model of an energy supply-demand network. <b>2012</b> , 391, 4506-4516	10
1021	An evolution traffic network model considering the next-nearest neighbor. <b>2012</b> , 391, 4783-4789	1
1020	Industry influenced evidence production in collaborative research communities: a network analysis. <b>2012</b> , 65, 535-43	9
1019	Range-limited centrality measures in complex networks. <i>Physical Review E</i> , <b>2012</b> , 85, 066103	2.4 30
1018	Heat conduction information filtering via local information of bipartite networks. <b>2012</b> , 85, 1	16
1017	Complex network analysis in microbial systems: theory and examples. <b>2012</b> , 881, 551-71	2
1016	Random-growth urban model with geographical fitness. <b>2012</b> , 391, 5960-5970	7
1015	Network analysis of temporal trends in scholarly research productivity. <b>2012</b> , 6, 97-110	10
1014	Static and Dynamic Aspects of Scientific Collaboration Networks. <b>2012</b> ,	6
1013	Empirical analysis and modeling of users' topic interests in online forums. <b>2012</b> , 7, e50912	6
1012	Object Ranking in Evolutional Networks via Link Prediction. <b>2012</b> , 27, 223-234	
1011	Online Accessibility of Academic Articles and the Diversity of Economics. <b>2012</b> ,	
1010	Node-weighted measures for complex networks with spatially embedded, sampled, or differently sized nodes. <b>2012</b> , 85, 1	51
1009	Universal properties of mythological networks. <b>2012</b> , 99, 28002	47

1008	Posting, quoting, and replying: a comparison of methodological approaches to measure communication ties in web forums. <b>2012</b> , 46, 829-854	7
1007	Evolution of the research collaboration network in a productive department. <b>2012</b> , 18, 195-201	5
1006	Laplacian centrality: A new centrality measure for weighted networks. <b>2012</b> , 194, 240-253	88
1005	Surrogate-assisted analysis of weighted functional brain networks. <b>2012</b> , 208, 165-72	21
1004	Some results on approximate 1-median selection in metric spaces. <b>2012</b> , 426-427, 1-12	9
1003	Cross-institutional collaboration networks in tourism and hospitality research. <b>2012</b> , 2-3, 55-64	57
1002	Efficient packet routing strategy in complex networks. <b>2012</b> , 391, 895-904	34
1001	Detecting community structure using biased random merging. <b>2012</b> , 391, 1797-1810	2
1000	Extractive summarization using complex networks and syntactic dependency. <b>2012</b> , 391, 1855-1864	39
999	An extended clique degree distribution and its heterogeneity in cooperation-competition networks. <b>2012</b> , 391, 2454-2462	1
998	Power-law accelerating growth complex networks with mixed attachment mechanisms. <b>2012</b> , 391, 2778-2787	2
997	A general evolving model for growing bipartite networks. <b>2012</b> , 376, 1827-1832	9
996	Core/periphery scientific collaboration networks among very similar researchers. <b>2012</b> , 72, 463-483	3
995	Enabling cross-site interactions in social networks. <b>2013</b> , 3, 93-106	3
994	A modified evidential methodology of identifying influential nodes in weighted networks. <b>2013</b> , 392, 5490-5500	90
993	Network deconvolution as a general method to distinguish direct dependencies in networks. <b>2013</b> , 31, 726-33	174
992	A categorization of recent network approaches to analyse trophic interactions. <b>2013</b> , 4, n/a-n/a	4
991	Mapping research collaborations in the business and management field in Malaysia, 1980-2010. <b>2013</b> , 97, 491-517	47



990	On bibliographic networks. <b>2013</b> , 96, 845-864	72
989	Community structure detection in social networks based on dictionary learning. <b>2013</b> , 56, 1-12	4
988	A modular attachment mechanism for software network evolution. <b>2013</b> , 392, 2025-2037	20
987	Mining diversity subgraph in multidisciplinary scientific collaboration networks: A meso perspective. <b>2013</b> , 7, 117-128	21
986	. <b>2013</b> ,	2
985	Classification of transport backbones of complex networks. <i>Physical Review E</i> , <b>2013</b> , 88, 060802	2.4 3
984	Considering clustering measures: Third ties, means, and triplets. <b>2013</b> , 35, 300-308	7
983	. <b>2013</b> ,	7
982	Weighted node degree centrality for hypergraphs. <b>2013</b> ,	6
981	Computing betweenness centrality in external memory. <b>2013</b> ,	3
980	. <b>2013</b> ,	
979	Exploring Ideation: Knowledge Development in Science through the Lens of Semantic and Social Networks. <b>2013</b> ,	1
978	Using Link Prediction to Estimate the Collaborative Influence of Researchers. <b>2013</b> ,	6
977	ADIOS Visualization Schema: A First Step Towards Improving Interdisciplinary Collaboration in High Performance Computing. <b>2013</b> ,	8
976	Constructing and Analyzing Uncertain Social Networks from Unstructured Textual Data. <b>2013</b> , 41-61	3
975	Community Detection from Bipartite Networks. <b>2013</b> ,	3
974	Identifying superspreaders for epidemics using R0-adjusted network centrality. <b>2013</b> ,	1
973	Examining the relationship of co-authorship network centrality and gender on academic research performance: the case of chemistry researchers in Pakistan. <b>2013</b> , 94, 755-775	60

972	Improve Network's Robustness Against Cascade with Rewiring. <b>2013</b> , 24, 239-248	3
971	Triadic closure in two-mode networks: Redefining the global and local clustering coefficients. <b>2013</b> , 35, 159-167	225
970	Analysis on Refinery System as a Complex Task-resource Network. <b>2013</b> , 21, 253-262	1
969	Betweenness computation in the single graph representation of hypergraphs. <b>2013</b> , 35, 561-572	4
968	The ECHORD project proposals analysis IResearch profiles, collaboration patterns and research topic trends. <b>2013</b> , 40, 7132-7140	4
967	Institutional and country collaboration in an online service of scientific profiles: Google Scholar Citations. <b>2013</b> , 7, 394-403	22
966	Analyzing connectivity in collective transportation line networks by means of hypergraphs. <b>2013</b> , 215, 93-108	6
965	Modeling access network: Maximum node-degree determines the traffic of the internet. <b>2013</b> , 215, 145-151	
964	Network analysis: an integrative approach to the structure of psychopathology. <b>2013</b> , 9, 91-121	1319
963	Group and link analysis of multi-relational scientific social networks. <b>2013</b> , 86, 1819-1830	24
962	What is the difference of research collaboration network under different projections: Topological measurement and analysis. <b>2013</b> , 392, 3248-3259	6
961	Identifying influential nodes in weighted networks based on evidence theory. <b>2013</b> , 392, 2564-2575	152
960	Quantifying the interdisciplinarity of scientific journals and fields. <b>2013</b> , 7, 469-477	35
959	Probability routing strategy for scale-free networks. <b>2013</b> , 392, 953-958	9
958	Effect of attachment strategies on bipartite networks. <b>2013</b> , 86, 1	
957	Community detection by modularity maximization using GRASP with path relinking. <b>2013</b> , 40, 3121-3131	41
956	When does centrality matter? Scientific productivity and the moderating role of research specialization and cross-community ties. <b>2013</b> , 34, 648-670	40
955	Regional innovation and performance. <b>2013</b> , 5, 196-219	7

954	Factors Influencing Research Contributions and Researcher Interactions in Software Engineering: An Empirical Study. <b>2013</b> ,	1
953	Identifying unreliable sources of skill and competency information. <b>2013</b> ,	1
952	Influential Node Control Strategy for Opinion Evolution on Social Networks. <b>2013</b> , 2013, 1-6	6
951	Synchronization of Switched Complex Bipartite Neural Networks with Infinite Distributed Delays and Derivative Coupling. <b>2013</b> , 2013, 1-16	
950	Box-covering algorithm for fractal dimension of weighted networks. <b>2013</b> , 3, 3049	53
949	The robustness of interdependent transportation networks under targeted attack. <b>2013</b> , 103, 68005	47
948	Traffic resource allocation for complex networks. <b>2013</b> , 22, 018904	30
947	Visualization Analysis on Key Technologies of Technical Evolution - In the Field of 3G Mobile Communication. <b>2013</b> , 694-697, 2394-2399	3
946	An Empirical Analysis of Developer Collaboration Network. <b>2013</b> , 303-306, 2177-2181	
945	THE GENERAL EVOLVING MODEL FOR ENERGY SUPPLY-DEMAND NETWORK WITH LOCAL-WORLD. <b>2013</b> , 24, 1350070	2
944	Visual Analysis of Heterogeneous Networks. <b>2013</b> ,	0
943	Spectral coarse graining for random walks in bipartite networks. <b>2013</b> , 23, 013104	3
942	Fluctuation-driven traffic congestion in a scale-free model of the Internet. <b>2013</b> ,	1
941	Suppressing traffic-driven epidemic spreading by edge-removal strategies. <i>Physical Review E</i> , <b>2013</b> , 87, 064801	2.4 21
940	Attacks and cascades in weighted scale-free networks. <b>2013</b> ,	
939	Using Local Improved Structural Holes Method to Identify Key Nodes in Complex Networks. <b>2013</b> ,	3
938	Quantum transport with coupled cavities on an Apollonian network. <b>2013</b> , 87,	15
937	The delta-betweenness centrality. <b>2013</b> ,	2

936	A Coauthorship Network Analysis of Tourism and Hospitality Research Collaboration. <b>2013</b> , 37, 51-76	98
935	IMPROVING NETWORK TRANSPORT EFFICIENCY BY EDGE REWIRING. <b>2013</b> , 27, 1350056	24
934	QUEUE RESOURCE REALLOCATION STRATEGY FOR TRAFFIC SYSTEMS IN SCALE-FREE NETWORK. <b>2013</b> , 24, 1350013	20
933	A WEIGHTED NETWORK EVOLUTION WITH TRAFFIC FLOW UNDER PREFERENTIAL ATTACHMENT. <b>2013</b> , 24, 1350020	4
932	Graph Metrics for Temporal Networks. <b>2013</b> , 15-40	98
931	ROLE OF DISTANCE-BASED ROUTING IN TRAFFIC DYNAMICS ON MOBILE NETWORKS. <b>2013</b> , 24, 1350036	1
930	Protein Functional Module Analysis With Protein-Protein Interaction (PPI) Networks. <b>2013</b> , 393-411	
929	Empirical analysis of the coauthorship network based on DBLP. <b>2013</b> ,	
928	Network transmission inference: host behavior and parasite life cycle make social networks meaningful in disease ecology. <b>2013</b> , 23, 1906-14	30
927	Link Prediction in Social Networks Using Information Flow via Active Links. <b>2013</b> , E96.D, 1495-1502	8
926	Las redes de colaboraci3n cient3fica y su efecto en la productividad. Un an3lisis bibliom3trico. <b>2013</b> , 27, 159-175	6
925	Optimal transport on weighted networks for different node delivery capability schemes. <b>2013</b> , 2013, 378083	1
924	We'll meet again: revealing distributional and temporal patterns of social contact. <b>2014</b> , 9, e86081	11
923	A knowledge generation model via the hypernetwork. <b>2014</b> , 9, e89746	24
922	International scientific collaboration in HIV and HPV: a network analysis. <b>2014</b> , 9, e93376	26
921	Weighted multiplex networks. <b>2014</b> , 9, e97857	135
920	CollaborationViz: interactive visual exploration of biomedical research collaboration networks. <b>2014</b> , 9, e111928	10
919	Fragmented Romanian sociology: growth and structure of the collaboration network. <b>2014</b> , 9, e113271	12

918	Structure-based network analysis of activation mechanisms in the ErbB family of receptor tyrosine kinases: the regulatory spine residues are global mediators of structural stability and allosteric interactions. <b>2014</b> , 9, e113488	28
917	Technology Diffusion on the International Trade Network. <b>2014</b> ,	1
916	Identifying influential edges in a directed network: big events, upsets and non-transitivity. <b>2014</b> , 2, 87-109	5
915	Creative Success and Network Embeddedness: Explaining Critical Recognition of Film Directors in Hollywood, 190002010. <b>2014</b> ,	1
914	References. <b>2014</b> , 419-427	
913	Social patterns revealed through random matrix theory. <b>2014</b> , 108, 48003	9
912	Effective strategy of adding links for improving network transport efficiency on complex networks. <b>2014</b> , 25, 1450014	18
911	Shortest-path queries in static networks. <b>2014</b> , 46, 1-31	103
910	Local representatives in weighted networks. <b>2014</b> ,	6
909	A local-world evolving hypernetwork model. <b>2014</b> , 23, 018901	13
908	Predicting Links in Multi-relational Networks. <b>2014</b> ,	
907	Topological Structure of Urban Street Networks from the Perspective of Degree Correlations. <b>2014</b> , 41, 813-828	20
906	Two-mode complex network modeling of dengue epidemic in Selangor, Malaysia. <b>2014</b> ,	
905	Error and attack tolerance of BBS virtual community as a scale-free network. <b>2014</b> ,	
904	A Network Analysis on Movie Producing Teams and Their Success. <b>2014</b> ,	
903	Dithering and betweenness centrality in weighted graphs. <b>2014</b> ,	1
902	Inferring offline hierarchical ties from online social networks. <b>2014</b> ,	3
901	Relatedness measures between conferences in computer science. <b>2014</b> ,	6

900	Generating online social networks based on socio-demographic attributes. <b>2014</b> , 2, 475-494		7
899	Uncovering Research Topics of Academic Communities of Scientific Collaboration Network. <b>2014</b> , 10, 529842		1
898	Evaluating and Comparing the IGraph Community Detection Algorithms. <b>2014</b> ,		4
897	Method to enhance traffic capacity for two-layer complex networks. <b>2014</b> , 92, 1599-1605		22
896	Evolutionary analysis of collaboration networks in the field of information systems. <b>2014</b> , 101, 1657-1677		9
895	Dynamics of semiflexible scale-free polymer networks. <b>2014</b> , 141, 144902		9
894	A stable betweenness centrality measure in networks. <b>2014</b> ,		6
893	Motif-based success scores in coauthorship networks are highly sensitive to author name disambiguation. <i>Physical Review E</i> , <b>2014</b> , 90, 032811	2.4	5
892	Computational Studies of Allosteric Regulation in the Hsp90 Molecular Chaperone: From Functional Dynamics and Protein Structure Networks to Allosteric Communications and Targeted Anti-Cancer Modulators. <b>2014</b> , 54, 1052-1064		3
891	Segmenting Large-Scale Cyber Attacks for Online Behavior Model Generation. <b>2014</b> , 169-177		5
890	. <b>2014</b> ,		1
889	The Matthew effect in empirical data. <b>2014</b> , 11, 20140378		248
888	Centrality rankings in multiplex networks. <b>2014</b> ,		58
887	Scientific Research Collaboration Hypernetwork Modeling and Node Importance Measuring. <b>2014</b> ,		
886	MAPPING dark networks: A data transformation method to study clandestine organizations 1. <b>2014</b> , 2, 213-253		5
885	The clash of the Titans: How preferential attachment helps the survival of the smallest. <b>2014</b> , 223, 2745-2758	2	
884	Using Time-Sensitive Rooted PageRank to Detect Hierarchical Social Relationships. <b>2014</b> , 143-154		
883	Community Detection and Visualization of Networks with the Map Equation Framework. <b>2014</b> , 3-34		41

882	Project Pathogens Network: New Approach to Analyzing Construction-Defects-Generation Mechanisms. <b>2014</b> , 140, 04013028	22
881	A study of blog networks to determine online social network properties from the tie strength perspective. <b>2014</b> , 38, 381-398	9
880	Relationship between authors' structural position in the collaboration network and research productivity. <b>2014</b> , 48, 355-369	6
879	Characterizing vertex-degree sequences in scale-free networks. <b>2014</b> , 404, 291-295	3
878	Uncovering overlapping community structures by the key bi-community and intimate degree in bipartite networks. <b>2014</b> , 407, 7-14	41
877	Topology of whole-brain functional MRI networks: Improving the truncated scale-free model. <b>2014</b> , 405, 151-158	8
876	An investigation of collaborations between top Chinese universities: a new quantitative approach. <b>2014</b> , 98, 1535-1545	7
875	Research collaboration networks of two OIC nations: comparative study between Turkey and Malaysia in the field of Energy Fuels [2009-2011]. <b>2014</b> , 98, 387-414	27
874	Evolutionary analysis of international collaboration network of Chinese scholars in management research. <b>2014</b> , 98, 1435-1454	21
873	An analysis of the structure and evolution of the scientific collaboration network of computer intelligence in games. <b>2014</b> , 395, 523-536	16
872	Outcome aware ranking in value creation networks. <b>2014</b> , 38, 537-565	
871	The rise of Network Ecology: Maps of the topic diversity and scientific collaboration. <b>2014</b> , 293, 111-127	83
870	. <b>2014</b> , 1, 35-45	17
869	Predicting and recommending collaborations: An author-, institution-, and country-level analysis. <b>2014</b> , 8, 295-309	37
868	Cohesive subgroups in the international collaboration network in astronomy and astrophysics. <b>2014</b> , 101, 1587-1607	3
867	A new method of identifying influential nodes in complex networks based on TOPSIS. <b>2014</b> , 399, 57-69	112
866	From land cover-graphs to urban structure types. <b>2014</b> , 28, 584-609	44
865	Evolutionary events in a mathematical sciences research collaboration network. <b>2014</b> , 99, 973-998	14

864	Fine-Grained Feature-Based Social Influence Evaluation in Online Social Networks. <b>2014</b> , 25, 2286-2296	38
863	Node vulnerability of water distribution networks under cascading failures. <b>2014</b> , 124, 132-141	86
862	Recommending research collaborations using link prediction and random forest classifiers. <b>2014</b> , 101, 1461-1473	55
861	Predicting commuter flows in spatial networks using a radiation model based on temporal ranges. <b>2014</b> , 5, 5347	84
860	Homological scaffolds of brain functional networks. <b>2014</b> , 11, 20140873	269
859	Finding influencers in networks using social capital. <b>2014</b> , 4, 1	6
858	FEATURES OF THE DISCIPLINE KNOWLEDGE NETWORK: EVIDENCE FROM CHINA. <b>2014</b> , 20, 45-64	3
857	Tie strength distribution in scientific collaboration networks. <i>Physical Review E</i> , <b>2014</b> , 90, 032804	2.4 18
856	Collaborations Patterns and Productivity Analysis for IEEE T-ITS Between 2010 and 2013. <b>2014</b> , 15, 2360-2367	10
855	Clique structure and node-weighted centrality measures to predict distribution centre location in the supply chain management. <b>2014</b> ,	3
854	A regression analysis of researchers's social network metrics on their citation performance in a college of engineering. <b>2014</b> , 8, 667-682	36
853	Linking social and pathogen transmission networks using microbial genetics in giraffe ( <i>Giraffa camelopardalis</i> ). <b>2014</b> , 83, 406-14	143
852	Symmetric Preferential Attachment for New Vertices Attaching to Software Networks. <b>2014</b> , 32, 271-296	4
851	Robustness in clustering-based weighted inter-connected networks. <b>2014</b> , 87, 1	3
850	Large-deviation properties of resilience of transportation networks. <b>2014</b> , 87, 1	12
849	A Review on Applications of Graph Theory in Network Analysis of Biological Processes. <b>2014</b> , 6, 27-43	1
848	Cext-N index: a network node centrality measure for collaborative relationship distribution. <b>2014</b> , 101, 291-307	4
847	Dynamic weight evolution network with preferential attachment. <b>2014</b> , 416, 149-156	1



846	Conceptualizing the interdisciplinary diffusion and evolution of emerging fields: The case of systems biology. <b>2014</b> , 8, 43-58		8
845	Quantifying individual performance in Cricket: A network analysis of batsmen and bowlers. <b>2014</b> , 393, 624-637		24
844	Evolution based on chromosome affinity from a network perspective. <b>2014</b> , 403, 276-283		3
843	Evolution model for scientific collaboration network with local-world information. <b>2014</b> , 21, 15-31		
842	Effects of efficient edge rewiring strategies on network transport efficiency. <b>2014</b> , 394, 379-385		29
841	Comparative study on structure and correlation among author co-occurrence networks in bibliometrics. <b>2014</b> , 101, 1345-1360		23
840	On the importance of cascading moisture recycling in South America. <b>2014</b> , 14, 13337-13359		125
839	Hierarchical social network analysis using multi-agent systems: A school system case. <b>2014</b> ,		2
838	Bridging Structural Holes Scholarly Collaboration in Online Social Networks. <b>2014</b> ,		
837	Distance closures on complex networks. <b>2015</b> , 3, 227-268		23
836	Collaboration Signatures Reveal Scientific Impact. <b>2015</b> ,		10
835	Semantically aware time evolution tracking of communities in co-authorship networks. <b>2015</b> ,		
834	Mesoscopic structures reveal the network between the layers of multiplex data sets. <i>Physical Review E</i> , <b>2015</b> , 92, 042806	2.4	22
833	Prediction of Links and Weights in Networks by Reliable Routes. <b>2015</b> , 5, 12261		66
832	Characterizing general scale-free networks by vertex-degree sequences. <b>2015</b> , 25, 113111		0
831	Age-associated changes in rich-club organisation in autistic and neurotypical human brains. <b>2015</b> , 5, 16152		17
830	Network robustness: detecting topological quantum phases. <b>2014</b> , 4, 7526		2
829	Multifractal analysis of weighted networks by a modified sandbox algorithm. <b>2015</b> , 5, 17628		28

828	Jigsaw percolation: What social networks can collaboratively solve a puzzle?. <b>2015</b> , 25,	16
827	Structural hole based link addition for capacity enhancement in scale-free networks. <b>2015</b> ,	
826	Tracking the evolution of communities in co-authorship networks: A semantically aware approach. <b>2015</b> ,	1
825	Percolation properties in a traffic model. <b>2015</b> , 112, 38001	15
824	Numerical Analysis on behavior of coupled maps on regular ring lattice with high degrees**The research of Y.S. is supported by Grant-in-Aid for Research Activity Start-up (No. 26880020) from JSPS, and the research of T.I. is supported by Grant-in-Aid for Exploratory Research (No. 24650116) from JSPS.. <b>2015</b> , 48, 239-244	
823	Online Stakeholder Interactions in the Early Stage of a Megaproject. <b>2015</b> , 46, 92-110	29
822	Global forward-predicting dynamic routing for traffic concurrency space stereo multi-layer scale-free network. <b>2015</b> , 24, 098903	2
821	The assortativity of scholars at a research-intensive university in Malaysia. <b>2015</b> , 33, 162-180	3
820	A Novel Clonal Selection Algorithm for Community Detection in Complex Networks. <b>2015</b> , 31, 442-464	16
819	Generating function technique in complex networks. <b>2015</b> , 604, 012013	1
818	Characteristics of Chinese Rural Network: Evidence from Villages in Central China. <b>2015</b> ,	4
817	Improving Management of Green Retrofits from a Stakeholder Perspective: A Case Study in China. <b>2015</b> , 12, 13823-42	41
816	Empirical Studies on the Network of Social Groups: The Case of Tencent QQ. <b>2015</b> , 10, e0130538	17
815	Re-analysis of protein data reveals the germination pathway and up accumulation mechanism of cell wall hydrolases during the radicle protrusion step of seed germination in <i>Podophyllum hexandrum</i> - a high altitude plant. <b>2015</b> , 6, 874	5
814	Modeling Gene Networks in <i>Saccharomyces cerevisiae</i> Based on Gene Expression Profiles. <b>2015</b> , 2015, 621264	9
813	Analyzing complex networks through correlations in centrality measurements. <b>2015</b> , 2015, P05030	16
812	Vertex-degree sequences in complex networks: New characteristics and applications. <b>2015</b> , 437, 437-441	7
811	Do Women Suffer from Network Closure? The Moderating Effect of Social Capital on Gender Inequality in a Project-Based Labor Market, 1929 to 2010. <b>2015</b> , 80, 329-358	134

810	Weaving the fabric of science: Dynamic network models of science's unfolding structure. <b>2015</b> , 43, 73-85	52
809	A network perspective of academiaindustry nanotechnology collaboration: A comparison of Canada and the United States. <b>2015</b> , 9, 263-293	5
808	A Weighted Network Model Based on the Correlation Degree between Nodes. <b>2015</b> ,	1
807	Multi-objective optimization of aircraft networks for weight, performance and survivability. <b>2015</b> ,	0
806	RSH: A Link-Addition Strategy for Capacity Enhancement in Scale-Free Networks. <b>2015</b> , 19, 2110-2113	9
805	Estimating complex networks centrality via neural networks and machine learning. <b>2015</b> ,	4
804	Group Intimacy and Network Formation. <b>2015</b> ,	
803	Fuzzy-Based Techniques in Human-Like Processing of Social Network Data. <b>2015</b> , 23, 1-14	14
802	Variation of the critical percolation threshold with the method of preparation of the system. <b>2015</b> , 88, 1	3
801	Extracting academic social networks among conference participants. <b>2015</b> ,	
800	Outcompeting Traditional Peers? Scholarly Social Networks and Academic Output. <b>2015</b> ,	
799	Item recommendation in collaborative tagging systems via heuristic data fusion. <b>2015</b> , 75, 124-140	24
798	Slow relaxation dynamics and aging in random walks on activity driven temporal networks. <b>2015</b> , 88, 1	9
797	Improving accuracy of protein contact prediction using balanced network deconvolution. <b>2015</b> , 83, 485-96	18
796	Evolutionary analysis of the collaboration networks within National Quality Award Projects of China. <b>2015</b> , 33, 599-609	25
795	Sampling social networks using shortest paths. <b>2015</b> , 424, 254-268	26
794	Community detection in bipartite networks using weighted symmetric binary matrix factorization. <b>2015</b> , 26, 1550096	13
793	Are social attributes associated with alarm calling propensity?. <b>2015</b> , 26, 587-592	27

792	Exploratory Analysis of Communities in Co-authorship Networks: A Case Study. <b>2015</b> , 55-64		11
791	Impact of heterogeneous activity and community structure on the evolutionary success of cooperators in social networks. <i>Physical Review E</i> , <b>2015</b> , 91, 012802	2.4	24
790	Patterns and evolution of coauthorship in China's humanities and social sciences. <b>2015</b> , 102, 1997-2010		26
789	An entropy-based social network community detecting method and its application to scientometrics. <b>2015</b> , 102, 1003-1017		5
788	Structure and evolution of co-authorship network in an interdisciplinary research field. <b>2015</b> , 103, 101-134		41
787	Measures of node centrality in mobile social networks. <b>2015</b> , 26, 1550107		17
786	A method for modeling and analysis of directed weighted accident causation network (DWACN). <b>2015</b> , 437, 263-277		24
785	Discovering natural communities in networks. <b>2015</b> , 436, 878-896		11
784	Evolution of Network Synchronization during Early Epileptogenesis Parallels Synaptic Circuit Alterations. <b>2015</b> , 35, 9920-34		41
783	Community crosstalk: an exploratory analysis of destination and festival eWOM on Twitter. <b>2015</b> , 31, 1113-1140		41
782	Analysis of academic productivity based on Complex Networks. <b>2015</b> , 104, 651-672		5
781	Human diffusion and city influence. <b>2015</b> , 12, 20150473		33
780	Betweenness centrality in Delay Tolerant Networks: A survey. <b>2015</b> , 33, 284-305		22
779	When human networks collide: the degree distributions of hyper-networks. <b>2015</b> , 47, 929-942		5
778	Way forward for alternative energy research: A bibliometric analysis during 1994-2013. <b>2015</b> , 48, 276-286		106
777	A novel centrality method for weighted networks based on the Kirchhoff polynomial. <b>2015</b> , 58, 51-60		15
776	Cascading failures in interconnected networks with dynamical redistribution of loads. <b>2015</b> , 433, 204-210		32
775	Graph-Based Label Propagation in Digital Media. <b>2015</b> , 47, 1-35		17

774	Power and loyalty defined by proximity to influential relations. <b>2015</b> , 2,	2
773	Co-authorship networks: a review of the literature. <b>2015</b> , 67, 55-73	73
772	A new closeness centrality measure via effective distance in complex networks. <b>2015</b> , 25, 033112	43
771	Bridging the Social and Wireless Networking Divide: Information Dissemination in Integrated Cellular and Opportunistic Networks. <b>2015</b> , 3, 1809-1848	26
770	Exploiting modularity and hierarchical modularity to infer large causal gene regulatory network. <b>2015</b> ,	1
769	Computationally efficient attack design for robustness analysis of air transportation networks. <b>2015</b> , 11, 939-966	30
768	Bank networks from text: interrelations, centrality and determinants. <b>2015</b> , 15, 1619-1635	16
767	Graph Edit Distance: Moving from global to local structure to solve the graph-matching problem. <b>2015</b> , 65, 204-210	32
766	Water Distribution System Clustering and Partitioning Based on Social Network Algorithms. <b>2015</b> , 119, 196-205	32
765	Homophily/kinship hypothesis: Natural communities, and predicting in networks. <b>2015</b> , 420, 148-163	5
764	A new method to construct co-author networks. <b>2015</b> , 419, 29-39	29
763	Fragmentation properties of two-dimensional proximity graphs considering random failures and targeted attacks. <i>Physical Review E</i> , <b>2016</b> , 94, 062125	2.4 6
762	Multi-Level Formation of Complex Software Systems. <b>2016</b> , 18, 178	10
761	Analysis of scientific collaboration in Chinese psychiatry research. <b>2016</b> , 16, 165	1
760	Temporal correlation coefficient for directed networks. <b>2016</b> , 5, 1198	4
759	Small Worldness in Dense and Weighted Connectomes. <b>2016</b> , 4,	8
758	Computational Psychometrics Meets Hollywood: The Complexity in Emotional Storytelling. <b>2016</b> , 7, 1753	3
757	Introduction to the Special Issue on Networks and Externalities. <b>2016</b> , 18, 143-147	1

756	Vital nodes identification in complex networks. <b>2016</b> , 650, 1-63	619
755	Technology Diffusion on the International Trade Network. <b>2016</b> , 18, 291-312	23
754	Exploratory analyses of relief and development operations using social networks. <b>2016</b> , 56, 27-39	16
753	Representing higher-order dependencies in networks. <b>2016</b> , 2, e1600028	72
752	Small-World Propensity and Weighted Brain Networks. <b>2016</b> , 6, 22057	132
751	Moving beyond traditional electronic design automation: Data-driven design of analog circuits. <b>2016</b> ,	1
750	An Analysis of Centrality Measures for Complex and Social Networks. <b>2016</b> ,	16
749	. <b>2016</b> ,	
748	Guppies occupy consistent positions in social networks: mechanisms and consequences. <b>2016</b> , arw177	5
747	Degree distribution of random birth-and-death network with network size decline. <b>2016</b> , 25, 060202	4
746	Extracting information from multiplex networks. <b>2016</b> , 26, 065306	28
745	Mitigate Cascading Failures on Networks using a Memetic Algorithm. <b>2016</b> , 6, 38713	13
744	Two betweenness centrality measures based on Randomized Shortest Paths. <b>2016</b> , 6, 19668	34
743	Using network analysis to study behavioural phenotypes: an example using domestic dogs. <b>2016</b> , 3, 160268	3
742	The social networks' nodes grouping algorithm for the analysis of implicit communities. <b>2016</b> ,	1
741	Network topology of stable isotope interactions in a sub-arctic raptor guild. <b>2016</b> , 182, 511-8	4
740	Modeling one-mode projection of bipartite networks by tagging vertex information. <b>2016</b> , 457, 270-279	8
739	Cross-Disciplinary Network Comparison: Matchmaking Between Hairballs. <b>2016</b> , 2, 147-157	12

738	Combining complex networks and data mining: Why and how. <b>2016</b> , 635, 1-44	105
737	Emergence of collaboration networks around large scale data repositories: a study of the genomics community using GenBank. <b>2016</b> , 108, 21-40	9
736	Determinants of port centrality in maritime container transportation. <b>2016</b> , 95, 326-340	36
735	Intra- and Inter-institutional Collaborative Pairing Trends of LIS Field in South Korea. <b>2016</b> , 66,	
734	Global migration topology analysis and modeling of bilateral flow network 2006-2010. <b>2016</b> , 115, 18002	9
733	Unveiling connectivity patterns of categories in complex systems: An application to human needs in urban places. <b>2016</b> , 40, 219-238	1
732	An efficient shortest path approach for social networks based on community structure. <b>2016</b> , 1, 114-123	14
731	On the prevalence of hierarchies in social networks. <b>2016</b> , 6, 1	1
730	Multivariate directed weighted complex network for characterizing 3D wind speed signals in indoor and outdoor environments. <b>2016</b> ,	
729	Detecting Opinion Polarisation on Twitter by Constructing Pseudo-Bimodal Networks of Mentions and Retweets. <b>2016</b> , 169-178	0
728	Detailing the co-authorship networks in degree coupling, edge weight and academic age perspective. <b>2016</b> , 91, 386-392	7
727	The dynamical modeling and simulation analysis of the recommendation on the user-movie network. <b>2016</b> , 463, 310-319	1
726	On approximating networks centrality measures via neural learning algorithms. <b>2016</b> ,	4
725	Localization in wireless sensor networks with cognitive small world characteristics. <b>2016</b> ,	5
724	Semi-supervised policy recommendation for online social networks. <b>2016</b> , 6, 1	
723	An empirical comparison of influence measurements for social network analysis. <b>2016</b> , 6, 1	8
722	Conflicting attachment and the growth of bipartite networks. <i>Physical Review E</i> , <b>2016</b> , 93, 032303	2.4 7
721	Spatial network surrogates for disentangling complex system structure from spatial embedding of nodes. <i>Physical Review E</i> , <b>2016</b> , 93, 042308	2.4 24

720	Identifying Lead User in Mass Collaborative Innovation Community: Based on Knowledge Supernetwork. <b>2016</b> , 57-67	0
719	Homophily in coauthorship networks of East European sociologists. <b>2016</b> , 6, 36152	17
718	Centrality Indices. <b>2016</b> , 243-276	2
717	Constructing bibliometric networks: A comparison between full and fractional counting. <b>2016</b> , 10, 1178-1195	311
716	Pruning to Increase Taylor Dispersion in Physarum polycephalum Networks. <b>2016</b> , 117, 178103	24
715	Asymptotic theory of time-varying social networks with heterogeneous activity and tie allocation. <b>2016</b> , 6, 35724	25
714	Get To the Top and Stay There. <b>2016</b> ,	0
713	The preliminaries project: Geography, networks, and publication in the Spanish Golden Age. <b>2016</b> , fqw036	1
712	Structural Robustness of Unidirectional Dependent Networks Based on Attack Strategies. <b>2016</b> , 16, 175-184	
711	A novel deterministic small-world network created by rectangle iterations. <b>2016</b> ,	
710	Supporting novel biomedical research via multilayer collaboration networks. <b>2016</b> , 1, 11	2
709	The effect of inhibition of PP1 and TNF $\beta$ signaling on pathogenesis of SARS coronavirus. <b>2016</b> , 10, 93	45
708	An analysis of patient-sharing physician networks and implantable cardioverter defibrillator therapy. <b>2016</b> , 16, 132-153	28
707	On the Structural Features of Scientific and Technological Innovation Network in China's Urban System: Based on the Analysis of Cooperation Network of High-Level Papers. <b>2016</b> , 04, 1650033	
706	Collaboration experiences across scientific disciplines and cohorts. <b>2016</b> , 108, 505-529	18
705	Quantitative maritime security assessment: a 2020 vision. <b>2016</b> , 27, 453-470	5
704	Evolving cohesion metrics of a research network on rare diseases: a longitudinal study over 14 years. <b>2016</b> , 108, 41-56	5
703	Local bilateral clustering for identifying research topics and groups from bibliographical data. <b>2016</b> , 48, 179-199	7



702	Cross-layer betweenness centrality in multiplex networks with applications. <b>2016,</b>	13
701	Inter-organizational scientific collaborations and policy effects: an ego-network evolutionary perspective of the Chinese Academy of Sciences. <b>2016,</b> 108, 1383-1415	17
700	Empirical analysis of the Portuguese governments social network. <b>2016,</b> 6, 1	
699	A Game Theory Inspired Approach to Stable Core Decomposition on Weighted Networks. <b>2016,</b> 28, 1105-1117	3
698	A link-adding strategy for transport efficiency of complex networks. <b>2016,</b> 27, 1650054	19
697	Detecting one-mode communities in bipartite networks by bipartite clustering triangular. <b>2016,</b> 457, 307-315	28
696	A geometric graph model for coauthorship networks. <b>2016,</b> 10, 299-311	24
695	Stability and Continuity of Centrality Measures in Weighted Graphs. <b>2016,</b> 64, 543-555	43
694	Crowdsourcing in ITS: The State of the Work and the Networking. <b>2016,</b> 17, 1596-1605	72
693	Random Birth-and-Death Networks. <b>2016,</b> 162, 842-854	6
692	Enhancing traffic capacity of scale-free networks by link-directed strategy. <b>2016,</b> 27, 1650028	19
691	Modeling and simulation of the vulnerability of interdependent power-water infrastructure networks to cascading failures. <b>2016,</b> 25, 102-118	38
690	On the Interplay Between Individuals' Evolving Interaction Patterns and Traits in Dynamic Multiplex Social Networks. <b>2016,</b> 3, 32-43	21
689	Does network complexity help organize Babel's library?. <b>2016,</b> 447, 188-198	2
688	Natural gas from shale formation: A research profile. <b>2016,</b> 57, 1-6	48
687	Automatic Segmentation of Mechanically Inhomogeneous Tissues Based on Deformation Gradient Jump. <b>2016,</b> 35, 29-41	5
686	Modelling stakeholder-associated risk networks in green building projects. <b>2016,</b> 34, 66-81	103
685	Urban-rural ecological networks for landscape planning. <b>2016,</b> 50, 312-327	69

684	Identification of efficient observers for locating spreading source in complex networks. <b>2016</b> , 442, 100-109	16
683	Improved efficient routing strategy on two-layer complex networks. <b>2016</b> , 27, 1650044	24
682	Influence of edge weight on node proximity based link prediction methods: An empirical analysis. <b>2016</b> , 172, 71-83	28
681	Organization Mining Using Online Social Networks. <b>2016</b> , 16, 545-578	25
680	How different connectivity patterns of individuals within an organization can speed up organizational learning. <b>2017</b> , 76, 17923-17936	7
679	Overview of the Application of Social Network Analysis in Construction Engineering and Management Research. <b>2017</b> , 355-365	1
678	Temporal Analysis of Tourism Research Collaboration Network. <b>2017</b> , 41, 643-672	8
677	A Community Structure-Based Approach for Network Immunization. <b>2017</b> , 33, 77-98	6
676	Research stakeholders identification using an mobile agent's framework. <b>2017</b> , 72, 18-29	4
675	Dynamic transit accessibility and transit gap causality analysis. <b>2017</b> , 59, 27-39	40
674	The friendship paradox in species-rich ecological networks: Implications for conservation and monitoring. <b>2017</b> , 209, 245-252	9
673	Unification of theoretical approaches for epidemic spreading on complex networks. <b>2017</b> , 80, 036603	199
672	Controllability robustness for scale-free networks based on nonlinear load-capacity. <b>2017</b> , 251, 99-105	15
671	Shifu. <b>2017</b> ,	17
670	Capturing the Collaboration Intensity of Research Institutions Using Social Network Analysis. <b>2017</b> , 106, 25-31	6
669	Unravelling the dynamics of instructional practice. <b>2017</b> ,	10
668	Emergence of ultrafast sparsely synchronized rhythms and their responses to external stimuli in an inhomogeneous small-world complex neuronal network. <b>2017</b> , 93, 57-75	4
667	Online Mentoring as an Extracurricular Measure to Encourage Talented Girls in STEM (Science, Technology, Engineering, and Mathematics): An Empirical Study of One-on-One Versus Group Mentoring. <b>2017</b> , 61, 239-249	24

666	Fractal and multifractal analyses of bipartite networks. <b>2017</b> , 7, 45588	28
665	Coauthorship network in transportation research. <b>2017</b> , 100, 135-151	18
664	Studies on the signal amplification in weighted and unweighted small-world networks. <b>2017</b> , 31, 1750021	
663	Full and fractional counting in bibliometric networks. <b>2017</b> , 11, 117-120	17
662	The role of guarantor in scientific collaboration: The neighbourhood matters. <b>2017</b> , 11, 103-116	4
661	Motif formation and industry specific topologies in the Japanese business firm network. <b>2017</b> , 2017, 053404	8
660	Information mining in weighted complex networks with nonlinear rating projection. <b>2017</b> , 51, 115-123	16
659	The indirect effects of foreign direct investment on trade: A network perspective. <b>2017</b> , 40, 2193-2225	12
658	Theoretical solutions for degree distribution of decreasing random birth-and-death networks. <b>2017</b> , 31, 1750161	2
657	An optimal routing strategy on scale-free networks. <b>2017</b> , 28, 1750087	6
656	A New Method for Human Mental Fatigue Detection with Several EEG Channels. <b>2017</b> , 37, 240-247	15
655	Dynamic-Sensitive centrality of nodes in temporal networks. <b>2017</b> , 7, 41454	22
654	Network reliability analysis with link and nodal weights and auxiliary nodes. <b>2017</b> , 65, 12-26	54
653	Towards Visualizing Big Data with Large-Scale Edge Constraint Graph Drawing. <b>2017</b> , 10, 21-32	4
652	The science of science: From the perspective of complex systems. <b>2017</b> , 714-715, 1-73	147
651	Measuring social networks when forming information system project teams. <b>2017</b> , 134, 304-323	7
650	Hierarchical organization of H. Eugene Stanley scientific collaboration community in weighted network representation. <b>2017</b> , 11, 1114-1127	8
649	Social-aware data dissemination in opportunistic mobile social networks. <b>2017</b> , 28, 1750115	5

648	Network Analysis on Attitudes: A Brief Tutorial. <b>2017</b> , 8, 528-537	72
647	Open source software ecosystems: A Systematic mapping. <b>2017</b> , 91, 160-185	35
646	The influences of an experienced instructor's discussion design and facilitation on an online learning community development: A social network analysis study. <b>2017</b> , 35, 34-47	54
645	Hierarchical Decomposition for Betweenness Centrality Measure of Complex Networks. <b>2017</b> , 7, 46491	11
644	Toward the operationalization of visual metaphor. <b>2017</b> , 68, 2338-2349	2
643	Network Topology Inference from Spectral Templates. <b>2017</b> , 3, 467-483	107
642	Uncovering heterogeneous interactions in online commercial networks. <b>2017</b> , 7, 17209	
641	Fast Estimation of Closeness Centrality Ranking. <b>2017</b> ,	8
640	Deployment of check-in nodes in complex networks. <b>2017</b> , 7, 40428	7
639	GFT centrality: A new node importance measure for complex networks. <b>2017</b> , 487, 185-195	6
638	Topic scientific community in science: a combined perspective of scientific collaboration and topics. <b>2017</b> , 112, 851-875	3
637	Von Forschungsteams zur Wissenschaftscommunity. <b>2017</b> , 8, 325-344	3
636	The strength of co-authorship ties through different topological properties. <b>2017</b> , 23,	4
635	A hybrid queuing strategy for network traffic on scale-free networks. <b>2017</b> , 31, 1750083	
634	Revisiting the Small-World Phenomenon: Efficiency Variation and Classification of Small-World Networks. <b>2017</b> , 20, 149-173	7
633	Analysis of intra-institutional research collaboration: a case of a Serbian faculty of sciences. <b>2017</b> , 110, 195-216	8
632	The Habits of Highly Effective Researchers: An Empirical Study. <b>2017</b> , 3, 3-17	9
631	Fiber-Network Modeling in Biomechanics: Theoretical and Analytical Approaches. <b>2017</b> , 271-307	2

630	Viral economics: an epidemiological model of knowledge diffusion in economics. <b>2017</b> , 69, 320-331	3
629	Small-World Brain Networks Revisited. <b>2017</b> , 23, 499-516	303
628	Bus transport network of Shenyang considering competitive and cooperative relationship. <b>2017</b> , 466, 259-268	7
627	An Analysis of the Ecodesign Scientific Network 1994-2014. <b>2017</b> , 719-734	
626	Identifying Influential Spreaders on Weighted Networks Based on ClusterRank. <b>2017</b> ,	1
625	A New Node Centrality Evaluation Model for Multi-Community Weighted Social Networks. <b>2017</b> ,	
624	Surrogate-assisted identification of influences of network construction on evolving weighted functional networks. <b>2017</b> , 27, 123106	7
623	Jigsaw percolation on random hypergraphs. <b>2017</b> , 54, 1261-1277	2
622	Analytic degree distributions of horizontal visibility graphs mapped from unrelated random series and multifractal binomial measures. <b>2017</b> , 119, 48008	11
621	Key community analysis in scientific collaboration network. <b>2017</b> ,	
620	Mining top-k structural holes in multiplex networks. <b>2017</b> ,	7
619	An Unsupervised-Learning-Based Method for Multi-Hop Wireless Broadcast Relay Selection in Urban Vehicular Networks. <b>2017</b> ,	13
618	. <b>2017</b> ,	8
617	Proposal of simple metrics for evaluation of socialities in mobility models for MANET networks. <b>2017</b> ,	
616	Understanding Stakeholders' Influence on Project Success with a New SNA Method: A Case Study of the Green Retrofit in China. <b>2017</b> , 9, 1927	25
615	The role of the interaction network in the emergence of diversity of behavior. <b>2017</b> , 12, e0172073	5
614	Cultural values and cross-cultural video consumption on YouTube. <b>2017</b> , 12, e0177865	12
613	Chaotic itinerancy within the coupled dynamics between a physical body and neural oscillator networks. <b>2017</b> , 12, e0182518	11

612	The collaboration network of the Brazilian Symposium on Databases. <b>2017</b> , 23,	
611	Safety analysis to integrated complex system considering correlation relationship. <b>2017</b> ,	0
610	A reliability optimization method for collaborative manufacturing service network based on mining of important nodes. <b>2017</b> ,	2
609	[-25]A Similarity Analysis of Audio Signal to Develop a Human Activity Recognition Using Similarity Networks. <b>2017</b> , 17,	3
608	Using Community Structure to Categorize Computer Science Conferences. <b>2017</b> ,	
607	Social Network Analysis of Cricket Community Using a Composite Distributed Framework: From Implementation Viewpoint. <b>2018</b> , 5, 64-81	9
606	Bipartite graphs in systems biology and medicine: a survey of methods and applications. <b>2018</b> , 7, 1-31	64
605	A Method of Partner Selection for Knowledge Collaboration Teams using Weighted Social Network Analysis. <b>2018</b> , 27, 577-591	5
604	A weighted collaboration network generalization method for privacy protection in C-DBLP. <b>2018</b> , 22, 3-19	3
603	An overview of dynamic anomaly detection in social networks via control charts. <b>2018</b> , 34, 641-648	17
602	Bidirectional relationship between network position and knowledge creation in Scientometrics. <b>2018</b> , 115, 201-222	7
601	Batch Mode Active Learning for Node Classification in Assortative and Disassortative Networks. <b>2018</b> , 6, 4750-4758	4
600	Network Models for Clinical Psychology. <b>2018</b> , 1-35	8
599	Distribution of individual status in the invisibility similarity network of new social strata in Shanghai. <b>2018</b> , 505, 426-434	
598	Performance evaluation of EWMA and CUSUM control charts to detect anomalies in social networks using average and standard deviation of degree measures. <b>2018</b> , 34, 477-500	22
597	Analysis of publication activity of computational science society in 2001-2017 using topic modelling and graph theory. <b>2018</b> , 26, 193-204	10
596	The Diffusion of Protestantism in Northern Europe: Historical Embeddedness and Complex Contagions in the Adoption of the Reformation. <b>2018</b> , 42, 213-244	5
595	Complexity analysis on public transport networks of 97 large- and medium-sized cities in China. <b>2018</b> , 32, 1850108	7

594	Identification of Subgroups in a Directed Social Network Using Edge Betweenness and Random Walks. <b>2018</b> , 115-125	1
593	Peeling Bipartite Networks for Dense Subgraph Discovery. <b>2018</b> ,	28
592	Bi-directional h-index: A new measure of node centrality in weighted and directed networks. <b>2018</b> , 12, 299-314	5
591	Characterizing air traffic networks via large-scale aircraft tracking data: A comparison between China and the US networks. <b>2018</b> , 67, 181-196	23
590	Multilayer networks reveal the spatial structure of seed-dispersal interactions across the Great Rift landscapes. <b>2018</b> , 9, 140	30
589	Selective epidemic vaccination under the performant routing algorithms. <b>2018</b> , 496, 209-219	5
588	The evolutions of the rich get richer and the fit get richer phenomena in scholarly networks: the case of the strategic management journal. <b>2018</b> , 116, 363-383	12
587	Translating transnational capital into professional development: a study of China's Thousand Youth Talents Scheme scholars. <b>2018</b> , 19, 229-239	16
586	From Ecology to Finance (and Back?): A Review on Entropy-Based Null Models for the Analysis of Bipartite Networks. <b>2018</b> , 173, 1252-1285	5
585	Measuring knowledge diffusion efficiency in R&D networks. <b>2018</b> , 16, 208-219	60
584	Multilevel approach for combinatorial optimization in bipartite network. <b>2018</b> , 151, 45-61	9
583	Stability of centrality measures in valued networks regarding different actor non-response treatments and macro-network structures. <b>2018</b> , 6, 1-33	6
582	. <b>2018</b> , 12, 228-239	15
581	Temporal link prediction in multi-relational network. <b>2018</b> , 21, 395-419	12
580	From Structure to Activity: Using Centrality Measures to Predict Neuronal Activity. <b>2018</b> , 28, 1750013	34
579	Exploiting reciprocity toward link prediction. <b>2018</b> , 55, 1-13	7
578	Critical links in knowledge networks [What about proximities and gatekeeper organisations?]. <b>2018</b> , 25, 919-939	21
577	A fast heuristic detection algorithm for visualizing structure of large community. <b>2018</b> , 25, 280-288	2

576	Complex Networks and Hydrologic Applications. <b>2018</b> , 565-586	2
575	A new look at clustering coefficients with generalization to weighted and multi-faction networks. <b>2018</b> , 52, 201-212	2
574	Using Social Network Analysis to Model the Interaction between Root Causes of Fatalities in the Construction Industry. <b>2018</b> , 34, 04017045	41
573	A graph-based approach to ememes identification and tracking in Social Media streams. <b>2018</b> , 139, 108-118	10
572	Team formation with influence maximization for influential event organization on social networks. <b>2018</b> , 21, 939-959	14
571	Predicting adolescent social networks to stop smoking in secondary schools. <b>2018</b> , 265, 263-276	4
570	Using functional dependency and node closure to detect communities from the sparse network. <b>2018</b> , 32, 1850018	
569	Modelling transition phenomena of scientific coauthorship networks. <b>2018</b> , 69, 305-317	16
568	Analyses on the Authority Migration and Geographical Context in Progeny Networks. <b>2018</b> , 1076-1087	
567	Global energy flows embodied in international trade: A combination of environmentally extended input/output analysis and complex network analysis. <b>2018</b> , 210, 98-107	159
566	Influencing Community Detection Using Overlapping Communities. <b>2018</b> ,	0
565	Scientific collaborations within a university: From the viewpoint of complex networks. <b>2018</b> , 1113, 012016	2
564	A Scalable Method for One-Mode Projection of Bipartite Networks Based on Hadoop Platform. <b>2018</b> ,	
563	An Overview of Community Detection Methods in Transportation Networks. <b>2018</b> ,	
562	Butterfly Counting in Bipartite Networks. <b>2018</b> ,	34
561	Social Network Analysis of Factors Influencing Green Building Development in China. <b>2018</b> , 15,	11
560	A Graph Database of Yelp Dataset Challenge 2018 and Using Cypher for Basic Statistics and Graph Pattern Exploration. <b>2018</b> ,	1
559	Centrality of Nodes with Karc-Entropy. <b>2018</b> ,	



558	REMatch: Research Expert Matching System. <b>2018,</b>	
557	Identification of Topologies by Using Harmonic Centrality in Huge Social Networks. <b>2018,</b>	1
556	Optimal Fee Structure for Efficient Lightning Networks. <b>2018,</b>	3
555	Centrality Ranking via Topologically Biased Random Walks in Multiplex Networks. <b>2018,</b>	0
554	Affiliation discrete weighted networks with an increasing degree sequence. <b>2018, 47, 6079-6094</b>	2
553	Attack Vulnerability of Online Social Networks. <b>2018,</b>	
552	Gene Essentiality Prediction Using Topological Features From Metabolic Networks. <b>2018,</b>	2
551	Analysis of the transcriptome data in <i>Litopenaeus vannamei</i> reveals the immune basis and predicts the hub regulation-genes in response to high-pH stress. <b>2018, 13, e0207771</b>	9
550	The need for weighting indirect connections between game variables: Social Network Analysis and eigenvector centrality applied to high-level men's volleyball. <b>2018, 18, 1067-1077</b>	8
549	Computing Betweenness Centrality: An Efficient Privacy-Preserving Approach. <b>2018, 23-42</b>	1
548	Extracting h-Backbone as a Core Structure in Weighted Networks. <b>2018, 8, 14356</b>	6
547	Network-based assessment of collaborative research in neuroscience. <b>2018, 4, 433-443</b>	2
546	What are the Key Indicators of Mega Sustainable Construction Projects? A Stakeholder-Network Perspective. <b>2018, 10, 2939</b>	14
545	Evidence in Social Networks. <b>2018, 219-243</b>	
544	Role of road network features in the evaluation of incident impacts on urban traffic mobility. <b>2018, 117, 101-116</b>	10
543	Implementing beneficial prioritization of traffic flow in complex networks. <b>2018, 32, 1850273</b>	1
542	Generalized Erdős numbers for network analysis. <b>2018, 5, 172281</b>	
541	Community Detection. <b>2018, 279-299</b>	

540	The robustness of interdependent weighted networks. <b>2018</b> , 508, 675-680	10
539	Cascading failure model for improving the robustness of scale-free networks. <b>2018</b> , 29, 1850044	2
538	Centrality analysis of online social network big data. <b>2018</b> ,	8
537	Building a Spatially-Embedded Network of Tourism Hotspots From Geotagged Social Media Data. <b>2018</b> , 6, 21945-21955	26
536	Analysis on large-scale rating systems based on the signed network. <b>2018</b> , 507, 99-109	4
535	A Study on the Node Centrality Based Multisocial Attributes Weighted in Mobile Social Networks. <b>2018</b> , 17, 01001	
534	Cognition and connectomes in nondementia idiopathic Parkinson's disease. <b>2018</b> , 2, 106-124	8
533	Extended Corona Product as an Exactly Tractable Model for Weighted Heterogeneous Networks. <b>2018</b> , 61, 745-760	11
532	Assessing the relevance of individual characteristics for the structure of similarity networks in new social strata in Shanghai. <b>2018</b> , 509, 881-889	2
531	Node property of weighted networks considering connectability to nodes within two degrees of separation. <b>2018</b> , 8, 8464	4
530	Local structure can identify and quantify influential global spreaders in large scale social networks. <b>2018</b> , 115, 7468-7472	51
529	Social sciences and the mining sector: Some insights into recent research trends. <b>2018</b> , 58, 257-267	34
528	Applications of Complex Network Analysis in Electric Power Systems. <b>2018</b> , 11, 1381	26
527	Social Network Analysis of Scientific Articles Published by Food Policy. <b>2018</b> , 10, 577	12
526	. <b>2018</b> , 5, 493-507	11
525	Open networks from within: input or output betweenness centrality of nodes in directed networks. <b>2018</b> , 3,	1
524	Open big data from ticketing website as a useful tool for characterizing spatial features of the Chinese high-speed rail system. <b>2018</b> , 63, 265-277	7
523	Has the German reunification strengthened Germany's national innovation system?: Triple Helix dynamics of Germany's innovation system. <b>2018</b> , 16, 1-12	7

522	Comparison of weighted and unweighted network analysis in the case of a pig trade network in Northern Germany. <b>2018</b> , 156, 49-57	7
521	Cycle Based Network Centrality. <b>2018</b> , 8, 11749	2
520	Exploring Cooperative Game Mechanisms of Scientific Coauthorship Networks. <b>2018</b> , 2018, 1-11	4
519	Degree distributions of bipartite networks and their projections. <i>Physical Review E</i> , <b>2018</b> , 98, 022307	2.4 12
518	The agglomeration phenomenon influence on the scaling law of the scientific collaboration system. <b>2018</b> , 114, 461-467	
517	A new method for automatically modelling brain functional networks. <b>2018</b> , 45, 70-79	11
516	Centrality ranking in multiplex networks using topologically biased random walks. <b>2018</b> , 312, 263-275	14
515	Co-authorship Networks: An Introduction. <b>2019</b> , 179-192	5
514	Network Infusion to Infer Information Sources in Networks. <b>2019</b> , 6, 402-417	7
513	Extraction of Co-authorship Networks. <b>2019</b> , 193-234	
512	How behavioural economics relates to psychology – some bibliographic evidence. <b>2019</b> , 26, 133-146	6
511	The Evolution of Social Work from Disconnected Groups to a Scientific Community: A Social Network Analysis. <b>2019</b> , 49, 428-447	6
510	Who should I invite: predicting event participants for a host user. <b>2019</b> , 59, 629-650	4
509	Community structure in co-inventor networks affects time to first citation for patents. <b>2019</b> , 4,	1
508	Measuring the Ease of Communication in Bipartite Social Endorsement Networks. <b>2019</b> ,	4
507	CSTeller: forecasting scientific collaboration sustainability based on extreme gradient boosting. <b>2019</b> , 22, 2749-2770	13
506	The seizure onset zone drives state-dependent epileptiform activity in susceptible brain regions. <b>2019</b> , 130, 1628-1641	4
505	A cooperative game model for the multimodality of coauthorship networks. <b>2019</b> , 121, 503-519	5

504	Learning analytics for learning design in online distance learning. <b>2019</b> , 40, 309-329	15
503	Collaboration Network Analysis Based on Normalized Citation Count and Eigenvector Centrality. <b>2019</b> , 6, 61-72	0
502	(Un)intended consequences of networking on individual and network-level efficiency. <b>2019</b> , 4,	
501	Hypernetwork models based on random hypergraphs. <b>2019</b> , 30, 1950052	2
500	A Distributed Hybrid Community Detection Methodology for Social Networks. <b>2019</b> , 12, 175	0
499	Perception, prestige and PageRank. <b>2019</b> , 14, e0216783	2
498	Large-deviations of the basin stability of power grids. <b>2019</b> , 29, 113103	6
497	Cascading failure model for improving the robustness from the perspective of traffic planning. <b>2019</b> , 33, 1950262	5
496	An Anatomy of Bengaluru's ICT Cluster: A Community Detection Approach. <b>2019</b> , 15, 533-561	5
495	Career Age-Aware Scientific Collaborator Recommendation in Scholarly Big Data. <b>2019</b> , 7, 136036-136045	9
494	Identify Connected Positive Influence Dominating Set in Social Networks Using Two-Hop Coverage. <b>2019</b> , 6, 956-967	3
493	Exploring all-author tripartite citation networks: A case study of gene editing. <b>2019</b> , 13, 856-873	10
492	Onion structure optimizes attack robustness of interdependent networks. <b>2019</b> , 535, 122374	3
491	Going Farther Together: The Impact of Social Capital on Sustained Participation in Open Source. <b>2019</b> ,	29
490	Effect of shortest path multiplicity on congestion of multiplex networks. <b>2019</b> , 21, 035003	15
489	Collaboration patterns and network in chemometrics. <b>2019</b> , 191, 21-29	5
488	Understanding Effects of Collaborations in Developing Mobile Computing Systems: Popularity, Efficiency, and Quality. <b>2019</b> , 7, 33380-33392	3
487	Complex network analysis of keywords co-occurrence in the recent efficiency analysis literature. <b>2019</b> , 120, 609-629	31

486	Heterogeneity of Networks Promotes Cooperation in the Prisoner's Dilemma and the Snowdrift Game. <b>2019</b> , 74, 831-837	
485	Covariance and correlation estimators in bipartite complex systems with a double heterogeneity. <b>2019</b> , 2019, 053404	1
484	When disasters strike environmental science: a case-control study of changes in scientific collaboration networks. <b>2019</b> , 120, 301-317	3
483	A Community-Based Fault Isolation Approach for Effective Simultaneous Localization of Faults. <b>2019</b> , 7, 50012-50030	3
482	The state of innovation system research: What happens beneath the surface?. <b>2019</b> , 48, 103787	25
481	Information diffusion backbones in temporal networks. <b>2019</b> , 9, 6798	17
480	Estimation of swine movement network at farm level in the US from the Census of Agriculture data. <b>2019</b> , 9, 6237	5
479	Enhancing network synchronizability by strengthening a single node. <i>Physical Review E</i> , <b>2019</b> , 99, 042305.4	2
478	Simultaneous Isolation of Software Faults for Effective Fault Localization. <b>2019</b> ,	2
477	Local routing protocols performance for computer virus elimination in complex networks. <b>2019</b> , 536, 120984	3
476	Measuring the importance of vertices in the weighted human disease network. <b>2019</b> , 14, e0205936	5
475	Understanding transboundary air pollution network: Emissions, depositions and spatio-temporal distribution of pollution in European region. <b>2019</b> , 145, 113-123	16
474	Application of Association Rule Mining and Social Network Analysis for Understanding Causality of Construction Defects. <b>2019</b> , 11, 618	13
473	Networks of Swiss Water Governance Issues. Studying Fit between Media Attention and Organizational Activity. <b>2019</b> , 32, 1416-1432	5
472	Centrality-based identification of important edges in complex networks. <b>2019</b> , 29, 033115	22
471	Hierarchical structure in the world's largest high-speed rail network. <b>2019</b> , 14, e0211052	11
470	Information Loss in Network Pharmacology. <b>2019</b> , 38, e1900032	3
469	A New Network Feature Affects the Intervention Performance on Public Opinion Dynamic Networks. <b>2019</b> , 9, 5089	

468	KADABRA is an ADaptive Algorithm for Betweenness via Random Approximation. <b>2019</b> , 24, 1-35	10
467	Metrics for characterizing network structure and node importance in Spatial Social Networks. <b>2019</b> , 33, 1017-1039	14
466	Cascading failure model for the mitigating edge failure of scale-free networks. <b>2019</b> , 92, 1	1
465	Asymptotic distribution in affiliation finite discrete weighted networks with an increasing degree sequence. <b>2019</b> , 48, 4195-4205	
464	Aging transition in weighted homogeneous and heterogeneous networks. <b>2019</b> , 128, 40002	12
463	Research on Energy Level Identification Technology of Urban Road Network Nodes. <b>2019</b> ,	
462	Link Definition Ameliorating Community Detection in Collaboration Networks. <b>2019</b> , 2, 22	5
461	Incremental Deployment of Programmable Switches for Network-wide Heavy-hitter Detection. <b>2019</b> ,	5
460	A Network Perspective on Attitude Strength: Testing the Connectivity Hypothesis. <b>2019</b> , 10, 746-756	12
459	Characterizing Key Players in Child Exploitation Networks on the Dark Net. <b>2019</b> , 412-423	2
458	Collaboration Between Medical Professionals: Special Interest Groups in the Brazilian Telemedicine University Network (RUTE). <b>2019</b> , 25, 902-910	4
457	Minimizing Multicast Routing Delay in Multiple Multicast Trees With Shared Links for Smart Grid. <b>2019</b> , 10, 5427-5435	14
456	Structure and evolution of Indian physics co-authorship networks. <b>2019</b> , 118, 385-406	5
455	Key nodes mining in the inventor-author knowledge diffusion network. <b>2019</b> , 118, 721-735	11
454	Hybrid traffic dynamics on coupled networks. <b>2019</b> , 516, 98-104	1
453	Is it Correct to Project and Detect? Assessing Performance of Community Detection on Unipartite Projections of Bipartite Networks. <b>2019</b> , 267-279	3
452	Rivals or Allies? A Multilevel Analysis of Cosponsorship within State Delegations in the U.S. Senate. <b>2019</b> , 46, 183-213	0
451	A heuristic approach to estimate nodes' closeness rank using the properties of real world networks. <b>2019</b> , 9, 1	4

450	On analyzing and evaluating privacy measures for social networks under active attack. <b>2019</b> , 473, 87-100	9
449	Suppress traffic-driven epidemic spreading in weighted network. <b>2019</b> , 22, 14201-14206	1
448	Do research institutes benefit from their network positions in research collaboration networks with industries or/and universities?. <b>2020</b> , 94-95, 102002	24
447	Venture Capital Communities. <b>2020</b> , 55, 621-651	7
446	On the Self-organizing Migrating Algorithm Comparison by Means of Centrality Measures. <b>2020</b> , 335-343	1
445	Authors' status and the perceived quality of their work: Measuring citation sentiment change in nobel articles. <b>2020</b> , 71, 314-324	8
444	A method for analyzing stakeholders' influence on an open source software ecosystem's requirements engineering process. <b>2020</b> , 25, 115-130	9
443	Rising Star Evaluation Based on Extreme Learning Machine in Geo-Social Networks. <b>2020</b> , 12, 296-308	3
442	Lower bound for the cost of connecting tree with given vertex degree sequence. <b>2020</b> , 8,	1
441	An evaluation method of scientific research team influence based on heterogeneity and node similarity of content and structure. <b>2020</b> , 11, 3617-3626	2
440	A benchmarking tool for the generation of bipartite network models with overlapping communities. <b>2020</b> , 62, 1641-1669	3
439	Using social network analysis to complete literature reviews: a new systematic approach for independent researchers to detect and interpret prominent research programs within large collections of relevant literature. <b>2020</b> , 23, 483-496	7
438	Weighted complex networks in urban public transportation: Modeling and testing. <b>2020</b> , 545, 123498	10
437	Identification of critical risks in international engineering procurement construction projects of Chinese contractors from the network perspective. <b>2020</b> , 47, 1359-1371	2
436	The dynamics of collaboration networks and the history of general relativity, 1925-1970. <b>2020</b> , 122, 1129-1170	5
435	Delivering capacity allocation strategy for traffic dynamics on scale-free networks. <b>2020</b> , 31, 2050029	3
434	Analyzing co-authoring communities of tourism research collaboration. <b>2020</b> , 33, 100607	6
433	Pinning synchronization of weighted bipartite networks with time-varying delays via aperiodic intermittent control. <b>2020</b> , 545, 123568	6

432	Evolving network characteristics of the asian international aviation market: A weighted network approach. <b>2020</b> , 99, 299-313	8
431	The similarity of inherited diseases (II): clinical and biological similarity between the phenotypic series. <b>2020</b> , 13, 139	1
430	Overview of Hofstede-Inspired Research Over the Past 40 Years: The Network Diversity Perspective. <b>2020</b> , 10, 215824402094742	3
429	Importance rankings of nodes in the China Railway Express network under the Belt and Road Initiative. <b>2020</b> , 139, 134-147	8
428	Social Network Analysis of Road PPP Equity Markets in Canada, Chile, and the United States. <b>2020</b> , 36, 04020058	8
427	Domain expertise-agnostic feature selection for the analysis of breast cancer data. <b>2020</b> , 108, 101928	2
426	Species functional traits and abundance as drivers of multiplex ecological networks: first empirical quantification of inter-layer edge weights. <b>2020</b> , 287, 20202127	3
425	Data to knowledge in action: A longitudinal analysis of GenBank metadata. <b>2020</b> , 57, e253	0
424	Evolution of interdependent co-authorship and citation networks. <b>2020</b> , 125, 385-404	2
423	The role of bipartite structure in R&D collaboration networks. <b>2020</b> , 8,	1
422	Volunteered Geographic Information Research in the First Decade: Visualizing and Analyzing the Author Connectedness of Selected Journal Articles in GIScience. <b>2020</b> , 4, 1	0
421	An analysis of the collaboration network of the International Conference on Conceptual Modeling at the Age of 40. <b>2020</b> , 130, 101866	2
420	Simple and Fast Distributed Computation of Betweenness Centrality. <b>2020</b> ,	2
419	Using Open Big Data to Build and Analyze Urban Bus Network Models within and across Administrations. <b>2020</b> , 2020, 1-13	2
418	Shannon entropy in time-varying semantic networks of titles of scientific paper. <b>2020</b> , 5,	1
417	Index-based Intimate-Core Community Search in Large Weighted Graphs. <b>2020</b> , 1-1	1
416	Critical Factors to Achieve Sustainability of Public-Private Partnership Projects in the Water Sector: A Stakeholder-Oriented Network Perspective. <b>2020</b> , 2020, 1-17	4
415	Surveying the Side-Chain Network Approach to Protein Structure and Dynamics: The SARS-CoV-2 Spike Protein as an Illustrative Case. <b>2020</b> , 7, 596945	4



414	Quantifying simultaneous innovations in evolutionary medicine. <b>2020</b> , 139, 319-335	1
413	Research on complex network community discovery based on adaptive cross mutation operator. <b>2020</b> , 20, 443-451	
412	Hausdorff and Wasserstein metrics on graphs and other structured data. <b>2020</b> ,	1
411	Data-Driven Identification of Skills for the Future: 21st-Century Skills for the 21st-Century Workforce. <b>2020</b> , 10, 215824402091590	5
410	Social network analysis for social neuroscientists. <b>2021</b> , 16, 883-901	13
409	Construction, comparison and evolution of networks in life sciences and other disciplines. <b>2020</b> , 17, 20190610	9
408	Entropy production and fluctuation theorems on complex networks. <b>2020</b> , 30, 053125	
407	Networks beyond pairwise interactions: Structure and dynamics. <b>2020</b> , 874, 1-92	228
406	Identifying vital genes of breast cancer through synergy network by part mutual information. <b>2020</b> , 31, 2050088	
405	Measuring researchers' potential scholarly impact with structural variations: Four types of researchers in information science (1979-2018). <b>2020</b> , 15, e0234347	6
404	The Central Role of Nondisclosed Men Who Have Sex With Men in Human Immunodeficiency Virus-1 Transmission Networks in Guangzhou, China. <b>2020</b> , 7, ofaa154	7
403	Co-production in health policy and management: a comprehensive bibliometric review. <b>2020</b> , 20, 504	19
402	Ontology-Based Graphs of Research Communities: A Tool for Understanding Threat Reduction Networks. <b>2020</b> , 5, 3	3
401	Fractal Analysis of Overlapping Box Covering Algorithm for Complex Networks. <b>2020</b> , 8, 53274-53280	3
400	On fractional approach to analysis of linked networks. <b>2020</b> , 123, 621-633	7
399	Modularity and projection of bipartite networks. <b>2020</b> , 549, 124341	3
398	Species temporal persistence promotes the stability of fruit-frugivore interactions across a 5-year multilayer network. <b>2020</b> , 108, 1888-1898	8
397	Highlighting action and environmental component interactions using a network theory approach. <b>2020</b> , 38, 245-260	

396	Examining transportation network structures through mobile signaling data in urban China: a case study of Yixing. <b>2020</b> , 1-18		2
395	Complex network routing strategy based on segmented transportation distance limit. <b>2020</b> , 34, 2050291		1
394	Identifying Political Influencers on YouTube during the 2016 Moroccan General Election. <b>2020</b> , 170, 1102-1109		3
393	A coarsening method for bipartite networks via weight-constrained label propagation. <b>2020</b> , 195, 105678		2
392	New perspectives on analysing data from biological collections based on social network analytics. <b>2020</b> , 10, 3358		3
391	Efficient community detection algorithm based on higher-order structures in complex networks. <b>2020</b> , 30, 023114		3
390	From cut-points to key players in co-authorship networks: a case study in ventilator-associated pneumonia research. <b>2020</b> , 123, 707-733		6
389	Prime stars multiplexes. <b>2020</b> , 53, 135001		
388	Absorbing random walks interpolating between centrality measures on complex networks. <i>Physical Review E</i> , <b>2020</b> , 101, 012302	2.4	2
387	Towards a systematic description of the field using keywords analysis: main topics in social networks. <b>2020</b> , 123, 357-382		6
386	Identifying key players in bipartite networks. <b>2020</b> , 8, 42-61		2
385	MDPCluster: a swarm-based community detection algorithm in large-scale graphs. <b>2020</b> , 102, 893-922		1
384	An Incrementally-Deployable P4-Enabled Architecture for Network-Wide Heavy-Hitter Detection. <b>2020</b> , 17, 75-88		14
383	Using Network Theory to Explore BIM Application Barriers for BIM Sustainable Development in China. <b>2020</b> , 12, 3190		8
382	Centrality metric for the vulnerability of urban networks to toxic releases. <i>Physical Review E</i> , <b>2020</b> , 101, 032312	2.4	2
381	Structural vulnerability analysis in small-world power grid networks based on weighted topological model. <b>2020</b> , 30, e12401		1
380	On the controllability of Corona product network. <b>2020</b> , 357, 6228-6240		0
379	Is it correct to project and detect? How weighting unipartite projections influences community detection. <b>2020</b> , 8, S145-S163		1

378	Predicting the number of coauthors for researchers: A learning model. <b>2020</b> , 14, 101036	7
377	The emergence of the higher education research field (1976-2018): preferential attachment, smallworldness and fragmentation in its collaboration networks. <b>2021</b> , 81, 1079-1095	9
376	Efficient single-pair all-shortest-path query processing for massive dynamic networks. <b>2021</b> , 546, 1306-1327	0
375	The evolution of venture capital network structure and its effects in promoting the development of agricultural technology enterprises: A comparison between USA and China. <b>2021</b> , 71, 52-67	
374	Enhancing synchrony in asymmetrically weighted multiplex networks. <b>2021</b> , 142, 110476	2
373	Uncovering research trends and topics of communities in machine learning. <b>2021</b> , 80, 9281-9314	1
372	Citation likelihood analysis of the interbank financial networks literature: A machine learning and bibliometric approach. <b>2021</b> , 562, 125363	2
371	On the effect of neuronal spatial subsampling in small-world networks. <b>2021</b> , 53, 485-498	1
370	Analysis of the evolution and collaboration networks of citizen science scientific publications. <b>2021</b> , 126, 225-257	7
369	Exchange-based diffusion in Hb-Graphs. <b>2021</b> , 80, 22429-22464	1
368	Inter-firm inventor mobility and the role of co-inventor networks in producing high-impact innovation. <b>2021</b> , 46, 117-137	7
367	A dynamic sampling algorithm based on learning automata for stochastic trust networks. <b>2021</b> , 212, 106620	1
366	OUP accepted manuscript.	4
365	Privacy Preserving in Online Social Networks Using Fuzzy Rewiring. <b>2021</b> , 1-9	2
364	Modeling airport congestion contagion by heterogeneous SIS epidemic spreading on airline networks. <b>2021</b> , 16, e0245043	2
363	30 Years of the EWG-DSS Through the Lens of the Collab-Net Project. <b>2021</b> , 51-78	
362	Modeling and Analysis of the Dengue Activity in Baguio City Using Two-Mode and One-Mode Networks. <b>2021</b> , 253-271	0
361	Identifying the Topology of Undirected Networks From Diffused Non-Stationary Graph Signals. <b>2021</b> , 2, 171-189	1

360	Impact of Sudden Global Events on Cross-Field Research Cooperation. <b>2021</b> , 12, 26	
359	Researching Scientific Structures via Joint Authorships—The Case of Virtual 3D Modelling in the Humanities. <b>2021</b> , 151-168	
358	A mixture model to detect edges in sparse co-expression graphs with an application for comparing breast cancer subtypes. <b>2021</b> , 16, e0246945	
357	Using Three Social Network Analysis Approaches to Understand Computer-Supported Collaborative Learning. 073563312199647	4
356	Member Selection for the Collaborative New Product Innovation Teams Integrating Individual and Collaborative Attributions. <b>2021</b> , 2021, 1-14	10
355	Forecasting influenza activity using machine-learned mobility map. <b>2021</b> , 12, 726	12
354	Mapping Collaborations and Partnerships in SDG Research. <b>2020</b> , 5, 612442	2
353	Identification of Influential Nodes via Effective Distance-based Centrality Mechanism in Complex Networks. <b>2021</b> , 2021, 1-16	7
352	An Algorithm Based on Loop-Cutting Contribution Function for Loop Cutset Problem in Bayesian Network. <b>2021</b> , 9, 462	0
351	Emergence and evolution of social networks through exploration of the Adjacent Possible space. <b>2021</b> , 4,	2
350	Identifying the essential nodes in network pharmacology based on multilayer network combined with random walk algorithm. <b>2021</b> , 114, 103666	4
349	A bank liquidity multilayer network based on media emotion. <b>2021</b> , 94, 1	2
348	WiFi mobility models for COVID-19 enable less burdensome and more localized interventions for university campuses.	0
347	The network structure of schema modes. <b>2021</b> , 28, 1065-1078	2
346	Multilayer representation of collaboration networks with higher-order interactions. <b>2021</b> , 11, 5666	18
345	Heider balance under disordered triadic interactions. <i>Physical Review E</i> , <b>2021</b> , 103, 032305	2.4 4
344	Analysis of dynamic networks based on the Ising model for the case of study of co-authorship of scientific articles. <b>2021</b> , 11, 5721	2
343	Creative Destruction: The Structural Consequences of Scientific Curation. <b>2021</b> , 86, 341-376	14

342	Collaborations in communication: Authorship credit allocation via a weighted fractional count procedure. <b>2021</b> , 126, 4355-4372	2
341	Ideological biases in social sharing of online information about climate change. <b>2021</b> , 16, e0250656	4
340	Descriptive Naming & Summarization of large text using Topic Model-A Survey. <b>2021</b> , 1116, 012192	
339	A distributed hypergraph model for simulating the evolution of large coauthorship networks. <b>2021</b> , 126, 4609-4638	1
338	Statistical design of a VSI-EWMA control chart for monitoring the communications among individuals in a weighted social network. <b>2021</b> , 12, 495-508	1
337	Percolation on complex networks: Theory and application. <b>2021</b> , 907, 1-68	35
336	Marginalization and Mobilization: The Roots of Female Legislators Collaborative Advantage in the States. 1-25	2
335	Centrality analysis in a drug network and its application to drug repositioning. <b>2021</b> , 395, 125870	0
334	Opportunities and challenges in partitioning the graph measure space of real-world networks. <b>2021</b> , 9,	
333	Shared Neurodevelopmental Perturbations Can Lead to Intellectual Disability in Individuals with Distinct Rare Chromosome Duplications. <b>2021</b> , 12,	
332	Random walks and community detection in hypergraphs. <b>2021</b> , 2, 015011	6
331	The influence of academic advisors on academic network of Physics doctoral students: empirical evidence based on scientometrics analysis. <b>2021</b> , 126, 4899-4925	0
330	An Intelligent Centrality Measures for Influential Node Detection in COVID-19 Environment. <b>2021</b> , 1-27	
329	Protection Strategy for Edge-Weighted Graphs in Disease Spread. <b>2021</b> , 11, 5115	0
328	Network Path Convergence Shapes Low-Level Processing in the Visual Cortex. <b>2021</b> , 15, 645709	1
327	Is academia becoming more localised? The growth of regional knowledge networks within international research collaboration. <b>2021</b> , 6,	2
326	Flow of Economic Benefits From Coral Reefs in a Multi-Use Caribbean Marine Protected Area Using Network Theory. <b>2021</b> , 8,	0
325	Performance comparison of some centrality measures used in detecting anomalies in directed social networks. 1-15	

324	A Generalization of the Importance of Vertices for an Undirected Weighted Graph. <b>2021</b> , 13, 902	1
323	Reconstructing Human-Centered Interaction Networks of the Swifterbant Culture in the Dutch Wetlands: An Example from the ArchaeoEcology Project. <b>2021</b> , 11, 4860	1
322	Quantifying efficient information exchange in real network flows. <b>2021</b> , 4,	3
321	Quantitative analysis of trade networks: data and robustness. <b>2021</b> , 6,	0
320	Eigenvalue-based entropy in directed complex networks. <b>2021</b> , 16, e0251993	
319	The Impact of Co-Inventor Networks on Smart Cleantech Innovation: The Case of Montreal Agglomeration. <b>2021</b> , 13, 7270	4
318	The dynamics of an online learning community in a hybrid statistics classroom over time: Implications for the question-oriented problem-solving course design with the social network analysis approach. <b>2021</b> , 166, 104120	12
317	Surveillance of airborne plant disease dissemination at continental scale using air mass trajectory analysis and network theory.	
316	Model-based clustering for random hypergraphs. 1	
315	Scale free is not rare in international trade networks. <b>2021</b> , 11, 13359	1
314	Combining topic models with bipartite blockmodelling to uncover the multifaceted nature of social capital. <b>2021</b> , 16, e0253478	
313	Computational mechanisms for neural representation of words.	
312	A weighted network community detection algorithm based on deep learning. <b>2021</b> , 401, 126012	12
311	Network approach to modelling and analysing failure propagation in high-speed train systems. 1-17	1
310	Connectivity of two-dimensional assemblies: trusses and roads. <b>2021</b> , 38, 222-246	
309	Adoption and adaptation: A computational case study of the spread of Granovetter's weak ties hypothesis. <b>2021</b> , 66, 10-25	3
308	Bright and blind spots of water research in Latin America and the Caribbean. <b>2021</b> , 25, 4631-4650	1
307	Centrality Measures: A Tool to Identify Key Actors in Social Networks. <b>2022</b> , 1-27	2

306	Extracting complements and substitutes from sales data: a network perspective. <b>2021</b> , 10,	0
305	Social bonds provide multiple pathways to reproductive success in wild male chimpanzees. <b>2021</b> , 24, 102864	9
304	A comparison study of educational scientific collaboration in China and the USA. <b>2021</b> , 585, 126330	
303	Application of graph theory in the library domainBuilding a faceted framework based on a literature review. 096100062110367	
302	The Comprehensive Contributions of Endpoint Degree and Coreness in Link Prediction. <b>2021</b> , 2021, 1-9	0
301	Mesoscopic physiological interactions in the human brain reveal small-world properties. <b>2021</b> , 36, 109585	0
300	Relay Synchronization in a Weighted Triplex Network. <b>2021</b> , 9, 2135	1
299	The impact of top scientists on the community development of basic research directed by government funding: evidence from program 973 in China. <b>2021</b> , 126, 8561-8579	
298	PageRank centrality and algorithms for weighted, directed networks. <b>2021</b> , 126438	0
297	Energy Network Embodied in Trade along the Belt and Road: Spatiotemporal Evolution and Influencing Factors. <b>2021</b> , 13, 10530	2
296	A Territorial Embeddedness Analysis Based on Transport Flows: Classifying the Intra-Urban Space of the Rio de Janeiro Metropolitan Area. <b>2021</b> ,	
295	Simplification of plasma chemistry by means of vital nodes identification. <b>2021</b> , 130, 093303	1
294	Finite-time and fixed-time bipartite synchronization of complex networks with signed graphs. <b>2021</b> , 188, 319-329	7
293	PLDLS: A novel parallel label diffusion and label Selection-based community detection algorithm based on Spark in social networks. <b>2021</b> , 183, 115377	7
292	Regional and sectoral structures of the Chinese economy: A network perspective from multi-regional inputOutput tables. <b>2021</b> , 581, 126196	5
291	Basic Study on Scale-Free Networks and Targeted Antivirus Prophylaxis Supported by Information Communication Tools. <b>2021</b> , 12, 1-15	0
290	The network of interfamily marriages in Ndrangheta. <b>2022</b> , 68, 318-329	2
289	Mathematical modeling of interdependent infrastructure: An object-oriented approach for generalized network-system analysis. <b>2022</b> , 217, 108042	10

288	Analysis of the Southern women network using fractional approach. <b>2022</b> , 68, 229-236	
287	Network neuroscience and the connectomics revolution. <b>2022</b> , 25-58	1
286	Network analysis of misconceptions in FCI data. <b>2021</b> ,	
285	A Survey on Centrality Metrics and Their Network Resilience Analysis. <b>2021</b> , 9, 104773-104819	8
284	Approximate Solutions for the Influence Maximization Problem in a Social Network. <b>2006</b> , 937-944	6
283	Structural Decompositions of Complex Networks. <b>2012</b> , 143-160	0
282	Weighted, Bipartite, or Directed Stream Graphs for the Modeling of Temporal Networks. <b>2019</b> , 49-64	1
281	Institutional Design and Complexity: Protocol Network Structure in Response to Different Collective-Action Dilemmas. <b>2020</b> , 267-293	0
280	A Distributed Tool for Online Identification of Communities in Co-authorship Networks at a University. <b>2020</b> , 179-189	1
279	Efficient Closeness Centrality Computation for Dynamic Graphs. <b>2020</b> , 534-550	5
278	Resilience of Social Networks under Different Attack Strategies. <b>2013</b> , 16-29	1
277	Systematic Dynamic and Heterogeneous Analysis of Rich Social Network Data. <b>2014</b> , 25-37	8
276	Fuzzy Concepts in Small Worlds and the Identification of Leaders in Social Networks. <b>2014</b> , 37-45	3
275	Resampling-Based Framework for Estimating Node Centrality of Large Social Network. <b>2014</b> , 228-239	10
274	Mixed Degree-Degree Correlations in Directed Social Networks. <b>2014</b> , 571-580	2
273	Resampling-Based Gap Analysis for Detecting Nodes with High Centrality on Large Social Network. <b>2015</b> , 135-147	2
272	Community Division of Bipartite Network Based on Information Transfer Probability. <b>2015</b> , 133-143	0
271	Intragroup Density Predicting Intergroup Tie Strength Within Open-Source-Software Collaboration Network. <b>2016</b> , 165-173	1



270	How Different Are Estimated Genetic Networks of Cancer Subtypes?. <b>2017</b> , 159-192	4
269	A Content-Based Approach to Social Network Analysis: A Case Study on Research Communities. <b>2016</b> , 142-154	3
268	Weighted One Mode Projection of a Bipartite Graph as a Local Similarity Measure. <b>2017</b> , 375-389	7
267	Bibliometrische Netzwerke. <b>2010</b> , 799-823	6
266	Local Search with Congestion in Complex Communication Networks. <b>2004</b> , 1078-1085	4
265	Traffic-Driven Model of the World Wide Web Graph. <b>2004</b> , 56-67	8
264	Anonymity in the Wild: Mixes on Unstructured Networks. <b>2007</b> , 254-271	15
263	The Layered World of Scientific Conferences. <b>2008</b> , 81-92	2
262	Optimization of NIDS Placement for Protection of Intercommunicating Critical Infrastructures. <b>2008</b> , 191-203	13
261	Theoretical Tools in Modeling Communication and Language Dynamics. <b>2010</b> , 67-81	1
260	The Topological Characteristics and Community Structure in Consumer-Service Bipartite Graph. <b>2009</b> , 640-650	2
259	A Production-Collaboration Model for Manufacturing Grid. <b>2010</b> , 166-175	2
258	Eigenvector Centrality Based on Shared Research Topics in a Scientific Community. <b>2010</b> , 626-633	2
257	Efficient Computation of the Shapley Value for Centrality in Networks. <b>2010</b> , 1-13	21
256	Maximum Betweenness Centrality: Approximability and Tractable Cases. <b>2011</b> , 9-20	8
255	Circle of Friend Query in Geo-Social Networks. <b>2012</b> , 126-137	25
254	Weights Aging in Social Networks. <b>2013</b> , 207-218	1
253	Multilayer network simplification: Approaches, models and methods. <b>2020</b> , 36, 100246	16

252	Identifying key nodes based on improved structural holes in complex networks. <b>2017</b> , 486, 318-327	24
251	Identifying node spreading influence for tunable clustering coefficient networks. <b>2017</b> , 486, 242-250	9
250	Networking with a Network: The Liverpool African Committee 1750-1810. <b>2017</b> , 18, 566-590	9
249	Integrating Different Factorial Solutions of a Psychometric Tool Via Social Network Analysis. <b>2016</b> , 12, 97-106	2
248	Examining the population flow network in China and its implications for epidemic control based on Baidu migration data. <b>2020</b> , 7,	13
247	Linking behavior in the physics education research coauthorship network. <b>2017</b> , 13,	5
246	Central distractors in Force Concept Inventory data. <b>2018</b> , 14,	8
245	Novelty and influence of creative works, and quantifying patterns of advances based on probabilistic references networks. <b>2020</b> , 9,	6
244	Calling Network. <b>2015</b> , 40, 1-8	11
243	JGraphT: A Java Library for Graph Data Structures and Algorithms. <b>2020</b> , 46, 1-29	22
242	What Happens to All These Hackathon Projects?. <b>2020</b> , 4, 1-26	5
241	Complexity and Large-Scale Networks. <b>2008</b> , 319-351	1
240	Directed mammalian gene regulatory networks using expression and comparative genomic hybridization microarray data from radiation hybrids. <b>2009</b> , 5, e1000407	13
239	A recurrent neural network framework for flexible and adaptive decision making based on sequence learning. <b>2020</b> , 16, e1008342	2
238	The introduction of dengue follows transportation infrastructure changes in the state of Acre, Brazil: A network-based analysis. <b>2017</b> , 11, e0006070	31
237	Complexity of the international agro-food trade network and its impact on food safety. <b>2012</b> , 7, e37810	100
236	Predicting the vulnerability of great apes to disease: the role of superspreaders and their potential vaccination. <b>2013</b> , 8, e84642	16
235	Allosteric regulation of the Hsp90 dynamics and stability by client recruiter cochaperones: protein structure network modeling. <b>2014</b> , 9, e86547	26

234	Collaboration networks from a large CV database: dynamics, topology and bonus impact. <b>2014</b> , 9, e90537	13
233	Uncovering community structures with initialized Bayesian nonnegative matrix factorization. <b>2014</b> , 9, e107884	5
232	On the relation between the small world structure and scientific activities. <b>2015</b> , 10, e0121129	15
231	PhysarumSpreader: A New Bio-Inspired Methodology for Identifying Influential Spreaders in Complex Networks. <b>2015</b> , 10, e0145028	3
230	A New Weighted Degree Centrality Measure: The Application in an Animal Disease Epidemic. <b>2016</b> , 11, e0165781	16
229	An exploration of collaborative scientific production at MIT through spatial organization and institutional affiliation. <b>2017</b> , 12, e0179334	19
228	Analysis of inter-country input-output table based on citation network: How to measure the competition and collaboration between industrial sectors on the global value chain. <b>2017</b> , 12, e0184055	8
227	A Analytical Study on the Properties of Coauthorship Network Based on the Co-author Frequency. <b>2011</b> , 42, 105-125	1
226	U.S. and Whom? Structures and Communities of International Economic Research. <b>2019</b> , 16, 1-12	2
225	The Importance of Industry Links in Merger Waves.	8
224	Analysis of Oncogene Protein Structure Using Small World Network Concept. <b>2020</b> , 15, 732-740	2
223	Local search immunization strategy in inhomogeneous networks. <b>2011</b> , 31, 135-138	0
222	Automatic Recommendation of Panel Pool Using a Probabilistic Ontology and Researcher Networks. <b>2007</b> , 24, 43-65	3
221	[Co-author and keyword networks and their clustering appearance in preventive medicine fields in Korea: analysis of papers in the Journal of Preventive Medicine and Public Health, 1991~2006]. <b>2008</b> , 41, 1-9	13
220	Semantic Social Network Analysis. 122-156	7
219	A Social-Academic Network Analysis of the EURO Working Group on DSS. <b>2010</b> , 2, 13-36	2
218	Expanding Opportunities in a Shrinking World. <b>2009</b> , 1, 33-49	4
217	Ant Colony Optimization for Detecting Communities from Bipartite network. <b>2013</b> , 8,	1

216	On the importance of cascading moisture recycling in South America.	3
215	Analysis of Papers in the Korean Journal of Applied Statistics by Co-Author Networks Analysis. <b>2011</b> , 24, 1259-1270	6
214	Reconstruction en sciences sociales : le cas des réseaux de savoirs. <b>2007</b> , 2, 59-101	2
213	The antigenic switching network of Plasmodium falciparum and its implications for the immuno-epidemiology of malaria. <b>2013</b> , 2, e01074	22
212	New region demarcation method for implementing the Joint Prevention and Control of Atmospheric Pollution policy in China. <b>2021</b> , 325, 129345	0
211	Universal Features of Network Topology. <b>2004</b> , 1054-1061	
210	Networks of Software, 1990-2002: Do Web of Links Contribute to Sales?.	
209	Evolution of the Internet Map and Load Distribution. <b>2004</b> , 1038-1045	
208	Classes of the Shortest Pathway Structures in Scale Free Networks. 105-125	
207	Exploiting Social Networks Dynamics for P2P Resource Organisation. <b>2006</b> , 726-734	3
206	Endogenous Cooperative Networks: Social Capital and the Small-World Property.	
205	Spectral Properties of Adjacency and Distance Matrices for Various Networks. <b>2008</b> , 559-567	
204	Some Common Properties of Affiliation Bipartite Cooperation-Competition Networks. <b>2009</b> , 220-227	
203	Self-organized Collaboration Network Model Based on Module Emerging. <b>2009</b> , 798-805	
202	Structures in Complex Bipartite Networks. <b>2009</b> , 176-189	
201	Degree Distribution of a Two-Component Growing Network. <b>2009</b> , 1838-1845	
200	Composing Music with Complex Networks. <b>2009</b> , 2196-2205	5
199	Encyclopedia of Complexity and Systems Science. <b>2009</b> , 8910-8926	

198 Topological Structure and Interest Spectrum of the Group Interest Network. **2009**, 729-736

197 Topological Analysis and Measurements of an Online Chinese Student Social Network. **2009**, 737-748

o

196 Analysis of Social Network's Structural Properties in Huge Community Portal. **2009**, 135-146

195 Recognition of Important Subgraphs in Collaboration Networks. **2009**, 210-219

194 Empirical Study of Region User Behaviors for Web Pages. **2009**, 31, 960-967

193 Proposal and Simulation of a Work Sharing Method Considering with Information Sharing on the Dynamic Social Network in an Organization. **2010**, 22, 165-177

192 Optimizing Targeting of Intrusion Detection Systems in Social Networks. **2010**, 549-568

191 Functional Influence-Based Approach to Identify Overlapping Modules in Biological Networks. **2010**, 535-556

190 The Effect of Sequence Complexity on the Construction of Protein-Protein Interaction Networks. **2010**, 308-319

189 Immunization strategy by cutting edges. **2010**, 30, 1775-1777

188 A Parallel Routing Algorithm for Traffic Optimization. **2012**, 241-261

187 A Social-Academic Network Analysis of the EURO Working Group on DSS. **2012**, 229-251

186 12. Les réseaux académiques entre organisations et collèges invisibles. **2012**, 187-198

185 Computational Complexity. **2012**, 3170-3186

184 A Complex Network Analysis of the Weighted Graph of the Web2.0 Service Network. **2012**, 79-90

i

183 Venture Capital Communities.

182 Networks and Collective Action.

181 Research on Complex Networks Evolution Model. **2012**, 29-33

180 Introduction. **2013**, 1-21

179 Centrality Measure in Weighted HPAI Transmission Network: The case of the highly pathogenic H5N1 avian influenza Virus in Gimje, South Korea in 2008. **2012**, 18, 79-89 1

178 The Development Roadmap of the EWG-DSS Collab-Net Project: A Social Network Perspective of DSS Research Collaboration in Europe. **2013**, 1-18

177 Incremental by Design? On the Role of Incumbents in Technology Niches [An Evolutionary Network Analysis. 1

176 Impact of Global Edge-Removal on the Average Path Length. **2013**, 52-57

175 Hierarchical Social Network Analysis Using a Multi-Agent System. **2013**, 5, 14-32

174 Computational Graph Analytics for Massive Streaming Data. 619-648 3

173 The Characteristic and Verification of Length of Vertex-Degree Sequence in Scale-Free Network. **2014**, 1281-1288

172 Complex Network Analysis of Research Funding: A Case Study of NSF Grants. **2014**, 163-187 1

171 An Improved SGN Algorithm Research for Detecting Community Structure in Complex Network. **2014**, 45-53

170 A Global Eigenvalue-Driven Balanced Deconvolution Approach for Network Direct-Coupling Analysis. **2014**, 409-418

169 Modelling Critical Node Attacks in MANETs. **2014**, 127-138 1

168 Distance and Centrality. **2014**, 81-100

167 A Comparative Study on the Centrality Measures for Analyzing Research Collaboration Networks. **2014**, 31, 153-179 3

166 Semantic Based Network Growth in Instant Messaging Environment. **2014**, 9,

165 The Analyses of Research Productivity and Review Efficiency for IT Related Journal. **2014**, 13, 93-107

164 Systematic network analysis of herb formula in Traditional East Asian Medicine discloses synergistic operation of medicinal herb pairs with statistical significance. **2015**, 5, 11.1-11.5

163 A Study on Analyzing Co-authorship Networks of Library and Information Science in Taiwan. **2015**, 32, 167-192

162 Dynamics of Inter-firm Linkages in Indian Automotive Industry: A Social Network Analysis. **2016**, 103-132

161 Graph Centrality Based Prediction of Cancer Genes. **2016**, 275-311

160 Network Representations of Complex Systems. **2016**, 109-148

o

159 DEGREE SEQUENCES BEYOND POWER LAWS IN COMPLEX NETWORKS. **2016**, 6, 1105-1113

158 Identifying Key Opinion Leaders in Evolving Co-authorship Networks: A Descriptive Study of a Proxy Variable for Betweenness Centrality. **2016**, 311-323

157 Hybrid Community Detection in Social Networks. **2016**, 127-133

156 Predictive Characteristics of Co-authorship Networks: Comparing the Unweighted, Weighted, and Bipartite Cases. **2017**, 1, 59-78

155 A Novel Diversity Measure for Understanding Movie Ranks in Movie Collaboration Networks. **2017**, 750-761

154 Classification of Hub Protein and Analysis of Hot Regions in Protein-Protein Interactions. **2017**, 365-374

153 A Cooperative Game Approach to Author Ranking in Coauthorship Networks. **2017**, 215-228

152 Bipartite Clustering in Bank-Firm Networks.

o

151 Understanding Complex Social Network of Government Officials in Decision Making.

150 Encyclopedia of Complexity and Systems Science. **2017**, 1-23

149 Identifying Top-K Important Nodes Based on Probabilistic-Jumping Random Walk in Complex Networks. **2018**, 326-338

148 A szakmai együttműködések lekövetéséről a hazai neveléstudományi folyóiratokban: a térszerzői hálózat. **2018**, 118, 327-360

147 A Survey on Data Management of Event-Based Social Networks. **2018**, 08, 1459-1481

146 Assessing network structure with practical sampling methods.

145 Analysis of Co-authorship Networks. **2019**, 235-275

1

- 144 On the Social Structure behind Biological Collections.
- 143 Revealing of the Underlying Mechanism of Different Node Centralities Based on Oscillation Dynamics on Networks. **2018**, E101.B, 1820-1832 10
- 142 Species activity promote the stability of fruit-frugivore interactions across a five-year multilayer network.
- 141 Newman (2001): The Structure of Scientific Collaboration Networks. **2019**, 441-443
- 140 Measuring the Importance of Vertices in the Weighted Human Disease Network.
- 139 Estimation of swine movement network at farm level in the US from the Census of Agriculture data.
- 138 Characteristics and Trends of Chinese Scholars' Publication in High-Level Management Journals. **2019**, 07, 1-17
- 137 Resampling-Based Framework for Unbiased Estimator of Node Centrality over Large Complex Network. **2019**, 428-442
- 136 Volume II: The Simplicity of Complexity. **2019**, 181-214
- 135 Detecting Overlapping Communities of Nodes with Multiple Attributes from Heterogeneous Networks. **2019**, 760-779 3
- 134 Fast Algorithms for Intimate-Core Group Search in Weighted Graphs. **2019**, 728-744 2
- 133 Information Diffusion Backbone. **2019**, 199-217
- 132 Collaboration profiles and their impact on musical success. **2019**, 2 2
- 131 RC-Network and Comm-Network for Improvement of Research Collaboration and Communication Among Delhi University Teachers. **2020**, 227-236
- 130 Estudio bibliométrico y redes de coautoría del Dr. Manuel Velasco Suárez. **2019**, 69-77
- 129 Análisis de influencia de la red de colaboración de opciones reales. **2019**, 37-65
- 128 Suppressing Information Diffusion via Link Blocking in Temporal Networks. **2020**, 448-458 2
- 127 Planting trees for scalable and efficient canonical hub labeling. **2019**, 13, 492-505 3



- 126 An Efficient Method of Advertising on Online Social Networks. **2020**, 106-116
- 125 **S**ollenbergreifende Evaluation: Der Rettungsdienst aus einer arbeits- und organisationspsychologischen Perspektive. **2020**, 265-282
- 124 Syntactical and Mathematical Measures of Spatial Configuration. **2020**, 135-184
- 123 Power Laws for Research Output of Institutions: Evidence from Financial Economics.
- 122 An Application of Affective Computing on Mental Disorders: A Resting State fNIRS Study. **2020**, 53, 464-469 2
- 121 Herding a Deluge of Good Samaritans: How GitHub Projects Respond to Increased Attention. **2020**, 1
- 120 Surveillance of airborne plant disease dissemination at continental scale using air mass trajectory analysis and network theory. **2021**,
- 119 Identification and Optimization of the Spatial Structure of Urban and Rural Settlements from a Hierarchical Network Perspective. **2021**, 10, 1177 1
- 118 Graphical Analysis of Biocomplex Networks and Transport Phenomena. **2006**, 12-24
- 117 A Scientometric Approach to Analyze Scientific Development on Renewable Energy Sources. **2021**, 6, 87-119
- 116 IDENTIFICATION OF QUESTIONABLE EXCLUSION CRITERIA IN MENTAL DISORDER CLINICAL TRIALS USING A MEDICAL ENCYCLOPEDIA. **2016**, 21, 219-30 6
- 115 A Network-Theoretic Analysis of Hospital Admission, Transfer, and Discharge Data. **2018**, 2017, 45-53 1
- 114 Coarsening Algorithm via Semi-synchronous Label Propagation for Bipartite Networks. **2021**, 437-452
- 113 SARCP - Exploiting Cyber-Attack Prediction Through Socially-Aware Recommendation. **2022**, 14, 0-0 0
- 112 Stakeholder analysis for safe LNG handling at ports. **2022**, 146, 105565 1
- 111 Assessment of the causes and effects of design deficiencies for large construction projects using social network analysis. **2021**, ahead-of-print, 1
- 110 Novel centrality measures and applications to underground networks. **2021**, 589, 126595
- 109 Temporal Degree-Degree and Closeness-Closeness: A New Centrality Metrics for Social Network Analysis. **2021**, 9, 2850 2

108	Vulnerability of link-weighted complex networks in central attacks and fallback strategy. <b>2021</b> , 590, 126667	0
107	Network Analysis, Accuracy and Stability of the Job-Satisfaction Structures. <b>2021</b> , 85-118	
106	Determining maximum cliques for community detection in weighted sparse networks. 1	10
105	Inferring the densest multi-profiled cross-community for a user. <b>2022</b> , 237, 107681	
104	Variable-time impulsive control for bipartite synchronization of coupled complex networks with signed graphs. <b>2022</b> , 420, 126899	2
103	Dynamic Time-Constrained Path Recommendation with User's Preference. <b>2021</b> ,	
102	Analysis of co-authorship networks among Brazilian graduate programs in computer science.. <b>2022</b> , 17, e0261200	1
101	Investigation the structure of the Internet of things (IoT) patent network using social network analysis. <b>2022</b> , 1-1	1
100	An ensemble model to optimize modularity in dynamic bipartite networks. 1	
99	Local community detection with hints. 1	2
98	Mapping the scientific structure of organization and management of enterprises using complex networks. <b>2022</b> , 10, 65-76	1
97	Learning Centrality by Learning to Route. <b>2022</b> , 247-259	1
96	Disrupting networks of hate: characterising hateful networks and removing critical nodes. <b>2022</b> , 12, 1	0
95	Inferring network structure with unobservable nodes from time series data.. <b>2022</b> , 32, 013126	1
94	Investigation of sugar binding kinetics of the E. coli sugar/H symporter XylE using solid supported membrane-based electrophysiology.. <b>2021</b> , 101505	0
93	A graphical LASSO analysis of global quality of life, sub scales of the EORTC QLQ-C30 instrument and depression in early breast cancer.. <b>2022</b> , 12, 2112	0
92	Trace of depression: network structure of depressive symptoms in different clinical conditions.. <b>2022</b> , 1-30	
91	Low-Latency Multicast and Broadcast Technologies for Real-Time Applications in Smart Grid. <b>2022</b> , 1-32	

90	Traffic-driven SI epidemic spreading on scale-free networks.	
89	Scaling laws in enzyme function reveal a new kind of biochemical universality.. <b>2022</b> , 119,	1
88	A network pharmacology-based approach to explore mechanism of action of medicinal herbs for alopecia treatment.. <b>2022</b> , 12, 2852	1
87	Different computational relations in language are captured by distinct brain systems.. <b>2022</b> ,	0
86	A Network-Based Approach to Understand Potentials for On-the-Job Training in Construction Professions. <b>2022</b> ,	
85	A Visualization Analysis of Crisis and Risk Communication Research Using CiteSpace.. <b>2022</b> , 19,	3
84	Geographies of the global co-editor network in oncology.. <b>2022</b> , 17, e0265652	0
83	Scientific success from the perspective of the strength of weak ties.. <b>2022</b> , 12, 5074	0
82	HWVoteRank: A Network-Based Voting Approach for Identifying Coding and Non-Coding Cancer Drivers. <b>2022</b> , 10, 801	1
81	A novel relevance-based information interaction model for community detection in complex networks. <b>2022</b> , 196, 116607	0
80	GHRS: Graph-based hybrid recommendation system with application to movie recommendation. <b>2022</b> , 200, 116850	4
79	Co-authorship network structure analysis. <b>2021</b> , 2099, 012055	
78	Configurational Paths to Organizational Resilience: A fuzzy-set qualitative comparative analysis for small and medium enterprises during COVID-19. <b>2021</b> ,	
77	First Systematic Review on Health Communication Using the CiteSpace Software in China: Exploring Its Research Hotspots and Frontiers.. <b>2021</b> , 18,	1
76	Detecting implicit cross-communities to which an active user belongs.. <b>2022</b> , 17, e0264771	
75	Network Structures for Asset Return Co-Movement: Evidence From the Chinese Stock Market. <b>2022</b> , 10,	
74	Collaboration between authors in the field of social network analysis.	1
73	fdata-02-00022.pdf. <b>2019</b> ,	

- 72 fdata-02-00022.xml. **2019**,
- 71 fdata-02-00022-g0001.tif. **2019**,
- 70 fdata-02-00022-g0002.tif. **2019**,
- 69 fdata-02-00022-g0003.tif. **2019**,
- 68 Table\_1.DOCX. **2020**,
- 67 Apples and oranges: on how to measure node centrality in payment channel networks. **2022**, 1-1
- 66 Evolving industrial districts and changing innovation patterns: the case of Montreal. **2022**, ahead-of-print,
- 65 Regional demarcation of synergistic control for PM and ozone pollution in China based on long-term and massive data mining.. **2022**, 155975 1
- 64 Causality Between International Trade and International Patenting: A Combination of Network Analysis and Granger Causality.
- 63 The Study of Disease Mechanisms Based on Cascading Failure. **2022**,
- 62 Network resilience assessment and reinforcement strategy against cascading failure. **2022**, 160, 112271 1
- 61 A Flow-Based Node Dominance Centrality Measure for Complex Networks. **2022**, 3,
- 60 Research on the propagation and governance of public opinion information under the joint action of internal and external factors.
- 59 The rise of #climateaction in the time of the FridaysForFuture movement: A semantic network analysis. **2022**, 0
- 58 Fund portfolio networks: A climate risk perspective. **2022**, 102259 0
- 57 Network structure from a characterization of interactions in complex systems. **2022**, 12, 0
- 56 An efficient link closing strategy for improving traffic capacity on scale-free networks. **2022**, 127887 1
- 55 Study on the rare waterbird habitat networks of a new UNESCO World Natural Heritage site based on scenario simulation. **2022**, 843, 157058 0

- 54 Centrality measures in interval-weighted networks. **2022**, 10,
- 53 Monitoring social networks based on transformation into categorical data. **2022**, 29, 487-498
- 52 How Does an Authoritarian State Co-opt Its Social Scientists Studying Civil Society?. 2
- 51 News sharing on Twitter reveals emergent fragmentation of media agenda and persistent polarization. **2022**, 11,
- 50 A Useful Criterion on Studying Consistent Estimation in Community Detection. **2022**, 24, 1098 2
- 49 Score Driven Generalized Fitness Model for Sparse and Weighted Temporal Networks. **2022**,
- 48 The development of stratification and segregation in a new scientific field: A study of collaboration among scientists in neuroblastoma research between 1975 and 2016. **2023**, 72, 80-107 0
- 47 Low-Latency Multicast and Broadcast Technologies for Real-Time Applications in Smart Grid. **2022**, 863-894 0
- 46 Computational Analyses Reveal Fundamental Properties of the Hemophilia Literature in the Last 6 Decades. **2022**, 16, 117793222211256 0
- 45 The Dynamics of Innovative Industry Networks during Digitalization : A Case Study of the Game Software Industry in Korea. **2022**, 0
- 44 Variational Kinetic Clustering of Complex Networks. 0
- 43 The fractal brain: scale-invariance in structure and dynamics. 0
- 42 Percolation transitions in interdependent networks with reinforced dependency links. **2022**, 32, 093147 0
- 41 Weighted simplicial complexes and their representation power of higher-order network data and topology. **2022**, 106, 1
- 40 A Weighted and Normalized GouldBernandez brokerage measure. **2022**, 17, e0274475 0
- 39 Effect of coupling structure on traffic-driven epidemic spreading in interconnected networks. **2022**, 128215 0
- 38 Research topic flows in co-authorship networks. 0
- 37 Research on the co-evolution of temporal networks structure and public opinion propagation. 016555152211209

- 36 Collaboration Networks and Career Trajectories: What Do Metadata from Data Repositories Tell Us?. **2022**, 59, 100-110 ○
- 35 Learning through online participation: A longitudinal analysis of participatory budgeting using Big Data indicators. **2022**, 1-22 ○
- 34 Engaging Stakeholders to Overcome the Common Constraints for Delivering Low Carbon Buildings in High-Rise High-Density Cities. **2023**, 149, ○
- 33 Graph-based research field analysis by the use of natural language processing: An overview of German energy research. **2023**, 186, 122139 ○
- 32 Robustness and efficiency of international pesticide trade networks subject to link removal strategies. **2022**, 12, ○
- 31 Management of evidence and conflict of interest in guidelines on early childhood allergy prevention and child nutrition: study protocol of a systematic synthesis of guidelines and explorative network analysis. 11, 1290 ○
- 30 The Cascade Effect of Associated Credit Risk Contagion among enterprises under the Economic Cycles. **2022**, 214, 904-909 ○
- 29 Signatures of capacity development through research collaborations in artificial intelligence and machine learning. **2023**, 17, 101358 ○
- 28 What does network analysis teach us about international environmental cooperation?. **2023**, 205, 107670 ○
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- 26 EWMA control charts using generalized centrality measures for social network monitoring. 1-24 ○
- 25 Regular collective dynamics of research collaboration. **2022**, 128437 ○
- 24 Weight distributions of American domestic passenger air transportation networks. **2022**, 2022, 123404 ○
- 23 Agroecology research in Europe: current status and perspectives. 2, 139 ○
- 22 Fresh insights for sustainable development: Collaborative governance of carbon emissions based on social network analysis. ○
- 21 From Groups to Communities: A Resource Mobilization Theory Perspective on the Emergence of Communities. ○
- 20 Mining of book-loan behavior based on coupling relationship analysis. **2022**, 128439 ○
- 19 Identification of Major Climate Change Impact Areas Based on a Network Analysis and Review of the Corresponding Laws for Adaptation. **2022**, 13, 715-728 ○

- 18 An efficient weighted network centrality approach for exploring mechanisms of action of the Ruellia herbal formula for treating rheumatoid arthritis. **2023**, 8, ○
- 17 The effect of structural holes on producing novel and disruptive research in physics. ○
- 16 Patterns of Typical Chinese Urban Agglomerations Based on Complex Spatial Network Analysis. **2023**, 15, 920 ○
- 15 Identify influential nodes in social networks with graph multi-head attention regression model. **2023**, 530, 23-36 ○
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- 12 Item Graph Convolution Collaborative Filtering for Inductive Recommendations. **2023**, 249-263 ○
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- 8 Agroecology research in Europe funded by European and transnational programmes: current status and perspectives. 2, 139 ○
- 7 Research on endogenous internet public opinion dissemination in Chinese universities based on SNIDR model. **2023**, 1-17 ○
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- 4 Targeted Community Merging provides an efficient comparison between collaboration clusters and departmental partitions. **2023**, 11, ○
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- 2 Asymmetry of social interactions and its role in link predictability: The case of coauthorship networks. **2023**, 17, 101405 ○
- 1 Empirical networks for localized COVID-19 interventions using WiFi infrastructure at university campuses. 5, ○

