

Xiaofang Zhou

List of Publications by Citations

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

450
papers

12,658
citations

61
h-index

93
g-index

493
ext. papers

14,686
ext. citations

3.2
avg, IF

6.64
L-index

#	Paper	IF	Citations
450	Infrared patch-image model for small target detection in a single image. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 4996-5009	8.7	366
449	Endogenous brain-derived neurotrophic factor is anterogradely transported in primary sensory neurons. <i>Neuroscience</i> , 1996 , 74, 945-53	3.9	258
448	Discovery of convoys in trajectory databases. <i>Proceedings of the VLDB Endowment</i> , 2008 , 1, 1068-1080	3.1	252
447	Deprivation of endogenous brain-derived neurotrophic factor results in impairment of spatial learning and memory in adult rats. <i>Brain Research</i> , 1999 , 835, 259-65	3.7	239
446	Discovering popular routes from trajectories 2011 ,		193
445	Clustering-Guided Sparse Structural Learning for Unsupervised Feature Selection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 2138-2150	4.2	184
444	Satellite-cell-derived nerve growth factor and neurotrophin-3 are involved in noradrenergic sprouting in the dorsal root ganglia following peripheral nerve injury in the rat. <i>European Journal of Neuroscience</i> , 1999 , 11, 1711-22	3.5	182
443	Spark 2007 ,		173
442	Differential expression of the p75 nerve growth factor receptor in glia and neurons of the rat dorsal root ganglia after peripheral nerve transection. <i>Journal of Neuroscience</i> , 1996 , 16, 2901-11	6.6	170
441	Consumption of grape seed extract prevents amyloid-beta deposition and attenuates inflammation in brain of an Alzheimer's disease mouse. <i>Neurotoxicity Research</i> , 2009 , 15, 3-14	4.3	164
440	A Hybrid Prediction Model for Moving Objects 2008 ,		164
439	Clearance of amyloid-beta in Alzheimer's disease: progress, problems and perspectives. <i>Drug Discovery Today</i> , 2006 , 11, 931-8	8.8	154
438	Adapting to User Interest Drift for POI Recommendation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016 , 28, 2566-2581	4.2	141
437	Spatial-Aware Hierarchical Collaborative Deep Learning for POI Recommendation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 2537-2551	4.2	141
436	Searching trajectories by locations 2010 ,		139
435	Injured primary sensory neurons switch phenotype for brain-derived neurotrophic factor in the rat. <i>Neuroscience</i> , 1999 , 92, 841-53	3.9	138
434	Compound Rank- k Projections for Bilinear Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1502-13	10.3	137

433	Increased brain-derived neurotrophic factor immunoreactivity in rat dorsal root ganglia and spinal cord following peripheral inflammation. <i>Brain Research</i> , 1997 , 764, 269-72	3.7	125
432	Semisupervised feature selection via spline regression for video semantic recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 252-64	10.3	124
431	Joint Modeling of User Check-in Behaviors for Real-time Point-of-Interest Recommendation. <i>ACM Transactions on Information Systems</i> , 2016 , 35, 1-44	4.8	122
430	Isolation and characterization of neural crest progenitors from adult dorsal root ganglia. <i>Stem Cells</i> , 2007 , 25, 2053-65	5.8	122
429	Reducing Uncertainty of Low-Sampling-Rate Trajectories 2012 ,		121
428	Online Discovery of Gathering Patterns over Trajectories. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 1974-1988	4.2	120
427	Personalized trajectory matching in spatial networks. <i>VLDB Journal</i> , 2014 , 23, 449-468	3.9	119
426	Physiological amyloid-beta clearance in the periphery and its therapeutic potential for Alzheimer's disease. <i>Acta Neuropathologica</i> , 2015 , 130, 487-99	14.3	114
425	Path prediction and predictive range querying in road network databases. <i>VLDB Journal</i> , 2010 , 19, 585-602		111
424	Multi-source Skyline Query Processing in Road Networks 2007 ,		111
423	Hyperalgesia due to nerve damage: role of nerve growth factor. <i>Pain</i> , 1999 , 81, 245-255	8	108
422	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 2066-2079	6.6	107
421	ProBDNF collapses neurite outgrowth of primary neurons by activating RhoA. <i>PLoS ONE</i> , 2012 , 7, e35883	3.7	107
420	TNF-alpha mediates p38 MAP kinase activation and negatively regulates bone formation at the injured growth plate in rats. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 1075-88	6.3	103
419	Neurotrophins from dorsal root ganglia trigger allodynia after spinal nerve injury in rats. <i>European Journal of Neuroscience</i> , 2000 , 12, 100-5	3.5	101
418	Brain-derived neurotrophic factor protects against tau-related neurodegeneration of Alzheimer's disease. <i>Translational Psychiatry</i> , 2016 , 6, e907	8.6	100
417	Dynamic User Modeling in Social Media Systems. <i>ACM Transactions on Information Systems</i> , 2015 , 33, 1-44	4.8	99
416	Upregulation of blood proBDNF and its receptors in major depression. <i>Journal of Affective Disorders</i> , 2013 , 150, 776-84	6.6	95

415	Localization of neurotrophin-3-like immunoreactivity in the rat central nervous system. <i>Brain Research</i> , 1994 , 643, 162-72	3.7	93
414	Edaravone alleviates Alzheimer's disease-type pathologies and cognitive deficits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5225-30	11.5	91
413	Suppression of p75NTR does not promote regeneration of injured spinal cord in mice. <i>Journal of Neuroscience</i> , 2004 , 24, 542-6	6.6	91
412	Distribution of trkB tyrosine kinase immunoreactivity in the rat central nervous system. <i>Brain Research</i> , 1993 , 622, 63-70	3.7	91
411	Geo-SAGE 2015 ,		89
410	Peripherally-derived BDNF promotes regeneration of ascending sensory neurons after spinal cord injury. <i>PLoS ONE</i> , 2008 , 3, e1707	3.7	81
409	Sympathetic neurons in neonatal rats require endogenous neurotrophin-3 for survival. <i>Journal of Neuroscience</i> , 1995 , 15, 6521-30	6.6	78
408	Roles of transforming growth factor-alpha and related molecules in the nervous system. <i>Molecular Neurobiology</i> , 1999 , 20, 157-83	6.2	75
407	Towards effective indexing for very large video sequence database 2005 ,		74
406	p75NTR regulates Abeta deposition by increasing Abeta production but inhibiting Abeta aggregation with its extracellular domain. <i>Journal of Neuroscience</i> , 2011 , 31, 2292-304	6.6	72
405	Short text understanding through lexical-semantic analysis 2015 ,		71
404	Localization of neurotrophin-3-like immunoreactivity in peripheral tissues of the rat. <i>Brain Research</i> , 1993 , 621, 189-99	3.7	71
403	Ultrastructural localization of brain-derived neurotrophic factor in rat primary sensory neurons. <i>Neuroscience Research</i> , 2001 , 39, 377-84	2.9	69
402	Interactive Top-k Spatial Keyword queries 2015 ,		68
401	Genetic Algorithm Based QoS-Aware Service Compositions in Cloud Computing. <i>Lecture Notes in Computer Science</i> , 2011 , 321-334	0.9	68
400	Distribution and localization of pro-brain-derived neurotrophic factor-like immunoreactivity in the peripheral and central nervous system of the adult rat. <i>Journal of Neurochemistry</i> , 2004 , 91, 704-15	6	68
399	Discovering interpretable geo-social communities for user behavior prediction 2016 ,		67
398	Joint Modeling of User Check-in Behaviors for Point-of-Interest Recommendation 2015 ,		66

397	Clearance of amyloid-beta in Alzheimer's disease: shifting the action site from center to periphery. <i>Molecular Neurobiology</i> , 2015 , 51, 1-7	6.2	66
396	ProBDNF Signaling Regulates Depression-Like Behaviors in Rodents under Chronic Stress. <i>Neuropsychopharmacology</i> , 2016 , 41, 2882-2892	8.7	66
395	Convoy Queries in Spatio-Temporal Databases 2008 ,		65
394	p75NTR ectodomain is a physiological neuroprotective molecule against amyloid-beta toxicity in the brain of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2015 , 20, 1301-10	15.1	64
393	Roles of brain-derived neurotrophic factor/tropomyosin-related kinase B (BDNF/TrkB) signalling in Alzheimer's disease. <i>Journal of Clinical Neuroscience</i> , 2012 , 19, 946-9	2.2	64
392	Knockout of p75(NTR) impairs re-myelination of injured sciatic nerve in mice. <i>Journal of Neurochemistry</i> , 2006 , 96, 833-42	6	64
391	Actions of brain-derived neurotrophic factor on spinal nociceptive transmission during inflammation in the rat. <i>Journal of Physiology</i> , 2005 , 569, 685-95	3.9	64
390	Nogo-66 inhibits adhesion and migration of microglia via GTPase Rho pathway in vitro. <i>Journal of Neurochemistry</i> , 2012 , 120, 721-31	6	61
389	Efficient secure similarity computation on encrypted trajectory data 2015 ,		60
388	Calibrating trajectory data for similarity-based analysis 2013 ,		60
387	An improved procedure for the immunohistochemical localization of nerve growth factor-like immunoreactivity. <i>Journal of Neuroscience Methods</i> , 1994 , 54, 95-102	3	60
386	Small primary sensory neurons innervating epidermis and viscera display differential phenotype in the adult rat. <i>Neuroscience Research</i> , 2001 , 41, 355-63	2.9	59
385	Peritoneal dialysis reduces amyloid-beta plasma levels in humans and attenuates Alzheimer-associated phenotypes in an APP/PS1 mouse model. <i>Acta Neuropathologica</i> , 2017 , 134, 207-220	14.3	56
384	Huntingtin-associated protein-1 interacts with pro-brain-derived neurotrophic factor and mediates its transport and release. <i>Journal of Biological Chemistry</i> , 2010 , 285, 5614-23	5.4	56
383	Detection of increased tissue concentrations of nerve growth factor with an improved extraction procedure. <i>Journal of Neuroscience Research</i> , 1996 , 46, 581-94	4.4	56
382	Bounded coordinate system indexing for real-time video clip search. <i>ACM Transactions on Information Systems</i> , 2009 , 27, 1-33	4.8	55
381	Approximate keyword search in semantic trajectory database 2015 ,		54
380	2016 ,		54

379	Monitoring path nearest neighbor in road networks 2009 ,		53
378	Probabilistic range queries for uncertain trajectories on road networks 2011 ,		53
377	Precursor of brain-derived neurotrophic factor (proBDNF) forms a complex with Huntingtin-associated protein-1 (HAP1) and sortilin that modulates proBDNF trafficking, degradation, and processing. <i>Journal of Biological Chemistry</i> , 2011 , 286, 16272-84	5-4	51
376	Discriminative Nonnegative Spectral Clustering with Out-of-Sample Extension. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 1760-1771	4-2	50
375	Modeling User Mobility for Location Promotion in Location-based Social Networks 2015 ,		48
374	Development of anxiety-like behavior via hippocampal IGF-2 signaling in the offspring of parental morphine exposure: effect of enriched environment. <i>Neuropsychopharmacology</i> , 2014 , 39, 2777-87	8-7	47
373	Endogenous proBDNF is a negative regulator of migration of cerebellar granule cells in neonatal mice. <i>European Journal of Neuroscience</i> , 2011 , 33, 1376-84	3-5	47
372	Differential effects of pro-BDNF on sensory neurons after sciatic nerve transection in neonatal rats. <i>European Journal of Neuroscience</i> , 2008 , 27, 2380-90	3-5	47
371	Pericellular Griffonia simplicifolia I isolectin B4-binding ring structures in the dorsal root ganglia following peripheral nerve injury in rats. <i>Journal of Comparative Neurology</i> , 2001 , 439, 259-74	3-4	47
370	Upregulation of brain-derived neurotrophic factor and neuropeptide Y in the dorsal ascending sensory pathway following sciatic nerve injury in rat. <i>Neuroscience Letters</i> , 1999 , 260, 49-52	3-3	47
369	Functional roles of neurotrophin 3 in the developing and mature sympathetic nervous system. <i>Molecular Neurobiology</i> , 1996 , 13, 185-97	6-2	47
368	Intramuscular delivery of a single chain antibody gene reduces brain Abeta burden in a mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2009 , 30, 364-76	5-6	46
367	Data Partitioning for Parallel Spatial Join Processing. <i>Geoinformatica</i> , 1998 , 2, 175-204	2-5	46
366	Lumbar 5 ventral root transection-induced upregulation of nerve growth factor in sensory neurons and their target tissues: a mechanism in neuropathic pain. <i>Molecular and Cellular Neurosciences</i> , 2003 , 23, 232-50	4-8	46
365	Joint Event-Partner Recommendation in Event-Based Social Networks 2018 ,		46
364	Roles of p75NTR in the pathogenesis of Alzheimer's disease: a novel therapeutic target. <i>Biochemical Pharmacology</i> , 2011 , 82, 1500-9	6	45
363	Substance P-containing sensory neurons in the rat dorsal root ganglia innervate the adrenal medulla. <i>Journal of the Autonomic Nervous System</i> , 1991 , 33, 247-54		45
362	Social Influence-Based Group Representation Learning for Group Recommendation 2019 ,		44

361	Efficient parallel skyline processing using hyperplane projections 2011 ,		44
360	Huntingtin associated protein 1 and its functions. <i>Cell Adhesion and Migration</i> , 2009 , 3, 71-6	3.2	43
359	EtherQL: A Query Layer for Blockchain System. <i>Lecture Notes in Computer Science</i> , 2017 , 556-567	0.9	42
358	. <i>IEEE Transactions on Multimedia</i> , 2009 , 11, 879-891	6.6	42
357	Nerve growth factor, neuropeptides, and mast cells in ultraviolet-B-induced systemic suppression of contact hypersensitivity responses in mice. <i>Journal of Investigative Dermatology</i> , 2002 , 118, 396-401	4.3	42
356	Calibrating trajectory data for spatio-temporal similarity analysis. <i>VLDB Journal</i> , 2015 , 24, 93-116	3.9	41
355	SharkDB 2014 ,		41
354	ProBDNF inhibits infiltration of ED1+ macrophages after spinal cord injury. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 585-97	16.6	41
353	Neurotrophic factors are required by mature sympathetic neurons for survival, transmission and connectivity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997 , 24, 549-55	3	40
352	MCS-GPM: Multi-Constrained Simulation Based Graph Pattern Matching in Contextual Social Graphs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 1050-1064	4.2	39
351	Multi-Constrained Graph Pattern Matching in large-scale contextual social graphs 2015 ,		38
350	Joint Modeling of Users' Interests and Mobility Patterns for Point-of-Interest Recommendation 2015 ,		38
349	Keyword-aware continuous kNN query on road networks 2016 ,		37
348	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1115-1126	6.6	37
347	From trajectories to activities 2009 ,		37
346	Primary sensory neuron addition in the adult rat trigeminal ganglion: evidence for neural crest glio-neuronal precursor maturation. <i>Journal of Neuroscience</i> , 2007 , 27, 7939-53	6.6	37
345	Enhanced aggressive behaviour in a mouse model of depression. <i>Neurotoxicity Research</i> , 2015 , 27, 129-42.3	4.3	36
344	Roles of glial p75NTR in axonal regeneration. <i>Journal of Neuroscience Research</i> , 2007 , 85, 1601-5	4.4	36

343	Understand Short Texts by Harvesting and Analyzing Semantic Knowledge. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 499-512	4.2	35
342	Efficient Clue-Based Route Search on Road Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 1846-1859	4.2	35
341	Differential effects of endogenous brain-derived neurotrophic factor on the survival of axotomized sensory neurons in dorsal root ganglia: a possible role for the p75 neurotrophin receptor. <i>Neuroscience</i> , 2005 , 132, 591-603	3.9	35
340	Injection of brain-derived neurotrophic factor in the rostral ventrolateral medulla increases arterial blood pressure in anaesthetized rats. <i>Neuroscience</i> , 2002 , 112, 967-75	3.9	35
339	Nafamostat mesilate improves function recovery after stroke by inhibiting neuroinflammation in rats. <i>Brain, Behavior, and Immunity</i> , 2016 , 56, 230-45	16.6	34
338	Go slow to go fast: minimal on-road time route scheduling with parking facilities using historical trajectory. <i>VLDB Journal</i> , 2018 , 27, 321-345	3.9	33
337	Maximum error-bounded Piecewise Linear Representation for online stream approximation. <i>VLDB Journal</i> , 2014 , 23, 915-937	3.9	33
336	Development of mature BDNF-specific sandwich ELISA. <i>Journal of Neurochemistry</i> , 2015 , 134, 75-85	6	33
335	Mining multi-tag association for image tagging. <i>World Wide Web</i> , 2011 , 14, 133-156	2.9	33
334	Intramuscular delivery of a single chain antibody gene prevents brain A β deposition and cognitive impairment in a mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 1281-93	16.6	33
333	Amyloid beta β 1-42 up-regulates the expression of sortilin via the p75(NTR)/RhoA signaling pathway. <i>Journal of Neurochemistry</i> , 2013 , 127, 152-62	6	32
332	ProBDNF and its receptors are upregulated in glioma and inhibit the growth of glioma cells in vitro. <i>Neuro-Oncology</i> , 2013 , 15, 990-1007	1	32
331	. <i>IEEE Transactions on Multimedia</i> , 2010 , 12, 386-398	6.6	32
330	Endogenous nerve growth factor and neurotrophin-3 act simultaneously to ensure the survival of postnatal sympathetic neurons in vivo. <i>Neuroscience</i> , 1998 , 83, 373-80	3.9	32
329	A survey of trajectory distance measures and performance evaluation. <i>VLDB Journal</i> , 2020 , 29, 3-32	3.9	32
328	Finding the most accessible locations 2011 ,		31
327	Rat mature sympathetic neurones derive neurotrophin 3 from peripheral effector tissues. <i>European Journal of Neuroscience</i> , 1997 , 9, 2753-64	3.5	31
326	Best Keyword Cover Search. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 61-73	4.2	30

325	QoS-Aware Cloud Service Composition Based on Economic Models. <i>Lecture Notes in Computer Science</i> , 2012 , 111-126	0.9	30
324	Effects of proNGF on neuronal viability, neurite growth and amyloid-beta metabolism. <i>Neurotoxicity Research</i> , 2010 , 17, 257-67	4.3	30
323	Reference-Based Framework for Spatio-Temporal Trajectory Compression and Query Processing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 2227-2240	4.2	30
322	Where to Go Next: A Spatio-Temporal Gated Network for Next POI Recommendation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	29
321	Approximating query answering on RDF databases. <i>World Wide Web</i> , 2012 , 15, 89-114	2.9	29
320	PNN query processing on compressed trajectories. <i>Geoinformatica</i> , 2012 , 16, 467-496	2.5	29
319	SPARK2: Top-k Keyword Query in Relational Databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2011 , 23, 1763-1780	4.2	29
318	Mining Trajectory Patterns Using Hidden Markov Models. <i>Lecture Notes in Computer Science</i> , 2007 , 470-480		29
317	SRA: Secure Reverse Auction for Task Assignment in Spatial Crowdsourcing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 782-796	4.2	29
316	Trajectory Indexing and Retrieval 2011 , 35-60		29
315	Effects of (-)-Epicatechin on the Pathology of APP/PS1 Transgenic Mice. <i>Frontiers in Neurology</i> , 2014 , 5, 69	4.1	28
314	On Group Nearest Group Query Processing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2012 , 24, 295-308	4.2	28
313	Endogenous nerve growth factor is required for regulation of the low affinity neurotrophin receptor (p75) in sympathetic but not sensory ganglia. <i>Journal of Comparative Neurology</i> , 1996 , 372, 37-48	3.4	28
312	Possible and certain keys for SQL. <i>VLDB Journal</i> , 2016 , 25, 571-596	3.9	28
311	Semantic-aware top-k spatial keyword queries. <i>World Wide Web</i> , 2018 , 21, 573-594	2.9	28
310	ProBDNF inhibits proliferation, migration and differentiation of mouse neural stem cells. <i>Brain Research</i> , 2017 , 1668, 46-55	3.7	27
309	Making sense of trajectory data: A partition-and-summarization approach 2015 ,		27
308	Neural Stem Cell Transplantation Promotes Functional Recovery from Traumatic Brain Injury via Brain Derived Neurotrophic Factor-Mediated Neuroplasticity. <i>Molecular Neurobiology</i> , 2018 , 55, 2696-2711	6.2	27

307	Edaravone neuroprotection effected by suppressing the gene expression of the Fas signal pathway following transient focal ischemia in rats. <i>Neurotoxicity Research</i> , 2007 , 12, 155-62	4.3	27
306	Destination-Aware Task Assignment in Spatial Crowdsourcing: A Worker Decomposition Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 2336-2350	4.2	27
305	Minimal on-road time route scheduling on time-dependent graphs. <i>Proceedings of the VLDB Endowment</i> , 2017 , 10, 1274-1285	3.1	26
304	Huntingtin associated protein 1 regulates trafficking of the amyloid precursor protein and modulates amyloid beta levels in neurons. <i>Journal of Neurochemistry</i> , 2012 , 122, 1010-22	6	26
303	Mature BDNF promotes the growth of glioma cells in vitro. <i>Oncology Reports</i> , 2013 , 30, 2719-24	3.5	26
302	Effects of electro-acupuncture on the expression of c-jun and c-fos in spared dorsal root ganglion and associated spinal laminae following removal of adjacent dorsal root ganglia in cats. <i>Neuroscience</i> , 2006 , 140, 1169-76	3.9	26
301	Instance optimal query processing in spatial networks. <i>VLDB Journal</i> , 2009 , 18, 675-693	3.9	25
300	Peripheral projections of rat primary sensory neurons immunoreactive for neurotrophin 3. <i>Journal of Comparative Neurology</i> , 1995 , 363, 69-77	3.4	25
299	Progressive Keyword Search in Relational Databases. <i>Proceedings - International Conference on Data Engineering</i> , 2009 ,	2	24
298	An adaptive and dynamic dimensionality reduction method for high-dimensional indexing. <i>VLDB Journal</i> , 2007 , 16, 219-234	3.9	24
297	A Novelty-Seeking based Dining Recommender System 2015 ,		23
296	Roles of neurotrophins in skeletal tissue formation and healing. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2133-2145	7	23
295	TOSI: A trust-oriented social influence evaluation method in contextual social networks. <i>Neurocomputing</i> , 2016 , 210, 130-140	5.4	23
294	Huntingtin-associated protein 1 regulates exocytosis, vesicle docking, readily releasable pool size and fusion pore stability in mouse chromaffin cells. <i>Journal of Physiology</i> , 2014 , 592, 1505-18	3.9	23
293	Identifying users' topical tasks in web search 2013 ,		23
292	Finding Alternative Shortest Paths in Spatial Networks. <i>ACM Transactions on Database Systems</i> , 2012 , 37, 1-31	1.6	23
291	Upregulation of brain-derived neurotrophic factor in the sensory pathway by selective motor nerve injury in adult rats. <i>Neurotoxicity Research</i> , 2006 , 9, 269-83	4.3	23
290	Treatment of spinal cord injury with co-grafts of genetically modified Schwann cells and fetal spinal cord cell suspension in the rat. <i>Neurotoxicity Research</i> , 2005 , 7, 169-77	4.3	23

289	Computing Relaxed Answers on RDF Databases. <i>Lecture Notes in Computer Science</i> , 2008 , 163-175	0.9	23
288	Transplantation of NSCs with OECs alleviates neuropathic pain associated with NGF downregulation in rats following spinal cord injury. <i>Neuroscience Letters</i> , 2013 , 549, 103-8	3.3	22
287	Exploiting Spatio-Temporal User Behaviors for User Linkage 2017 ,		22
286	Effective and Efficient Query Processing for Video Subsequence Identification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2009 , 21, 321-334	4.2	22
285	Substance P increases catecholamine secretion from perfused rat adrenal glands evoked by prolonged field stimulation. <i>Journal of Physiology</i> , 1990 , 425, 321-34	3.9	22
284	STMaker. <i>Proceedings of the VLDB Endowment</i> , 2014 , 7, 1701-1704	3.1	21
283	Possible and certain SQL keys. <i>Proceedings of the VLDB Endowment</i> , 2015 , 8, 1118-1129	3.1	21
282	The intracellular domain of sortilin interacts with amyloid precursor protein and regulates its lysosomal and lipid raft trafficking. <i>PLoS ONE</i> , 2013 , 8, e63049	3.7	21
281	Mining near-duplicate graph for cluster-based reranking of web video search results. <i>ACM Transactions on Information Systems</i> , 2010 , 28, 1-27	4.8	21
280	Online Near-Duplicate Video Clip Detection and Retrieval: An Accurate and Fast System. <i>Proceedings - International Conference on Data Engineering</i> , 2009 ,	2	21
279	Time-Dependent Hop Labeling on Road Network 2019 ,		20
278	A web-based approach to data imputation. <i>World Wide Web</i> , 2014 , 17, 873-897	2.9	20
277	2014 ,		20
276	Computing Unrestricted Synopses Under Maximum Error Bound. <i>Algorithmica</i> , 2013 , 65, 1-42	0.9	20
275	K-nearest neighbor search for fuzzy objects 2010 ,		20
274	TADA: Trend Alignment with Dual-Attention Multi-task Recurrent Neural Networks for Sales Prediction 2018 ,		20
273	Computing Crowd Consensus with Partial Agreement. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 1-14	4.2	19
272	Effective and Efficient User Account Linkage across Location Based Social Networks 2018 ,		19

271	ST-SAGE. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017 , 8, 1-25	8	18
270	When Differential Privacy Meets Randomized Perturbation: A Hybrid Approach for Privacy-Preserving Recommender System. <i>Lecture Notes in Computer Science</i> , 2017 , 576-591	0.9	18
269	2020 ,		18
268	Exploring Social Influence on Location-Based Social Networks 2014 ,		18
267	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 1220-1233	6.6	18
266	Microblog Entity Linking with Social Temporal Context 2015 ,		17
265	Outlier Trajectory Detection: A Trajectory Analytics Based Approach. <i>Lecture Notes in Computer Science</i> , 2017 , 231-246	0.9	16
264	A Hierarchical Framework for Top-k Location-Aware Error-Tolerant Keyword Search 2019 ,		16
263	SharkDB 2015 ,		16
262	A Privacy-Preserving Framework for Trust-Oriented Point-of-Interest Recommendation. <i>IEEE Access</i> , 2018 , 6, 393-404	3.5	16
261	Graph-Based Metric Embedding for Next POI Recommendation. <i>Lecture Notes in Computer Science</i> , 2016 , 207-222	0.9	16
260	Spatial query processing for fuzzy objects. <i>VLDB Journal</i> , 2012 , 21, 729-751	3.9	16
259	Effective data co-reduction for multimedia similarity search 2011 ,		16
258	Adaptive Subspace Symbolization for Content-Based Video Detection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 1372-1387	4.2	16
257	Discovering the Most Influential Sites over Uncertain Data: A Rank-Based Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2012 , 24, 2156-2169	4.2	16
256	Leveraging multi-aspect time-related influence in location recommendation. <i>World Wide Web</i> , 2019 , 22, 1001-1028	2.9	16
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231	Exploiting Aesthetic Preference in Deep Cross Networks for Cross-domain Recommendation 2020 ,		12
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229	Mobi-SAGE: A Sparse Additive Generative Model for Mobile App Recommendation 2017 ,		11
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186	Finding Event-Oriented Patterns in Long Temporal Sequences. <i>Lecture Notes in Computer Science</i> , 2003 , 15-26	0.9	7
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169	Mining Subgraphs from Propagation Networks through Temporal Dynamic Analysis 2018 ,		5
168	2019 ,		5
167	Multi-Constrained Top-K Graph Pattern Matching in Contextual Social Graphs 2017 ,		5
166	Quality-aware schedulers for weak consistency key-value data stores. <i>Distributed and Parallel Databases</i> , 2014 , 32, 535-581	0.9	5
165	Interactive near-duplicate video retrieval and detection 2009 ,		5
164	Hybrid information retrieval policies based on cooperative cache in mobile P2P networks. <i>Frontiers of Computer Science</i> , 2009 , 3, 381-395		5

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162	Indexing and Integrating Multiple Features for WWW Images. <i>World Wide Web</i> , 2006 , 9, 343-364	2.9	5
161	Cardinality Constraints for Uncertain Data. <i>Lecture Notes in Computer Science</i> , 2014 , 108-121	0.9	5
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157	Multiscale Histograms 2003 , 814-825		5
156	Efficient 2-Hop Labeling Maintenance in Dynamic Small-World Networks 2021 ,		5
155	Temporal knowledge extraction from large-scale text corpus. <i>World Wide Web</i> , 2021 , 24, 135-156	2.9	5
154	Incremental Graph Pattern Based Node Matching 2018 ,		5
153	Data partitioning for parallel spatial join processing. <i>Lecture Notes in Computer Science</i> , 1997 , 178-196	0.9	5
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149	Pattern-based moving object tracking 2011 ,		4
148	Structure tensor series-based matching for near-duplicate video retrieval 2011 ,		4
147	Finding the silver lining for data freshness on the cloud 2012 ,		4
146	Distribution-based similarity measures for multi-dimensional point set retrieval applications 2008 ,		4

145	Expansion-Based Algorithms for Finding Single Pair Shortest Path on Surface. <i>Lecture Notes in Computer Science</i> , 2005 , 151-166	0.9	4
144	Direct mesh: a multiresolution approach to terrain visualization		4
143	Automatic texture segmentation for texture-based image retrieval		4
142	A Latent Usage Approach for Clustering Web Transaction and Building User Profile. <i>Lecture Notes in Computer Science</i> , 2005 , 31-42	0.9	4
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137	Coalition-based Task Assignment in Spatial Crowdsourcing 2021 ,		4
136	Dynamic Hub Labeling for Road Networks 2021 ,		4
135	Efficient and robust data augmentation for trajectory analytics: a similarity-based approach. <i>World Wide Web</i> , 2020 , 23, 361-387	2.9	4
134	Trajectories know where map is wrong: an iterative framework for map-trajectory co-optimisation. <i>World Wide Web</i> , 2020 , 23, 47-73	2.9	4
133	Incremental Graph Pattern Based Node Matching with Multiple Updates. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 1585-1600	4.2	4
132	Photovoltaic Nowcasting With Bi-Level Spatio-Temporal Analysis Incorporating Sky Images. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1766-1776	8.2	4
131	Semantic Caching for Multiresolution Spatial Query Processing in Mobile Environments. <i>Lecture Notes in Computer Science</i> , 2005 , 382-399	0.9	4
130	Towards User Profiling for Web Recommendation. <i>Lecture Notes in Computer Science</i> , 2005 , 415-424	0.9	4
129	Calculation of Target Locations for Web Resources. <i>Lecture Notes in Computer Science</i> , 2006 , 277-288	0.9	4
128	SoulMate: Short-text author linking through Multi-aspect temporal-textual embedding. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	3

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125	Continuous Probabilistic Subspace Skyline Query Processing Using Grid Projections. <i>Journal of Computer Science and Technology</i> , 2014 , 29, 332-344	1.7	3
124	Geographical Constraint and Temporal Similarity Modeling for Point-of-Interest Recommendation. <i>Lecture Notes in Computer Science</i> , 2015 , 426-441	0.9	3
123	ORange: Objective-Aware Range Query Refinement 2014 ,		3
122	Ranking Based Activity Trajectory Search. <i>Lecture Notes in Computer Science</i> , 2014 , 170-185	0.9	3
121	Efficient web pages identification for entity resolution 2010 ,		3
120	Learning-based relevance feedback for web-based relation completion 2011 ,		3
119	Summarizing Order Statistics over Data Streams with Duplicates 2007 ,		3
118	Dynamic Multi-Resolution Spatial Object Derivation for Mobile and WWW Applications. <i>World Wide Web</i> , 2003 , 6, 305-325	2.9	3
117	Efficient Similarity-aware Influence Maximization in Geo-social Network. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	3
116	Path Query Processing Using Typical Snapshots in Dynamic Road Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 255-271	0.9	3
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113	Group-Based Recurrent Neural Networks for POI Recommendation. <i>ACM/IMS Transactions on Data Science</i> , 2020 , 1, 1-18	1.2	3
112	Entity Disambiguation Based on Parse Tree Neighbours on Graph Attention Network. <i>Lecture Notes in Computer Science</i> , 2019 , 523-537	0.9	3
111	Decentralized Embedding Framework for Large-Scale Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 425-441	0.9	3
110	Predicting Users' Purchasing Behaviors Using Their Browsing History. <i>Lecture Notes in Computer Science</i> , 2015 , 129-141	0.9	3

109	Extract Interesting Skyline Points in High Dimension. <i>Lecture Notes in Computer Science</i> , 2010 , 94-108	0.9	3
108	Enhance Web Pages Genre Identification Using Neighboring Pages. <i>Lecture Notes in Computer Science</i> , 2011 , 282-289	0.9	3
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106	Clustering Enhanced Error-tolerant Top-k Spatio-textual Search. <i>World Wide Web</i> , 2021 , 24, 1185-1214	2.9	3
105	A framework for parallel map-matching at scale using Spark. <i>Distributed and Parallel Databases</i> , 2019 , 37, 697-720	0.9	3
104	GLAD: A Grid and Labeling Framework with Scheduling for Conflict-Aware k -NN Queries. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 1554-1566	4.2	3
103	Trajectory Set Similarity Measure: An EMD-Based Approach. <i>Lecture Notes in Computer Science</i> , 2018 , 28-40	0.9	3
102	Filtering Duplicate Items over Distributed Data Streams. <i>Lecture Notes in Computer Science</i> , 2005 , 779-784	0.9	3
101	Extracting Temporal Patterns from Large-Scale Text Corpus. <i>Lecture Notes in Computer Science</i> , 2019 , 17-30	0.9	2
100	Social event identification and ranking on flickr. <i>World Wide Web</i> , 2015 , 18, 1219-1245	2.9	2
99	Origin-Destination Trajectory Diversity Analysis: Efficient Top-k Diversified Search 2018 ,		2
98	Searching activity trajectory with keywords. <i>World Wide Web</i> , 2019 , 22, 967-1000	2.9	2
97	Ranking weighted clustering coefficient in large dynamic graphs. <i>World Wide Web</i> , 2017 , 20, 855-883	2.9	2
96	Spatio-temporal Event Modeling and Ranking. <i>Lecture Notes in Computer Science</i> , 2013 , 361-374	0.9	2
95	Approximate membership localization (AML) for web-based join 2010 ,		2
94	High-dimensional indexing with oriented cluster representation for multimedia databases 2009 ,		2
93	A Subspace Symbolization Approach to Content-Based Video Search. <i>Proceedings - International Conference on Data Engineering</i> , 2009 ,	2	2
92	Efficient information retrieval in mobile peer-to-peer networks 2009 ,		2

91	Efficient buffer management for piecewise linear representation of multiple data streams 2012 ,		2
90	MOIR: A Prototype for Managing Moving Objects in Road Networks 2008 ,		2
89	ICICLE: A semantic-based retrieval system for WWW images. <i>Multimedia Systems</i> , 2006 , 11, 438-454	2.2	2
88	Texture segmentation based on features in wavelet domain for image retrieval 2003 ,		2
87	Efficient update and retrieval of objects in a multiresolution geospatial database		2
86	Semantic Caching for Web-Based Spatial Applications. <i>Lecture Notes in Computer Science</i> , 2005 , 783-794	0.9	2
85	A schedule of join operations to reduce I/O cost in spatial database systems. <i>Data and Knowledge Engineering</i> , 2000 , 35, 299-317	1.5	2
84	Spatiotemporal data modelling and management: a survey		2
83	Caching Strategies for Spatial Joins. <i>GeoInformatica</i> , 1999 , 3, 33-59	2.5	2
82	Making Sense of Spatial Trajectories 2015 ,		2
81	Achieving Effective Multi-term Queries for Fast DHT Information Retrieval. <i>Lecture Notes in Computer Science</i> , 2008 , 20-35	0.9	2
80	Efficient kNN Search with Occupation in Large-Scale On-demand Ride-Hailing. <i>Lecture Notes in Computer Science</i> , 2020 , 29-41	0.9	2
79	Typical Snapshots Selection for Shortest Path Query in Dynamic Road Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 105-120	0.9	2
78	A Social Trust Path Recommendation System in Contextual Online Social Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 652-656	0.9	2
77	Storing and Processing Massive Trajectory Data on SAP HANA. <i>Lecture Notes in Computer Science</i> , 2015 , 66-77	0.9	2
76	A Scaleless Data Model for Direct and Progressive Spatial Query Processing. <i>Lecture Notes in Computer Science</i> , 2004 , 148-159	0.9	2
75	Adaptive Query Scheduling in Key-Value Data Stores. <i>Lecture Notes in Computer Science</i> , 2013 , 86-100	0.9	2
74	An Adaptive Robust Semi-Supervised Clustering Framework Using Weighted Consensus of Random k -Means Ensemble. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	2

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72	When Peculiarity Makes a Difference: Object Characterisation in Heterogeneous Information Networks. <i>Lecture Notes in Computer Science</i> , 2016 , 3-17	0.9	2
71	Finding Least On-Road Travel Time on Road Network. <i>Lecture Notes in Computer Science</i> , 2016 , 137-149	0.9	2
70	An efficient method for top-k graph based node matching. <i>World Wide Web</i> , 2019 , 22, 945-966	2.9	2
69	Online sales prediction via trend alignment-based multitask recurrent neural networks. <i>Knowledge and Information Systems</i> , 2020 , 62, 2139-2167	2.4	2
68	Efficient Trajectory Contact Query Processing. <i>Lecture Notes in Computer Science</i> , 2021 , 658-666	0.9	2
67	A Survey and Experimental Study on Privacy-Preserving Trajectory Data Publishing		2
66	Computing Crowd Consensus with Partial Agreement 2018 ,		2
65	A System for Spatial-Temporal Trajectory Data Integration and Representation. <i>Lecture Notes in Computer Science</i> , 2018 , 807-812	0.9	2
64	Community-based influence maximization in location-based social network. <i>World Wide Web</i> , 1	2.9	2
63	A New Indexing Method for High Dimensional Dataset. <i>Lecture Notes in Computer Science</i> , 2005 , 385-397	0.9	2
62	A performance study on large-scale data analytics using disk-based and in-memory database systems 2017 ,		1
61	Utility-Based Matching of Vehicles and Hybrid Requests on Rider Demand Responsive Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-15	6.1	1
60	TEAGS: time-aware text embedding approach to generate subgraphs. <i>Data Mining and Knowledge Discovery</i> , 2020 , 34, 1136-1174	5.6	1
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58	Exploiting detected visual objects for frame-level video filtering. <i>World Wide Web</i> , 2018 , 21, 1259-1284	2.9	1
57	TRIP: An interactive retrieving-inferring data imputation approach 2016 ,		1
56	Effective Data Density Estimation in Ring-Based P2P Networks 2012 ,		1

55	Data centric research at the University of Queensland. <i>SIGMOD Record</i> , 2013 , 42, 63-68	1.1	1
54	. <i>IEEE Transactions on Multimedia</i> , 2011 , 13, 71-81	6.6	1
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52	IRank: A Term-Based Innovation Ranking System for Conferences and Scholars. <i>Lecture Notes in Computer Science</i> , 2009 , 126-137	0.9	1
51	Continuously monitoring the correlations of massive discrete streams 2011 ,		1
50	A declustering algorithm for minimising spatial join cost. <i>Lecture Notes in Computer Science</i> , 1997 , 363-372		1
49	2008 ,		1
48	Solving SAT problem by heuristic polarity decision-making algorithm. <i>Science in China Series F: Information Sciences</i> , 2007 , 50, 915-925		1
47	A Multiresolution Terrain Model for Efficient Visualization Query Processing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2006 , 18, 1382-1396	4.2	1
46	Video matching using binary signature 2005 ,		1
45	Wavelet-based image segment representation. <i>Electronics Letters</i> , 2002 , 38, 1091	1.1	1
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43	Parallel transitive closure computation in relational databases. <i>Information Sciences</i> , 1996 , 92, 109-135	7.7	1
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