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Title word cross-reference

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viewing [326]. views
[653, 673, 366, 668, 279, 438, 1338, 422, 1558, 119, 1604, 320, 2893, 2349]. VIIQ [1405].
VINCENT [2939]. VINErY [1407].
violations [357, 2759]. VIP [2845, 1655].
VIP-Tree [1655]. Viper [2493]. Viral
[1291, 1164]. Virtual
[1403, 3048, 366, 2204, 1924, 767, 2265, 367].
virtualization [892]. virtues [1017].
VisDPt [1583]. VISE [2085]. visibility
[1679, 2047]. vision [342, 1082]. VisQI
[498]. Vista [2047]. Visual
[3095, 1534, 1807, 746, 1583, 1405, 1181, 2376, 1407, 2080, 1790, 2639, 2433, 1666, 497, 1450, 2953, 736, 2943, 1587, 2527, 756].
visual-representative [497]. visualization
[2490, 2581, 2755, 2732, 2932, 2107, 332, 1071, 1811, 1683, 1401, 2748, 761, 1450, 1082, 1372].
References


**Baykan:2008:WPL**


**Han:2008:PQO**


**Hadjieleftheriou:2008:HSS**


**Cohen:2008:TEU**


**Alexe:2008:STB**


**Katsis:2008:ISR**


**Hernandez:2008:DED**


**Li:2008:OPN**


**Han:2008:SET**


**Jin:2008:SWT**


REFERENCES

[38] Ashwin Machanavajjhala, Erik Vee, Minos Garofalakis, and Jayavel Shan-

mugasundaram. Scalable ranked publish/subscribe. Proceedings of the
VLDB Endowment, 1(1):451–462, August 2008. CODEN ???? ISSN 2150-
8097.

able cardinality forecasts for XQuery. Proceedings of the VLDB Endowment,

[40] Hongzhi Wang, Jianzhong Li, Jizhou Luo, and Hong Gao. Hash-base
subgraph query processing method for graph-structured XML documents.
???? ISSN 2150-8097.

???? ISSN 2150-8097.

[42] Allison L. Holloway and David J. De-
Witt. Read-optimized databases, in depth. Proceedings of the VLDB End-

514–525, August 2008. CODEN ???? ISSN 2150-8097.

[44] Russell Sears, Mark Callaghan, and Eric Brewer. Rose: compressed, log-
structured replication. Proceedings of the VLDB Endowment, 1(1):526–537,
August 2008. CODEN ???? ISSN 2150-8097.

[45] Michael J. Cafarella, Alon Halevy, Daisy Zhe Wang, Eugene Wu, and
538–549, August 2008. CODEN ???? ISSN 2150-8097.

[46] Charles Garrod, Amit Manjhi, Anastasia Ailamaki, Bruce Maggs, Todd
Mowry, Christopher Olston, and Anthony Tomasic. Scalable query result cach-
ing for Web applications. Proceedings of the VLDB Endowment, 1(1):

[47] Daniele Braga, Stefano Ceri, Florian Daniel, and Davide Martinenghi. Op-
timization of multi-domain queries on the Web. Proceedings of the VLDB En-

[48] YongChul Kwon, Magdalena Balazinska, and Albert Greenberg. Fault-
tolerant stream processing using a distributed, replicated file system. Pro-
cedings of the VLDB Endowment, 1
REFERENCES


Yeh:2008:LLW


Aguilera:2008:PSD


Qiao:2008:MMS


Johnson:2008:RWP


Soundararajan:2008:DPC


Neumann:2008:RRS


Simitsis:2008:MCE


Fontoura:2008:RTS


Nguyen:2008:LEF


Jayapandian:2008:ACF


Yahia:2008:ENA

[59] Sihem Amer Yahia, Michael Benedikt, Laks V. S. Lakshmanan, and Julia
REFERENCES


[80] Suman Nath and Phillip B. Gibbons. Online maintenance of very large ran-


[89] Jae-Gil Lee, Jiawei Han, Xiaolei Li, and Hector Gonzalez. TraClass: trajectory classification using hierarchical region-based and trajectory-based clustering. *Proceedings of the VLDB Endowment*, 1(1):1081–1094, August 2008. CODEN ???? ISSN 2150-8097.

REFERENCES

D:2008:IRP


Guravannavar:2008:RPB


D:2008:IRP


Chaudhuri:2008:PYG


Condie:2008:ERM


Chiang:2008:DDQ


Zhang:2008:MN


Dalvi:2008:KSE


Koltsidas:2008:SHD


Metwally:2008:SSP


Poess:2008:ECK

REFERENCES


[110] Mohamed Ziauddin, Dinesh Das, Hong Su, Yali Zhu, and Khaled Yagoub. Optimizer plan change management: improved stability and performance in Or-


[120] Mihai Lupu and Y. C. Tay. P 3 N: profiling the potential of a peer-based


Fan:2008:SDQ


Katsis:2008:RTI


Alexe:2008:CEM


Logothetis:2008:AHD


Weigel:2008:LSC


Crecelius:2008:MSS


Lu:2008:ASD


Hu:2008:QVQ


Hose:2008:WIT


Zeng:2009:CSA


Whang:2009:IBE


Zhou:2009:SDS


Benedikt:2009:SBI


Nehme:2009:TSD


Sarma:2009:RMP


Reeves:2009:MMT


Wu:2009:PAM

[179] Tianyi Wu, Dong Xin, Qiaozhu Mei, and Jiawei Han. Promotion analysis in multi-dimensional space. *Proceedings of the VLDB Endowment*, 2(1):109–120, August 2009. CODEN ???? ISSN 2150-8097.

Sarkas:2009:MDK


Liu:2009:UTD


Elmeleegy:2009:OPW

REFERENCES


Candea:2009:SPJ

Gupta:2009:ATA

Cautis:2009:ERX

Liu:2009:SSR

Dragut:2009:HAM

Cong:2009:ERT

Dragut:2009:SWR

Agrawal:2009:LAT

Lee:2009:MDM

Willhalm:2009:SSU
REFERENCES


Cohen:2009:CWS


Lee:2009:PLB


Karras:2009:OSL


Vigfusson:2009:APD


Tatikonda:2009:MTS


Unterbrunner:2009:PPU


Zhou:2009:GCB


AlHasan:2009:OSS


Chen:2009:MGP

[232] Chen Chen, Cindy X. Lin, Matt Fredrikson, Mihai Christodorescu, Xifeng Yan, and Jiawei Han. Mining graph patterns efficiently via randomized summaries. Proceedings of the VLDB Endowment, 2(1):742–753, August 2009. CODEN ????. ISSN 2150-8097.

Amer-Yahia:2009:GRS


Bhagat:2009:CBG

[234] Smriti Bhagat, Graham Cormode, Balachander Krishnamurthy, and Divesh Srivastava. Class-based graph

Sarkas:2009:ISS


Machanavajjhala:2009:DPA


Pang:2009:SVO


Xiao:2009:ORP


Assent:2009:ADE


Tsio:2009:IPC


Kaushik:2009:CHP


Aggarwal:2009:GCI


Yang:2009:SES


Zou:2009:DJP

REFERENCES

Wan:2009:CCP


Mueller:2009:DPF


Abouzeid:2009:HAH


He:2009:ASV


Zou:2009:AGF


Koudas:2009:DBM


Meier:2009:CTB


Moerkotte:2009:PBP


Chaudhuri:2009:ECQ


tenCate:2009:LSM

REFERENCES


[265] Muhammad Aamir Cheema, Xuemin Lin, Ying Zhang, Wei Wang, and Wen-

Chen:2009:NMM


Wong:2009:AEO


Mozafari:2009:PNB


Tzoumas:2009:WAI


Zhang:2009:EIU


Sankaranarayanan:2009:POS


Kimura:2009:CMC


Schnaitter:2009:IIP


Duan:2009:TDC


Salles:2009:ECR

[275] Marcos Vaz Salles, Tuan Cao, Benjamin Sowell, Alan Demers, Johannes Gehrke, Christoph Koch, and Walker...


Kim:2009:SVH


Xu:2009:EOJ


Friedman:2009:SMP


Gates:2009:BHL


Panda:2009:PMP


Legler:2009:RDT


Dieu:2009:TUF


Bhattacharjee:2009:EIC


Lacroix:2009:SSW

REFERENCES

Cohen:2009:MSN


Ley:2009:DSL


Mukherjee:2009:OSP


Baumgartner:2009:SWD


Rajaraman:2009:KHP


Nehme:2009:QMM


Cudre-Mauroux:2009:DSS


Liu:2009:MMM


Colle:2009:ODR


Borisov:2009:DPD

[303] Nedyalko Borisov, Shivnath Babu, Sandeep Uttamchandani, Ramani

Herschel:2009:ASA


Wu:2009:DTS


Ali:2009:MCS


Krompass:2009:TMD


Ahmad:2009:DSC


Preda:2009:AAK


Kopcke:2009:CEE


Brauer:2009:RDR


Mecca:2009:CEM

[312] Giansalvatore Mecca, Paolo Papotti, Salvatore Raunich, and Marcello Buoncristiano. Concise and expressive


[322] Yintao Yu, Cindy X. Lin, Yizhou Sun, Chen Chen, Jiawei Han, Binbin Liao,


REFERENCES


[353] Barzan Mozafari, Kai Zeng, and Carlo Zaniolo. From regular expressions to


[363] Wenfei Fan, Jianzhong Li, Shuai Ma, Nan Tang, Yinghui Wu, and Yunpeng Wu. Graph pattern matching: from...

Yildirim:2010:GSR


Bu:2010:HEI


Benedikt:2010:IVV


Terwilliger:2010:UE


Deutch:2010:NCM


Melnik:2010:DIA


Zhao:2010:GQO


Martinenghi:2010:PRJ


Vlachou:2010:IMI


Cao:2010:RTP


Nykiel:2010:MSA


Vo:2010:TET


Dittrich:2010:HMY


Bruno:2010:SLR


Tzoumas:2010:SAH


Cali:2010:APO


Parameswaran:2010:TWC


Gulhane:2010:ECR


Liu:2010:ARR


Pang:2010:ETS


REFERENCES

[405] Zhenhui Li, Bolin Ding, Jiawei Han, and Roland Kays. Swarm: mining relaxed temporal moving object clusters. *Proceedings of the VLDB Endowment*, 3(1–2):723–734, September 2010. CODEN ???? ISSN 2150-8097.


REFERENCES

Raissi:2010:CCS

Lo:2010:GDQ

Wu:2010:PTJ

Martinez-Palau:2010:TWR

Maneth:2010:XWQ

Grimsmo:2010:FOT

Benedikt:2010:DIX

Liu:2010:SWH

Pandis:2010:DOT

Deutch:2010:OTQ

Wang:2010:BSM
REFERENCES


REFERENCES


[455] Thanh T. L. Tran, Andrew McGregor, Yanlei Diao, Liping Peng, and


REFERENCES

Debnath:2010:FHT


Xin:2010:MDA


Canim:2010:SBE


Loboz:2010:DWM


Chen:2010:CHP


Orair:2010:DBO


Kim:2010:ALM


Pesti:2010:RSL


Si:2010:CST


Haritsa:2010:PDQ

REFERENCES


Liu:2010:CED


Sadoghi:2010:EEP


Levandoski:2010:CCP


Kossmann:2010:CMC


Kazemitabar:2010:GSQ


Dyreson:2010:UXT


Wang:2010:ACE


Schreiber:2010:TNP


Abiteboul:2010:AEC

REFERENCES


Akbarnejad:2010:SQR

Ang:2010:PCM

Setty:2010:IEI

Sun:2010:IIT

Kabisch:2010:DWI

Dong:2010:SST

Hentschel:2010:JTD

Alexandrov:2010:MPD

Middelfart:2010:UST
REFERENCES


[513] Xiang Lian and Lei Chen. A generic framework for handling uncertain data with local correlations. *Proceedings of
REFERENCES

the VLDB Endowment, 4(1):12–21, October 2010. CODEN ???? ISSN 2150-8097.


[523] Ermelinda Oro, Massimo Ruffolo, and Steffen Staab. SXPath: extending XPath towards spatial querying


REFERENCES


[534] Bolin Ding and Arnd Christian König. Fast set intersection in memory. *Pro-


Jahani:2011:AOM


Yang:2011:STG


Nguyen:2011:SPO


Floratou:2011:COS


Lomet:2011:IPC


Machanavajjhala:2011:PSR


Capannini:2011:EDW


DeFrancisciMorales:2011:SCM


Ao:2011:EPL


Zou:2011:GAS


Das:2011:ALE

[555] Sudipto Das, Shoji Nishimura, Divyakant Agrawal, and Amr El Ab-

Nutanong:2011:IHD


Blaustein:2011:SPP


Venetis:2011:RST


Neumann:2011:ECE


Jin:2011:DCR


Chi:2011:IIC


Eltabakh:2011:CFD


Idreos:2011:MWC


Wang:2011:PTR


Pandis:2011:PPL


[566]

Wang:2011:EMH


Wang:2011:ACE


Budak:2011:STA


Kimura:2011:CAP


Bernecker:2011:EPR


Kargar:2011:KSG


Fabbri:2011:EBA


Marcus:2011:HPS


Cormode:2011:VCS


Lin:2011:MOI

REFERENCES


REFERENCES

Ranu:2011:ATQ

Armburst:2011:PST

Zhao:2011:GQE

Ruttenberg:2011:IEM

Qumsiyeh:2011:GER

Fakas:2011:SOS

Fang:2011:RER

Li:2011:PJP

Hoobin:2011:RLZ

Zhang:2011:TCE
Roh:2011:BTI


Larson:2011:HPC


Ma:2011:CTG


Kumar:2011:PMO


Pawlik:2011:RRA


Amsterdamer:2011:PLP


Gao:2011:RAS


Barsky:2011:MFC

[603] Marina Barsky, Sangkyum Kim, Tim Weninger, and Jiawei Han. Mining flipping correlations from large datasets with taxonomies. *Proceedings of the VLDB Endowment*, 5(4):370–381, December 2011. CODEN ???? ISSN 2150-8097.

Konig:2011:SAT


Sun:2012:RSA

[605] Yizhou Sun, Charu C. Aggarwal, and Jiawei Han. Relation strength-aware clustering of heterogeneous information networks with incomplete attributes. *Proceedings of the VLDB Endowment*,


Giannikis:2012:SKO


Selke:2012:PBC


Zhao:2012:BAD


Upadhyaya:2012:HPS


Angel:2012:DSM


Elghandour:2012:RRR


Khoussainova:2012:PDM


Gullo:2012:UCB


Bahmani:2012:SM


Benedikt:2012:QSA

REFERENCES


Zhang:2012:OBA


Bailis:2012:PBS


Sun:2012:ESM


Yuan:2012:ESS


Wang:2012:TDM


Fan:2012:SST


Lappas:2012:SBT


Shirani-Mehr:2012:ERQ


Nguyen:2012:BMO


Bidoit-Tollu:2012:TBD


Sowell:2012:MSD

Yin:2012:CLT


Pimplikar:2012:ATQ


Goodrich:2012:EVW


Blunschi:2012:SGS


Terrovitis:2012:PPD


Kanagal:2012:SRS


Ahmad:2012:DHO


Agarwal:2012:RTD


Papapetrou:2012:SBQ


Vo:2012:LSL

[656] Hoang Tam Vo, Sheng Wang, Divyakant Agrawal, Gang Chen, and Beng Chin Ooi. LogBase: a scalable log-structured database system in the
REFERENCES


REFERENCES

Cao:2012:KAO


Cautis:2012:AQU


Jha:2012:PDM


Mamouras:2012:CSC


Zhang:2012:EMW


Lim:2012:STB


Bao:2012:LWV


Szlichta:2012:FOD


Bakibayev:2012:FQE


Cao:2012:OAW


Hueske:2012:OBB


[698] Xiaochun Yang, Honglei Liu, and Bin Wang. ALAE: accelerating local align-


REFERENCES


[718] Joseph M. Hellerstein, Christoper Ré, Florian Schoppmann, Daisy Zhe Wang, Eugene Fratkin, Aleksander Gorajek,
REFERENCES

Kee Siong Ng, Caleb Welton, Xixuan Feng, Kun Li, and Arun Kumar. The MADlib analytics library: or MAD skills, the SQL. Proceedings of the VLDB Endowment, 5(12):1700–1711, August 2012. CODEN ????. ISSN 2150-8097.


REFERENCES


Alexios Kotsifakos, Panagiotis Papapetrou, Jaakko Hollmén, Dimitrios

Kwon:2012:Sam


Abouzied:2012:Pqs


Alagiannis:2012:Naa


Wenzel:2012:CPQ


Bakibayev:2012:DFQ


Xu:2012:PRD


Letelier:2012:SSA


Koutris:2012:QDP


Luo:2012:DSD


[766] Pei Li, Christina Tziviskou, Haidong Wang, Xin Luna Dong, Xiaoguang Liu, Andrea Maurino, and Divesh Srivastava. Chronos: facilitating history discovery by linking temporal records. *Proceedings of the VLDB Endowment*,
REFERENCES


Dittrich:2012:EBD


Shim:2012:MAB


Getoor:2012:ERT


Schindler:2012:CND


Yizhou Sun, Jiawei Han, Xifeng Yan, and Philip S. Yu. Mining knowledge from interconnected data: a heterogeneous information network analysis approach. *Proceedings of the VLDB Endowment*, 5(12):2022–2023, August 2012. CODEN ???? ISSN 2150-8097.


Alexandros Labrinidis and H. V. Jagadish. Challenges and opportunities...


REFERENCES


REFERENCES

VLDB Endowment, 6(3):217–228, January 2013. CODEN ???? ISSN 2150-8097.


Tran:2013:SUD


Zhu:2013:IAA


Zheng:2013:ESB


Liu:2013:PST


Yuan:2013:TFC


Bajaj:2013:CSE


Liu:2013:HSM


Wu:2013:SEO


Gupta:2013:RTQ


Deng:2013:CQR


Dutta:2013:SQF


Thonangi:2013:PDR


Stoica:2013:IFW


Li:2013:EID


Zhang:2013:RUS


Yang:2013:TCI


Park:2013:QOC


Wang:2013:DAD


Bronzi:2013:EIP


Yuan:2013:YYP


Yuan:2013:MIG


Wang:2013:ERM

REFERENCES


Raman:2013:DBA


Ovsiannikov:2013:QFS


Bellamkonda:2013:ABD


Bellare:2013:WSM


Gattani:2013:EEL


Elmeleegy:2013:OTD


Curtiss:2013:USS


Ramazzina:2013:NSC

REFERENCES


REFERENCES


[897] Martin Kaufmann, Panagiotis Vagenas, Peter M. Fischer, Donald Kossmann, and Franz Färber. Comprehensive and interactive temporal query
processing with SAP HANA. *Proceedings of the VLDB Endowment*, 6(12):1210–1213, August 2013. CODEN ???? ISSN 2150-8097.

Grust:2013:FDT


Ebaid:2013:NGD


Bergamaschi:2013:QKS


Bogh:2013:GNA


Eldawy:2013:DSE


Abbasoglu:2013:APC


Chen:2013:RRO


Sarwat:2013:RAR


Drosou:2013:PTE

REFERENCES


REFERENCES


Abdelhaq:2013:EOL

Mousavi:2013:ITM

Farnan:2013:PPA

Bothe:2013:EPS

Yang:2013:MLP

Samet:2013:PMQ

Kumar:2013:HSH

Antenucci:2013:RGN

Jiang:2013:GMD

Xie:2013:IIP
References


Madaan:2013:DSM


Taxidou:2013:RAI


Bonomi:2013:MFP


Hoppe:2013:AOB


Dey:2013:STA


Ngo:2013:GUS


Kaufmann:2013:SPT


Kozak:2013:ESS


Sellam:2013:FCD


Simoes:2013:WSP


Chasseur:2013:DES


REFERENCES

153

Huang:2013:TKS


Cavalieri:2013:SCX


Zhang:2013:PQR


Schaler:2013:QBH


Li:2013:DLL


Popescu:2013:PTP


Zhao:2013:ERW


Mühlbauer:2013:ILM


Alexiou:2013:ARF


Chandramouli:2013:SPA

REFERENCES


Szlichta:2013:ECO

Pavan:2013:CST

Sowell:2013:EAI

Lee:2013:SQB

Seo:2013:DSD

Sarwat:2013:HDS

Sundaram:2013:SSS

DeBrabant:2013:ACN

Qardaji:2013:UHM

Li:2013:TSD
[997] Rui Li, Shengjie Wang, and Kevin Chen-Chuan Chang. Towards social data platform: automatic topic-focused

Jin:2013:SFS


Bakibayev:2013:AOF


Park:2013:PCS


Xie:2013:FIG


Wang:2013:EEK


Yu:2013:MSE


Gyssens:2013:ATS


Das:2013:CST


Chen:2013:ATK


Qi:2013:TDO

[1007] Zichao Qi, Yanghua Xiao, Bin Shao, and Haixun Wang. Toward a distance


REFERENCES


Tang:2013:EMD

Parameswaran:2013:SVD

Mahmoud:2014:MES

Li:2014:DWA

Greco:2014:CQA

Mottin:2014:EQG

Korula:2014:ERA

Chester:2014:CKR

Yu:2014:RTK

Viglas:2014:WLS

Anciaux:2014:FOD
[1038] N. Anciaux, L. Bouganim, T. Delot, S. Ilarri, L. Kloul, N. Mitton, and

Giannikis:2014:SWO


Elseidy:2014:SAO


Morton:2014:SDE


Deutch:2014:PFD


Chiang:2014:TED


Conway:2014:EAS


Ntarmos:2014:RJQ


Gupta:2014:BOS


Elseidy:2014:GFS


Wang:2014:LIO

[1048] Sheng Wang, David Maier, and Beng Chin Ooi. Lightweight indexing of observational data in log-structured


[Boehm:2014:HPS]


[Yang:2014:SSG]


[Salihoglu:2014:OGA]


[Wu:2014:TCF]


[Arenas:2014:PAB]


[Jiang:2014:SSJ]


[Proserpio:2014:CDS]


[1058] Wei Wang, Beng Chin Ooi, Xiaoyan Yang, Dongxiang Zhang, and Yueting

Song:2014:PNF


Yang:2014:FCO


Parameswaran:2014:OCP


Gruenheid:2014:IRL


Roy:2014:LLH


Wu:2014:PPT


Cao:2014:RRI


Liu:2014:SLE


Lin:2014:AFP


Zhang:2014:SMF

[1068] Chao Zhang, Jiawei Han, Lidan Shou, Jiajun Lu, and Thomas La Porta. Splitter: mining fine-grained sequential patterns in semantic trajectories. *Proceedings of the VLDB Endowment*, 7(9):769–780, May 2014. CODEN ????. ISSN 2150-8097.

Floratou:2014:TBW


REFERENCES


REFERENCES

Yun:2014:NNL


Song:2014:RVL


Altowim:2014:PAR


Wang:2014:CAQ


Maehara:2014:CPP


Serafini:2014:AES


Han:2014:ECP


Sarma:2014:CSJ


Vesdapunt:2014:CAE


Fan:2014:DGS


REFERENCES


REFERENCES


[1128] David Simmen, Karl Schnaitter, Jeff Davis, Yingjie He, Sangeet Lohariwala, Ajay Mysore, Vinayak Shenoi, Mingfeng Tan, and Yu Xiao. Large-scale graph analytics in Aster 6: bringing context to big data discovery. Proceedings of the VLDB Endowment, 7
Chen:2014:FFK

Yu:2014:BDS

Boykin:2014:SFI

Ahmed:2014:SBT

Vemuri:2014:EPS

Arauz:2014:CLT

Bruno:2014:AJS

Liu:2014:DSG

Yan:2014:EBS

Gankidi:2014:IHD
Vinitha Reddy Gankidi, Nikhil Teletia, Jignesh M. Patel, Alan Halverson, and David J. DeWitt. Indexing HDFS data


[1148] Fan Xia, Ye Li, Chengcheng Yu, Haixin Ma, and Weining Qian. BSMA: a


[1158] Fei Wu, Tobias Kin Hou Lei, Zhenhui Li, and Jiawei Han. MoveMine 2.0:
REFERENCES


REFERENCES


REFERENCES

Zhang:2014:XLC


Jayachandran:2014:CUI


Su:2014:SSM


Jugel:2014:FVA


Khan:2014:SBG


Gal:2014:UER


Suchanek:2014:KBA


Meliou:2014:CED


Li:2014:ESB


Li:2014:VPD


Venkataraman:2014:DCG

REFERENCES

Plattner:2014:ICM


Markl:2014:BCD


Neumann:2014:EHP


Cao:2014:RLC


Qin:2014:FCS


Zhang:2014:DIR


Dai:2014:PRS


Ling:2014:GIH


Zou:2014:MTD


Wu:2014:YPC

REFERENCES

Klonatos:2014:EBE


Lu:2014:SMM


Lu:2014:SSG


Yang:2014:FPK


Yan:2014:PAG


Shang:2014:AAG


Furche:2014:DTW


Wu:2014:UAQ


Konstantinidis:2014:OCS


Athanassoulis:2014:BTA


Sidlauskas:2014:SJM


Wang:2014:SES


Li:2014:PMK


Mozafari:2014:SCS


Bu:2014:PBG


Bailis:2014:CAD


Zeng:2014:QSI


Yu:2014:SAE

Xiangyao Yu, George Bezerra, Andrew Pavlo, Srinivas Devadas, and Michael
REFERENCES


He:2014:CQC


Fujiwara:2014:SMR


Barber:2014:MEH


Alexe:2014:PAI


Zhou:2014:MSD


Huang:2014:NAL


Chandramouli:2014:THP


Song:2014:EPM


Li:2014:CAA

[1257] Qi Li, Yaliang Li, Jing Gao, Lu Su, Bo Zhao, Murat Demirbas, Wei Fan, and Jiawei Han. A confidence-aware approach for truth discovery on long-tail data. *Proceedings of the VLDB Endowment*, 8(4):425–436, December 2014. CODEN ????. ISSN 2150-8097.

Shen:2014:FFR

REFERENCES


[1268] Kun Li, Daisy Zhe Wang, Alin Dobra, and Christopher Dudley. UDA-GIST: an in-database framework to unify
REFERENCES

183

data-parallel and state-parallel analyt-
ics. Proceedings of the VLDB Endow-
ment, 8(5):557–568, January 2015. CO-
DEN ????. ISSN 2150-8097.

[1269] Weiren Yu and Julie A. McCann. Effi-
cient partial-pairs SimRank search on
large networks. Proceedings of the VLDB Endow-
ment, 8(5):569–580, January 2015. CODEN ????. ISSN 2150-
8097.

[1270] Wolfgang Gatterbauer, Stephan G¨unnemann,
Danai Koutra, and Christos Faloutsos.
Linearized and single-pass belief prop-
agation. Proceedings of the VLDB Endow-
ment, 8(5):581–592, January 2015. CODEN ????. ISSN 2150-
8097.

Mining revenue-maximizing bundling
configuration. Proceedings of the VLDB Endow-
ment, 8(5):593–604, January 2015. CODEN ????. ISSN 2150-
8097.

[1272] Shiyu Yang, Muhammad Aamir
Cheema, Xuemin Lin, and Wei Wang.
Reverse k nearest neighbors query pro-
cessing: experiments and analysis. Pro-
cedings of the VLDB Endowment, 8
(5):605–616, January 2015. CODEN ????. ISSN 2150-
8097.

[1273] Xuguang Ren and Junhu Wang.
Exploiting vertex relationships in speed-
ing up subgraph isomorphism over
large graphs. Proceedings of the
VLDB Endowment, 8(5):617–628, January 2015. CODEN ????. ISSN 2150-
8097.

[1274] Wolfgang Gatterbauer and Dan Su-
ciu. Approximate lifted inference with
probabilistic databases. Proceedings of
the VLDB Endowment, 8(5):629–640,
January 2015. CODEN ????. ISSN 2150-
8097.

[1275] Norases Vesdapunt, Kedar Bellare, and
Nilesh Dalvi. Errata for “Crowdsourc-
ing algorithms for entity resolution”:
(PVLDB 7(12): 1071–1082). Proceed-
ings of the VLDB Endowment, 8(5):
641, January 2015. CODEN ????. ISSN 2150-
8097.

[1276] Saurabh Jha, Bingsheng He, Mian
Lu, Xuntao Cheng, and Huynh Phung
Huynh. Improving main memory hash
joins on Intel Xeon Phi processors: an
experimental approach. Proceedings of
the VLDB Endowment, 8(6):642–653,
February 2015. CODEN ????. ISSN 2150-
8097.

[1277] Mohammad Hammoud, Dania Abed
Rabibou, Reza Nouri, Seyed-Mehdi-
Reza Beheshi, and Sherif Sakr.
DREAM: distributed RDF engine with
adaptive query planner and minimal
communication. Proceedings of
the VLDB Endowment, 8(6):654–665,
February 2015. CODEN ????. ISSN 2150-
8097.

[1278] Shuo Chen, Ju Fan, Guoliang Li, Jian-
hua Feng, Kian lee Tan, and Jin-
REFERENCES

184


[1288] Shimin Chen and Qin Jin. Persistent B+-trees in non-volatile main memory.
REFERENCES


Wu:2015:RLC


Fan:2015:UCC


Aslay:2015:VMM


Chu:2015:ASD


Shao:2015:ESS


Ahmad:2015:CMD


Guerraoui:2015:DPD


Mitliagkas:2015:FFP


Vattani:2015:OPC


Potti:2015:DNP

Anciaux:2015:SSE

Wang:2015:SMD

Schuhknecht:2015:SDS

Dong:2015:KBT

Han:2015:GUB

Bogh:2015:WEP

Lai:2015:SSE

Finis:2015:GGM

Wang:2015:CDS

Kazemi:2015:GGM
REFERENCES

Cheng:2015:RDB

Zhou:2015:LHF

Ding:2015:TFE

Leis:2015:EPW

Li:2015:RTT

Papenbrock:2015:FDD

Kalinin:2015:SEI

Rahman:2015:PID

Kohler:2015:PCS

Tang:2015:SSJ
REFERENCES


[1328] Lilong Jiang and Arnab Nandi. SnapToQuery: providing interactive feed-

Zhou:2015:GFI


Inoue:2015:SCF


Song:2015:EDI


Makreshanski:2015:LSE


Shin:2015:IKB


Qian:2015:LUP


Liu:2015:AEL


Bhattacherjee:2015:PDV


He:2015:SJJ


Krishnan:2015:SVC

[1338] Sanjay Krishnan, Jiannan Wang, Michael J. Franklin, Ken Goldberg,

Nagarkar:2015:CSH


Deutch:2015:SPD


Park:2015:PPS


Zhang:2015:BVS


Amsterdamer:2015:NLI


Psaroudakis:2015:SCM


Oh:2015:SOP


Crotty:2015:ACU


Margo:2015:SDG


Sharov:2015:TMY

me to your leader!: online optimization of distributed storage configurations. *Proceedings of the VLDB Endowment*, 8(12):1490–1501, August 2015. CODEN ????. ISSN 2150-8097.

<table>
<thead>
<tr>
<th>Fan:2015:ARG</th>
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<th>Kimmett:2015:FJM</th>
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<th>Fan:2015:KG</th>
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</table>
Manabe:2015:ELH


Naidan:2015:PSM


Mukherjee:2015:DAO


Haas:2015:AMC


Wang:2015:BRL


Loro:2015:ISH


Shukla:2015:SAI


Boutin:2015:JRI


Hu:2015:DPT

[1367] Xueyang Hu, Mingxuan Yuan, Jianguo Yao, Yu Deng, Lei Chen, Qi Yang,
REFERENCES


[1371] Per-Åke Larson, Adrian Birka, Eric N. Hanson, Wei yun Huang, Michal Nowakiewicz, and Vassilis Papadimos. Real-time analytical processing with SQL server. Proceedings of the VLDB Endowment, 8(12):1740–1751, August 2015. CODEN ???? ISSN 2150-8097.


[1376] Tyler Akidau, Robert Bradshaw, Craig Chambers, Slava Chernyak, Rafael J. Fernández-Moctezuma, Reuven Lax, Sam McVeety, Daniel Mills, Frances
REFERENCES


Ching:2015:OTE


Pelkonen:2015:GFS


Potharaju:2015:CLC


Armbrust:2015:SSR


Sahli:2015:SLS


Harbi:2015:ESQ


Kou:2015:TBR


Liroz-Gistau:2015:FHE


Papenbrock:2015:DPM

[1385] Thorsten Papenbrock, Tanja Bergmann, Moritz Finke, Jakob Zwiener, and Felix Naumann. Data profiling with
REFERENCES

Kumar:2015:DSO


Seah:2015:PCP


Muller:2015:PST


He:2015:SSQ

Zhian He, Wai Kit Wong, Ben Kao, David Wai Lok Cheung, Rongbin Li, Siu Ming Yiu, and Eric Lo. SDB: a secure query processing system with data interoperability. *Proceedings of the VLDB Endowment*, 8(12):1876–1879, August 2015. CODEN ???? ISSN 2150-8097.

Abdelaziz:2015:SVC


Chen:2015:IDG


Bursztyn:2015:RBQ


Bux:2015:SSS


Eldawy:2015:DHE


Bergman:2015:QQO

Moria Bergman, Tova Milo, Slava Novgorodov, and Wang-Chiew Tan.


REFERENCES


[1424] Yodsawalai Chodpathumwan, Amirhossein Aleyasen, Arash Termehchy, and

**Mahmood:2015:TDS**


**Crotty:2015:VIA**


**Consens:2015:SCE**


**Xirogiannopoulos:2015:GEI**


**Yoon:2015:DPF**


**Kejariwal:2015:RTA**


**Khan:2015:UGM**


**Dong:2015:TMI**


**Das:2015:SAS**

REFERENCES

[1434] Jing Gao, Qi Li, Bo Zhao, Wei Fan, and Jiawei Han. Truth discovery and crowdsourcing aggregation: a unified perspective. *Proceedings of the VLDB Endowment*, 8(12):2048–2049, August 2015. CODEN ????. ISSN 2150-8097.


REFERENCES


Wissam Khaouid, Marina Barsky, Venkatesh Srinivasan, and Alex Thomo. K-core decomposition of large


[1463] Taesung Lee, Jin woo Park, Sanghoon Lee, Seung-Won Hwang, Sameh Elnikety, and Yuxiong He. Processing and optimizing main memory

Park:2015:NSH


Huang:2015:CMB


Kaul:2015:NLU


Freire:2015:CRR


Huang:2015:SAD


Leis:2015:HGQ


Interlandi:2015:TDP


Rodiger:2015:HSQ


Zong:2015:BQD


Kocberber:2015:AMA

REFERENCES


REFERENCES


REFERENCES


Maddox:2016:DRD


Mann:2016:EES


Trummer:2016:MQO


Trummer:2016:PQO


Kalavri:2016:SPA


Papadakis:2016:CAA


Zhao:2016:EED


Song:2016:CTT


Tan:2016:TRS


Daenen:2016:PEM

Chen:2016:WCE

Eich:2016:FPG

Schuhknecht:2016:RIR

Marcus:2016:WLB

DeFrancisciMorales:2016:SSS

Schatzle:2016:SRQ

Singh:2016:BSS

Deng:2016:MEM

Zheng:2016:SSS

Dubey:2016:WHP


REFERENCES


REFERENCES


Mishra:2016:AAD


Bhadange:2016:GSL


Li:2016:VVT


Bagan:2016:GFW


Zhou:2016:AQP


Milo:2016:RIR


Maccioni:2016:GDB


Sellam:2016:ZCQ


Sellam:2016:BMN


Dennis Butterstein and Torsten Grust. Precision performance surgery for CostgreSQL: LLVM-based expression

Yahya:2016:EQE


Panev:2016:EDR


Bespinyowong:2016:EER


Diaz:2016:SQR


Deutch:2016:NNL


Chandra:2016:PMA


Zhao:2016:TPM


Feng:2016:SRS


Vitorovic:2016:SSR


Khurana:2016:GBE


Liu:2016:RDF


Tang:2016:LDM


Shanbhag:2016:ASC


Olteanu:2016:FRM


Rodriguez:2016:SMP


Konda:2016:MTBb


Alkowaileet:2016:LSC


Picado:2016:SIS


Kannapalli:2016:AWA


Walenz:2016:PAD


Li:2016:HBG


Zeuch:2016:NIP


Zhang:2016:DSS


Wang:2016:FAI


Upadhyaya:2016:POQ


Pirk:2016:VVA


Jiang:2016:CQP


Wu:2016:RWY


George:2016:MIL


Psaroudakis:2016:ANA

[1631] Iraklis Psaroudakis, Tobias Scheuer, Norman May, Abdelkader Sellami, and


Alessandro Lulli, Matteo Dell’Amico, Pietro Michiardi, and Laura Ricci. NG-
REFERENCES

221


Neamtu:2016:ITS


Li:2016:CLI


Chirigati:2016:KEU


Wang:2016:HEI


Lai:2016:SDS


Fujiwara:2016:FAL


Zhai:2016:RTS


Chen:2016:GFE


Lin:2016:FMS


Li:2016:SDA

[1651] Zheng Li and Tingjian Ge. Stochastic data acquisition for answering queries as time goes by. Proceedings of
REFERENCES

the VLDB Endowment, 10(3):277–288, November 2016. CODEN ???? ISSN 2150-8097.

Dai:2016:FPI


Xu:2016:BSD


Fan:2016:GPP


Shao:2016:VTE


Arulraj:2016:WBL


Papadopoulos:2016:TAD


Zheng:2016:DDA


Wang:2016:LHC


Yu:2016:TBO


Li:2016:HMF


<table>
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<th>Reference</th>
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<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>CODEN</th>
<th>ISSN</th>
</tr>
</thead>
</table>
REFERENCES

Zhang:2017:OEA

Khan:2017:DTI

Bater:2017:SSQ

Zamanian:2017:EMD

Zhu:2017:NIG

Fang:2017:ECS

Szlichta:2017:ECD

Karnagel:2017:AWP

Yang:2017:LFE

Gupta:2017:LSM
REFERENCES

March 2017. CODEN ???? ISSN 2150-8097.


[1731] Parmita Mehta, Sven Dorkenwald, Dongfang Zhao, Tomer Kaftan, Alvin Cheung, Magdalena Balazinska, Ariel Rokem, Andrew Connolly, Jacob Vanderplas, and Yusra AlSayyad. Comparative evaluation of big-data systems


REFERENCES


Shamsuddin:2017:DLD


Ziauddin:2017:DBD


Noghabi:2017:SSS


Falk:2017:QAK


Nica:2017:SDS


Gessert:2017:QQW


Gasiunas:2017:FBA


Bose:2017:PDF


Lee:2017:EBG

[1771] Jinho Lee, Heesu Kim, Sungjoo Yoo, Kiyoungh Choi, H. Peter Hofstee, Gi-Joon Nam, Mark R. Nutter, and Damir
REFERENCES


Carbone:2017:SMA


Zheng:2017:PHA


Antonopoulos:2017:ROI


Andrei:2017:SHA


Zhang:2017:CIS


Bonetta:2017:FJF


Aggour:2017:CCL


Yeh:2017:MPI


Chakkappen:2017:ASO

Sunil Chakkappen, Suratna Budalakoti, Ramarajan Krishnamachari, Satyanarayana R. Valluri, Alan Wood,
REFERENCES


[1782] Erkang Zhu, Ken Q. Pu, Fatemeh Nar-


[1785] Christopher R. Aberger, Andrew Lamb, Kunle Olukotun, and Christo-
pher Ré. Mind the gap: bridging multidomain query workloads with Empt-

[1786] Antonio Maccioni and Riccardo Tor-
lone. Crossing the finish line faster when paddling the data lake with KAYAK. *Proceedings of the VLDB Endowment*, 10(12):1853–1856, August 2017. CODEN ????. ISSN 2150-8097.

[1787] Xing Niu, Bahareh Sadat Arab, Seokki Lee, Su Feng, Xun Zou, Dieter Gawlick, Vasudha Krishnaswamy, Zhen Hua Liu, and Boris Glavic. Debugging trans-


REFERENCES


[1809] Naeemul Hassan, Gensheng Zhang, Fatma Arslan, Josue Caraballo,

Deep:2017:QDR


Khan:2017:DDT


Salimi:2017:ZCI


Alarabi:2017:DSH


Bharadwaj:2017:CIL


Jonathan:2017:DSC


Moll:2017:EBV


Mottin:2017:NTE

Khan:2017:SSD

Mouratidis:2017:GAT

Tong:2017:SCC

Eldawy:2017:EBS

Giatrakos:2017:CER

Mohan:2017:TBD

Zakhary:2017:CWS

Li:2017:HLD

Lehner:2017:DCU

Milo:2017:SMM

Lv:2017:IPL

Qin:2017:SRB
240

REFERENCES


[1839] Wenbo Tao, Dong Deng, and Michael Stonebraker. Approximate string joins with abbreviations. Proceedings of

Nguyen:2017:QDF


Poppe:2017:GGB


Guo:2017:PPP


Sha:2017:ADG


Appuswamy:2017:AIS


Jung:2017:SDL


Bonifati:2017:ASL


Wang:2017:ACT

[1847] Pinghui Wang, Yiyan Qi, Yu Sun, Xiangliang Zhang, Jing Tao, and Xiaohong Guan. Approximately counting triangles in large graph streams including edge duplicates with a fixed memory usage. Proceedings of the VLDB Endowment, 11(2):162–175, October 2017. CODEN ???? ISSN 2150-8097.

Qiao:2017:SMC


Singh:2017:SEM

[1849] Rohit Singh, Venkata Vamsikrishna Meduri, Ahmed Elmargnrid, Samuel Madden, Paolo Papotti, Jorge-Armulfo Quián-Ruiz, Armando Solar-Lezama,


[1859] Tahir Azim, Manos Karpathiotakis, and Anastasia Ailamaki. ReCache: reactive caching for fast analytics over


Ceccarello:2017:CUG


Abdelaziz:2017:LSQ


Harmouch:2017:CEE


Park:2017:SSL


Johnson:2018:TPD


Shraer:2018:CSS


Arulraj:2018:BHP


Huang:2018:FFP


Yaghmazadeh:2018:AMH

Navid Yaghmazadeh, Xinyu Wang, and Isil Dillig. Automated migration of hierarchical data to relational tables using programming-by-example. Proceedings of the VLDB Endowment, 11(5):


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>ISBN</th>
</tr>
</thead>
</table>


[1916] Colin Lockard, Xin Luna Dong, Arash Einolghozati, and Prashant Shiralkar. CERES: distantly supervised relation extraction from the semi-structured
249

REFERENCES


[Nazi:2018:EEI]


[Fier:2018:SSJ]


[Ding:2018:PSH]


[Wang:2018:FES]


[Ammar:2018:EAD]


[He:2018:TDE]


[OKeeffe:2018:FRE]


[Haynes:2018:LDV]


[McKenna:2018:OEH]


REFERENCES


Yang:2018:CED


Huang:2018:OAL


Bleifuss:2018:ECN


Ghosh:2018:FSS


Subotic:2018:AIS


Ding:2018:IOC


REFERENCES

November 2018. CODEN ???? ISSN 2150-8097.

Gill:2018:SPP


Kumar:2018:UDG


Kara:2018:CCS


Li:2018:CED


Dolatshah:2018:CCL


Lissandrini:2018:BMM


Balegas:2018:IIP


Abuzaid:2018:DRI


Basat:2018:SF1


Xin:2018:HHO

[1973] Doris Xin, Stephen Macke, Litian Ma, Jialin Liu, Shuchen Song, and Aditya
References


Fu:2019:FAN


Wang:2019:DRF


Zhang:2019:CCS


Lang:2019:POF


Zeuch:2019:AES


Luo:2019:EDI


Chrysogelos:2019:HEH


Atzeni:2019:MMS


Xu:2019:EEG


Guo:2019:AOC


Ke:2019:DCR


Fan:2019:DSP


Li:2019:TTR


Avdiukhin:2019:MDB


Cao:2019:EDS


Bogatov:2019:CEO


Orakzai:2019:HFM


Sun:2019:BAD


Ruan:2019:FGS


Choi:2019:PTK

[2012] Dalsu Choi, Chang-Sup Park, and Yon Dohn Chung. Progressive top-


[2021] Shi Qiao, Adrian Nicoara, Jin Sun, Marc Friedman, Hiren Patel, and Jaliya Ekanayake. Hyper dimension

Cormode:2019:ARQ


Wang:2019:VPB


Cao:2019:BVS


Tangwongsan:2019:OGO


Tang:2019:CTR


Ma:2019:OBE


Chen:2019:RTD


Tan:2019:IIB


Whittaker:2019:OTI


Wang:2019:QSP

[2031] Yong Wang, Guoliang Li, and Nan Tang. Querying shortest paths on time


Koliousis:2019:CSD


Feng:2019:FAA


Tang:2019:IQP


Budiu:2019:HTC


Wei:2019:EFD


Fan:2019:OVG


Wang:2019:INF


Karyakin:2019:DMP


Yan:2019:GAS


Hai:2019:RPT


Nathan:2019:BMD


Kunft:2019:IRO


Fang:2019:ARD


Siddique:2019:CST


El-Hindi:2019:BSD


Jia:2019:ETS


Saxena:2019:DID


Zamanian:2019:RDH


Bressan:2019:MFM


Poddar:2019:AED


Gao:2019:EKG

[2062] Junyang Gao, Xian Li, Yifan Ethan Xu, Bunyamin Sisman, Xin Luna
REFERENCES


Mhedhbi:2019:OSQ


Marcus:2019:NLQ


Fang:2019:EAD


Marcus:2019:PSD


Ren:2019:SSL


Paparrizos:2019:GET


Damasio:2019:GGA


Tian:2019:SGS


Ding:2019:CDC


Zhang:2019:IIT

Yipeng Zhang, Zhifeng Bao, Songsong Mo, Yuchen Li, and Yanghao Zhou.
REFERENCES


[2082] Ryan Marcus, Chi Zhang, Shuai Yu, Geoffrey Kao, and Olga Papaemmanouil. NashDB: fragmentation,

Sabek:2019:FAS


Kuhring:2019:CBO


Choi:2019:VVI


Goldberg:2019:WSF


Roy:2019:SHC


Sandha:2019:DDM


Li:2019:SLS


Xu:2019:DMD


Cao:2019:PPS


REFERENCES


Frey:2019:DHB


Singla:2019:RLS


Rezig:2019:DCH


Spiegelberg:2019:TRE


Renggli:2019:EMC


Han:2019:PRV


Lu:2019:SYA


Meng:2019:TAC


Amer-Yahia:2019:EEO


Sabek:2019:MLM


Zhan:2019:ART


Schultz:2019:TCM


Cao:2019:TOR


Zhu:2019:ACG


Chen:2019:CSF


Li:2019:QQA


Kandula:2019:EAQ


Antonopoulos:2019:CTR


Huang:2019:YGD


Tan:2019:CCD

[2138] Junjay Tan, Thanaa Ghanem, Matthew Perron, Xiangyao Yu, Michael Stone-

Zhang:2019:SSM


Masson:2019:DFF


Long:2019:DSL


Dursun:2019:MDQ


Cao:2019:SSS


Green:2019:UGD


Kamsky:2019:ATC


Li:2019:CND


Boehm:2019:MME

hubail:2019:can


coleyer:2019:ps


abouzied:2019:ils


cooper:2019:psl


tan:2019:wpd


parameswaran:2019:eds


rekatsinas:2019:odm


barthels:2019:sch


wei:2019:dre


chu:2019:odb

[2157] Lingyang Chu, Yanyan Zhang, Yu Yang, Lanjun Wang, and Jian Pei. Online density bursting subgraph detection from temporal graphs. *Proceedings of


Cai:2019:MSS


Herlihy:2019:CCD


Zois:2019:EMM


Bottcher:2019:SGC


Yang:2019:FDD


Ma:2019:LMC


Eskandarian:2019:OOQ


Ge:2019:SMP


Wang:2019:VFM


Sun:2019:SES

[2177] Yihan Sun, Guy E. Blelloch, Wan Shen Lim, and Andrew Pavlo. On supporting efficient snapshot isolation for

Fang:2019:IMV


Shetiya:2019:UOA


Kandula:2019:PDI


Pena:2019:DAE


Yang:2019:DUC


Ding:2019:FGI


Sun:2019:EEL


Zeng:2019:LMD


Kepe:2019:DPM


Leeka:2019:ISO

REFERENCES

Li:2019:EPM


Zhu:2019:HNL


Walenz:2019:LSC


Echihabi:2019:RLH


Zhou:2019:DDI


Karimov:2019:AAH


Luo:2019:PSL


Peng:2019:TBT


Zhang:2019:PDS


Lakhotia:2019:PTS


Elias Stehle and Hans-Arno Jacobsen. ParPaRaw: massively paral-

Huang:2020:OOC


Zheng:2020:PLF


Sun:2020:HMB


Yang:2020:HNE


Qahtan:2020:PFD


Whang:2020:MMV


Koumarelas:2020:MDD

REFERENCES

[2214] Tran:2020:PVU


[2216] Schiavio:2020:DSO


[2219] Boer:2020:PIA


[2221] Huang:2020:EER

REFERENCES

281


REFERENCES


**Shastri:2020:UBI**


**Liu:2020:LOP**


**Lersch:2020:ELT**


**Lin:2020:PAA**


**Gera:2020:TLG**


**Ping:2020:SHQ**


**Lu:2020:DSH**


**Ferragina:2020:PIF**


REFERENCES


Prateek:2020:MTK


Buchnik:2020:FHT


Wang:2020:PEF


Pedersen:2020:ASR


Zhang:2020:UED


Tziavelis:2020:OAR


Dhulipala:2020:SPS


Zhu:2020:PIN

REFERENCES


[2294] Qijian He, Wei Yang, Bingren Chen, Yangyang Geng, and Liusheng Huang. TransNet: training privacy-preserving

Fan:2020:CAG


Renz-Wieland:2020:DPA


Freitag:2020:AWC


McKenna:2020:WAM


Wang:2020:SSP


Fernandez:2020:DMP


Mahdavi:2020:BEE


Fan:2020:RDS

[2302] Ju Fan, Junyou Chen, Tongyu Liu, Yuwei Shen, Guoliang Li, and Xiaoy-


Koide:2020:FSS


Liu:2020:SAG


Dutt:2020:EAS


Lin:2020:IID


Li:2020:CMA


Lee:2020:HMC


Birnick:2020:HSE


Chen:2020:SDS

Mohammed:2020:CPI


Wang:2020:GRES


Sun:2020:BSE


Qi:2020:ELS


Liu:2020:SLB


Jin:2020:ATL


Kossmann:2020:MMM


Damme:2020:MAQ

Parchas:2020:FED


Pappachan:2020:SMA


Sreekanti:2020:CSF


Suprem:2020:OAD


Piao:2020:MRA


Chen:2020:FTA


Zhang:2020:DSC


Karagiannis:2020:SMI


[2358] Jaydeep Sen, Chuan Lei, Abdul Quamar, Fatma Özcan, Vasilis Efthymiou,


REFERENCES


Abebe:2020:MAP


Behnezhad:2020:PGA


Wang:2020:DLP


Marcus:2020:BLI


Wang:2020:TGC


Heo:2020:IGD


Yang:2020:SAN


References


REFERENCES


Liu:2020:MMT


Palyvos-Giannas:2020:ASF


Wang:2020:DDF


Didona:2020:TBU


Deep:2020:CEW


Yang:2020:AMD


Lakhotia:2020:RRC


He:2020:CCO


REFERENCES


Lu:2020:AEC


Mo:2020:TEW


Guo:2020:SMM


Kokoris-Kogias:2020:CPD


Deeds:2020:SFL


Banerjee:2020:MSW


Gugnani:2020:UIR


Gale:2020:EMR


Dhulipala:2020:CFS

[2420] Laxman Dhulipala, Changwan Hong, and Julian Shun. ConnectIt: a


Liu:2021:DEE


Rahman:2021:NIS


Yang:2021:EBT


Tata:2021:GSE


Gao:2021:IGL


Sun:2021:BEN


Thorne:2021:NLP


Wang:2021:RER


REFERENCES


[2467] Fuheng Zhao, Sujaya Maiyya, Ryan Wiener, Divyakant Agrawal, and Amr El Abbadi. KLL\(\pm\) approximate quantile sketches over dynamic datasets. Proceedings of the VLDB Endowment,


Wang:2021:AAG


Liu:2021:LAD


Benson:2021:VEH


Zeighami:2021:ESC


Herodotou:2021:TTS


Cong:2021:CCE


Zhou:2021:ALS


Leis:2021:TCO


Gong:2021:AIG

[2499] Shufeng Gong, Chao Tian, Qiang Yin, Wenyuan Yu, Yanfeng Zhang,


[2515] Rudi Poepsel-Lemaître, Martin Kiefer, Joscha von Hein, Jorge-Arnulfo Quiané-Ruiz, and Volker Markl. In the land of data streams where synopses are missing, one framework to bring them all. *Proceedings of the VLDB Endowment*, 14(10):1818–1831, June
Li:2021:DAI


Chen:2021:EAR


Ciaccia:2021:PQT


Yan:2021:RDL


Ge:2021:KCA


Zhang:2021:TCE


Peeters:2021:DOF


Besta:2021:GEH

Maciej Besta, Zur Vonarburg-Shmaria, Yannick Schaffner, Leonardo Schwarz, Grzegorz Kwasniewski, Lukas Gianinazzi, Jakub Beranek, Kacper Janda, Tobias Holenstein, Sebastian Leisinger, Peter Tatkowski, Esref Ozdemir,


REFERENCES


Ertl:2021:SFG


Bao:2021:CEM


Leo:2021:ETA


Musleh:2021:QMB


Cunningham:2021:RWT


Sinthong:2021:PRQ


Shi:2021:SCD


Xu:2021:SSB

REFERENCES


REFERENCES

Durner:2021:CUC


Cetorelli:2021:SEP


Thirumuruganathan:2021:DLB


Zhang:2021:GID


Bandle:2021:DTM


Gupta:2021:CSL


Zhu:2021:PLB


Nargesian:2021:TDS

Bansal:2021:MVI

Rezig:2021:HSD

Shaowang:2021:DDS

Yang:2021:APS

Lockhart:2021:EIQ

Liu:2021:DBF

Tziavelis:2021:BEJ

Jacob:2021:EBE
Kuchnik:2021:PCR


Alsaudi:2021:TFQ


Chan:2021:KEN


Zhang:2021:RRI


Uotila:2021:MMM


Wang:2021:CCQ


Mao:2021:DDF


Helal:2021:DKD

REFERENCES


Zhou:2021:DSD


Lin:2021:DDE


Mu:2021:AAC


Cao:2021:AMD


Xie:2021:DMS


Muller:2021:PPO


Ge:2021:DAD


Karatzoglidi:2021:AEC

[2610] Mary Karatzoglidi, Paraskevas Kerasiotis, and Verena Kantere. Automated energy consumption forecast-

Jang:2021:RWG


Ghosh:2021:IDS


Lin:2021:CET


Wang:2021:DGE


Castelo:2021:ADS


Rehman:2021:DRS


Chen:2021:SSC


Anastasiou:2021:EEP

[2618] Chrysovalantis Anastasiou, Constantinos Costa, Panos K. Chrysanthis, and
REFERENCES


REFERENCES

Boniol:2021:SAS

Koutras:2021:VAM

Guan:2021:GDE

Fan:2021:GUE

Shang:2021:DSI

Qin:2021:MEU

Justo:2021:TPF


REFERENCES


Echihabi:2021:NTH


Zalipynis:2021:ADP


Li:2021:MLD


Neumann:2021:ECQ


Pavlo:2021:MYD

[269] Andrew Pavlo, Matthew Butrovich, Lin Ma, Prashanth Menon, Wan Shen Lim, Dana Van Aken, and William Zhang. Make your database system

Jindal:2021:MLC


Kargar:2021:ELN


[269] Andrew Pavlo, Matthew Butrovich, Lin Ma, Prashanth Menon, Wan Shen Lim, Dana Van Aken, and William Zhang. Make your database system
338

REFERENCES


Wang:2021:UUD


Feldmann:2021:ITA


Koutra:2021:PSG


Shah:2021:SPL


Vanschoren:2021:TSO


Vartak:2021:MMI


Zaharia:2021:DPF


Zhao:2021:ASA


Yu:2021:WTD


REFERENCES


[2717] Pengfei Li, Yu Hua, Jingnan Jia, and Pengfei Zuo. FINEdex: a fine-grained learned index scheme for scalable and concurrent memory systems. Proceedings of the VLDB
Bai:2021:TTA


Zhu:2021:AIC


Theodorakis:2021:SSN


Konstantinidis:2021:EPC


Liu:2021:ESB


Vaidya:2021:LQL


Lu:2021:PTS


Rao:2021:XE fiat


Chapnik:2021:DDA


Zhuo:2021:RMO


Ma:2021:MTE


Shi:2021:TPE


Lu:2021:AHP


Campos:2021:UTS


Miao:2021:EED


Kochsiek:2021:PTK

Adrian Kochsiek and Rainer Gemulla. Parallel training of knowledge graph embedding models: a comparison of


[2756] Junxu Liu, Jian Lou, Li Xiong, Jinfeng Liu, and Xiaofeng Meng. Projected federated averaging with heterogeneous differential privacy. *Proceedings of the
REFERENCES


Yue Wang, Vivek Narasayya, Yeye He, and Surajit Chaudhuri. PACk: an efficient partition-based distributed agglomerative hierarchical clustering algorithm for deduplication. *Proceed-
Chang:2022:NOA


Tong:2022:HFE


Fuchs:2022:SUT


Zheng:2022:BEG


Jiang:2022:QDG


Zheng:2022:BEG


Zhao:2022:SPO
REFERENCES


Li:2022:HTT


Minartz:2022:MCD


Poppe:2022:MPA


Cheng:2022:PRP


Manne:2022:CMR


Even:2022:PFP


Yamada:2022:SDS


REFERENCES

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Chao:2022:ITC


Chai:2022:SDA


Fan:2022:DAR


Han:2022:DEE


Simonini:2022:ERD


Alhazmi:2022:FBC


Chen:2022:ASB


Liao:2022:DDC

Chen:2022:EMB


Zhou:2022:TGF


Yuan:2022:DLF


Burckhardt:2022:NEE


Huynh:2022:ERT


Li:2022:EDB


Vaidya:2022:SLE


Chen:2022:DEI

[2820] Xin Chen, You Peng, Sibo Wang, and Jeffrey Xu Yu. DLCR: ef-
Zhao:2022:QTT

Lee:2022:ICI

Esmailoghli:2022:MMA

Paparrizos:2022:TUE

Leone:2022:CRE

Paganelli:2022:AHB

Arun:2022:SBF

Li:2022:EEB
[2828] Huan Li, Lanjing Yi, Bo Tang, Hua Lu, and Christian S. Jensen. Efficient and error-bounded spatiotemporal quantile monitoring in edge computing...

Kato:2022:HDP


Schmidl:2022:ADT


Youngmann:2022:GED


Zhang:2022:FDT

Xinyi Zhang, Zhuo Chang, Yang Li, Hong Wu, Jian Tan, Feifei Li, and Bin Cui. Facilitating database tuning with hyper-parameter optimization: a comprehensive experimen-
REFERENCES

dl.acm.org/doi/10.14778/3538598.3538608.

Liang:2022:DCH


Wang:2022:TDB


Gagliardelli:2022:GSM


An:2022:YRO


Bhattacharya:2022:NWO


Peng:2022:SEA


Bucchi:2022:CCE


Cheng:2022:TEE

[2844] Audrey Cheng, Xiao Shi, Aaron Kabcenell, Shilpa Lawande, Hamza Qadeer, Jason Chan, Harrison Tin, Ryan Zhao, Peter Bailis, Mahesh Balakrishnan, Nathan Bronson, Natacha Crooks, and Ion Stoica. TAOBench: an end-to-end benchmark for social network workloads. Proceedings of the
Kakaraparthy:2022:VHA


Vincon:2022:NDP


Echihabi:2022:HAD


Siddiqui:2022:DLO


Yang:2022:OML


Su:2022:BSD


Huang:2022:FEU

REFERENCES

Ali:2022:OIS


Alkowaileet:2022:CFS


Qiu:2022:ESP


Fu:2022:TCE


Zhu:2022:DED


Kim:2022:AAB


Xiao:2022:TSD


Zhang:2022:SLO

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>
| Choi:2022:WMG | Dalsu Choi, Hyunsik Yoon, Hyubjin Lee, and Yon Dohn Chung. Waffle:


[2883] Yuliang He, Duo Lu, Kaisong Huang, and Tianzheng Wang. Evaluating persistent memory range indexes: part

**Yogatama:2022:ODP**


**Wang:2022:IMO**


**Yang:2022:FDS**


**Pereira:2022:AST**


**Chen:2022:GTH**


**Konig:2022:TPS**


**Chen:2022:EBS**


**Peng:2022:NFP**

REFERENCES


REFERENCES


[2906] Pedro Pedreira, Orri Erling, Masha Basmanova, Kevin Wilfong, Laith Sakka, Krishna Pai, Wei He, and Biswapesh Chattopadhyay. Velox:


Mishchenko:2022:BCS


Yu:2022:TCL


Xie:2022:GMD


Lakshman:2022:MHD


Cahoon:2022:DAS


Harizopoulos:2022:MNG


Gaffney:2022:SPP

REFERENCES


[2927] Marius Gassen, Benjamin Hättasch, Benjamin Hilprecht, Nadja Geisler, Alexander Fraser, and Carsten Binning. Demonstrating CAT: synthesiz-

Personnaz:2022:EGE


Li:2022:CEQ


Asada:2022:STT


Chan:2022:LVK


Ajmani:2022:DMR


Chapman:2022:DAD

REFERENCES


Yan:2022:SDD


Bonifati:2022:DPG


Maamar-Kouadri:2022:SQO


Orogat:2022:SDA


Tu:2022:DHE


Gale:2022:SWS


Chen:2022:RMC


Wenig:2022:TBT

[2950] Phillip Wenig, Sebastian Schmidl, and Thorsten Papenbrock. TimeE-

Lerner:2022:DAH


Liang:2022:FSF


Wu:2022:AVA


Al-Sayeh:2022:SCA


vLeeuwen:2022:AQP


Boniol:2022:TNL


Hofmann:2022:DAS

Gakhar:2022:POA


Redyuk:2022:DAA


He:2022:WDN


Geisler:2022:DQQ


Ripberger:2022:IID


Foufoulas:2022:YRU


Yang:2022:DAM


Liu:2022:DCI

Zalipynis:2022:SAR


Badaro:2022:TTD


Kiehn:2022:PDM


Wasay:2022:MPT


Li:2022:CDN


Mhedhbi:2022:MTQ


Fang:2022:DSD


Trummer:2022:BGC

Huang:2022:PPF

Kaoudi:2022:UDA

Fan:2022:BGC

Amer-Yahia:2022:TAP

Sun:2022:HIN
[2978] Yizhou Sun, Jiawei Han, Xifeng Yan, Philip S. Yu, and Tianyi Wu. Heterogeneous information networks: the past, the present, and the future. *Proceedings of the VLDB Endowment, 15*(12):3807–3811, August 2022. CODEN ????. ISSN 2150-8097. URL https://dl.acm.org/doi/10.14778/3554821.3554901.

Roy:2022:TIA

Ozcan:2022:RMD

Mohan:2022:PSF

Balazinska:2022:CDS
REFERENCES


Helt:2022:CCC


Wang:2022:CDS


Wu:2022:FED


Zhang:2022:MNL


Yang:2022:PPC


Wang:2022:CMT


Zhang:2022:SMM


Skitsas:2022:SSE


Yu:2022:TUP


Tao:2022:DPE


Chang:2022:EMP


Hu:2022:OSE


Wang:2022:LEH


Shaham:2022:MMS


Huang:2022:IMR


Bonifati:2022:TLI


Jiping Zheng, Yuan Ma, Wei Ma, Yanhao Wang, and Xiaoyang Wang. Happiness maximizing sets under group fairness constraints. *Proceedings of the
REFERENCES

Renggli:2022:SEF


Islam:2022:SCT


Karpov:2022:SSE


Yang:2022:APG


Papadias:2022:SER


Wang:2022:PPT


Guo:2022:CAC


Yuan:2022:RTT

REFERENCES

Wu:2022:SOM

Geng:2022:CRB

Peng:2022:SSI

Romero:2022:OVA

Jiang:2022:SRT

Miao:2022:GET

Wang:2022:IDL

Zapridou:2022:DLP
Eleni Zapridou, Ioannis Mytilinis, and Anastasia Ailamaki. Dalton:
REFERENCES


[3030] Xuanle Ren, Le Su, Zhen Gu, Sheng Wang, Feifei Li, Yuan Xie, Song Bian, Chao Li, and Fan Zhang. HEDA:

Shen:2022:DPG


Geng:2022:NDH


Ahmad:2022:PPR


DaDalt:2022:BSV


Moti:2022:WWA


Pena:2022:FAD


Jiao:2022:TQI


Demirci:2022:SGC


Schafer:2022:MSA


Narayan:2022:CFM


Kim:2022:MDB


Baruah:2022:POD


Lazebnik:2022:SSB


Gurukar:2022:MWS


Zeakis:2022:TEF


Kayali:2022:QSC

[3046] Moe Kayali and Dan Suciu. Quasi-stable coloring for graph compression: Approximating max-flow, lin-

Pujol:2022:MAD


Gubner:2022:EVM


Qin:2022:ADO


Laddad:2022:KCC


Lu:2022:MLS


Szarnyas:2022:LSN


An:2022:MCM


Wei:2022:SPE


[3055] Ding:2022:EAQ


[3058] Li:2023:ATR


[3059] Xie:2023:PSH


[3060] Rabbani:2023:EVS


REFERENCES

Fang:2023:AER


Yang:2023:STR


Zhu:2023:HPR


Luo:2023:HGA


Liu:2023:LAD


Gruber:2023:BCD


Cha:2023:BLH


Huang:2023:DSE

[3077] Wentao Huang, Yunhong Ji, Xuan Zhou, Bingsheng He, and Kian-Lee Tan. A design space exploration and

Huang:2023:EBB


Li:2023:DPV


Zhao:2023:PCT


Furst:2023:VOM


Sun:2023:RRT


Li:2023:ZWT


Feng:2023:EAC


Yue:2023:GEV

Cong Yue, Tien Tuan Anh Dinh, Zhonglei Xie, Meihui Zhang, Gang Chen, Beng Chin Ooi, and Xiaokui Xiao. GlassDB: an efficient verifiable


[3101] David Pujol, Amir Gilad, and Ashwin Machanavajjhala. PreFair: Pri-

Shraga:2023:EDC


Budiu:2023:DAI


Liang:2023:SSP


Zhang:2023:IES


Fang:2023:DGE


Zheng:2023:SSV


Li:2023:SSF


Hong:2023:GSB

[3109] Zicong Hong, Song Guo, Enyuan Zhou, Wuhui Chen, Huawei Huang,


