Selected Primary studies

PID	Title	Publication Year	Journal/Conference Name	Publisher	Category
[1]	A survey of big data management: Taxonomy and state-of-the-art	2016	Journal of Network and Computer Applications	Elsevier	**J**ournal
[2]	Academic social networks: Modeling, analysis, mining and applications	2019	Journal of Network and Computer Applications	Elsevier	**J**ournal
[3]	Optimization of linear recursive queries in SQ	2009	IEEE Transaction on Knowledge and Data Engineering	IEEE	Journal
[4]	NoSQL–NOT ONLY SQL	2013	International Journal of Enterprise Computing and Business Systems	NA	Journal
[5]	Towards robust distributed systems	2000	ACM- Principal on Distributed Computing	ACM	Conference
[6]	A study on data storage security issues in cloud computing	2016	2nd International Conference on Intelligent Computing, Communication & Convergence	Elsevier	Conference
[7]	CloudDBGuard: A framework for encrypted data storage in NoSQL wide column stores	2019	Data & Knowledge Engineering	Elsevier	Journal
[8]	State-of-the-art, challenges, and open issues in the integration of Internet of things and cloud computing	2016	Journal of Network and Computer Applications	Elsevier	**J**ournal
[10]	Survey on NoSQL Database	2011	6th international conference on pervasive computing and applications	IEEEXplore	Conference
[11]	RDBMS to NoSQL: reviewing some next-generation non-relational Database's	2011	INTERNATIONAL JOURNAL OF ADVANCED ENGINEERING SCIENCES AND TECHNOLOGIES	NA	Journal
[12]	SQL Databases v. NoSQL Databases	2010	Communication of the ACM	ACM	Journal
[13]	The transition from RDBMS to NoSQL. a comparative analysis of three popular non-relational solutions: Cassandra, MongoDB and Couchbase	2014	Database Systems Journal	The Bucharest University of Economic Studies	Journal
[14]	The battle between NoSQL Databases and RDBMS	2019	NA	papers.ssrn.com	Other

[15]	Ten years of critical review on Database forensics research	2019	Digital Investigation	Elsevier	Journal
[22]	Big data processing tools: an experimental performance evaluation	2019	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	Wiley	Journal
[23]	MongoDB NoSQL injection analysis and detection	2016	3rd International Conference on Cyber Security and Cloud Computing (CSCloud)	IEEEXplore	Conference
[24]	A comparative study: MongoDB vs. MySQL	2015	13th International Conference on Engineering of Modern Electric Systems (EMES)	IEEEXplore	Conference
[25]	Comparing NoSQL MongoDB to an SQL DB	2013	In Proceedings of the 51st ACM Southeast Conference	ACM	Conference
[26]	Using MongoDB to implement textbook management system instead of MySQL	2011	IEEE 3rd International Conference on Communication Software and Networks	IEEEXplore	Conference
[27]	MongoDB vs. Oracle--Database comparison	2012	third international conference on emerging intelligent data and web technologies	IEEE Computer Society	Conference
[28]	Performance comparison of SQL and NoSQL Databases	2013	IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM)	IEEEXplore	Conference
[29]	SQL Database with physical Database tuning technique and NoSQL graph Database comparisons	2019	In Proceedings of 2019 IEEE 3rd Information Technology, Networking, Electronic and Automation Control Conference, ITNEC	IEEEXplore	Conference
[30]	Predictive Performance Comparison Analysis of Relational & NoSQL Graph Databases	2017	IJACSA	IJACSA	Journal
[31]	Comparative study of relational and non-relations Database performances using Oracle and MongoDB systems	2014	Journal Impact Factor	NA	Journal
[32]	A comparison of a graph Database and a relational Database: a data provenance perspective	2010	In Proceedings of the 48th annual Southeast regional conference	ACM	Conference
[33]	SQL support over MongoDB using metadata	2013	International Journal of Scientific and Research Publications	NA	Journal

[34]	Comparative analysis of NoSQL (MongoDB) with MySQL Database	2015	International Journal of Modern Trends in Engineering and Research	NA	Journal
[35]	A comprehensive comparison of SQL and MongoDB Databases	2015	International Journal of Scientific and Research Publications	NA	Journal
[36]	Performance comparison of in-memory and disk-based Databases using transaction processing performance council (TPC) benchmarking	2018	Journal of Internet and Information. Systems	Academic Journal	Journal
[37]	ANALYSIS AND COMPARISON OF DOCUMENT-BASED DATABASES WITH SQL RELATIONAL DATABASES: MongoDB VS MYSQL	2018	Proceedings of the International Conference on Information Technologies	NA	Conference
[38]	Performance Analysis of RDBMS and No SQL Databases: PostgreSQL, MongoDB, and Neo4	2018	3rd International Conference and Workshops on Recent Advances and Innovations in Engineering (ICRAIE)	IEEEXplore	Conference
[39]	Comparison of query performance in relational a non-relation Databases	2019	13th International Scientific Conference on Sustainable, Modern and Safe Transport (TRANSCOM)	Elsevier	Conference
[40]	Closing the functional and performance gap between SQL and NoSQL	2016	In Proceedings of the 2016 International Conference on Management of Data	ACM	Conference
[41]	Migration from RDBMS to column-oriented NoSQL: Lessons learned and open problems	2018	In Proceedings of the 7th International Conference on Emerging Databases	Springer	Conference
[42]	Performance evaluation of open source graph Databases	2014	In Proceedings of the first workshop on Parallel programming for analytics applications	ACM	Conference
[43]	Labeled Property Graphs: SQL or NoSQL?	2019	Ivannikov Memorial Workshop (IVMEM)	IEEEXplore	Conference
[44]	Graph Schema Storage in SQL Object-Relational Database and NoSQL Document-Oriented Database: A Comparative Study,	2019	in International Conference Europe Middle East & North Africa Information Systems and Technologies to Support Learning	Springer	Conference
[45]	Graph-Based Denormalization for Migrating Big Data from	2019	In Intelligent Communication	Springer	Conference

	SQL Database to NoSQL Database		Technologies and Virtual Mobile Networks		
[46]	The use of a graph‑based system to improve bibliographic information retrieval: System design, implementation, and evaluation	2017	Journal of the Association for Information Science and Technology	Wiley	Journal
[47]	A study on data input and output performance comparison of MongoDB and PostgreSQL in the big data environment	2015	In 2015 8th International Conference on Database Theory and Application (DTA)	ACM	Conference
[48]	Comparison of SQL, NoSQL and NewSQL Databases for the internet of things	2016	IEEE Bombay Section Symposium (IBSS)	IEEEXplore	Conference
[49]	Data Migration from Relational Database to MongoDB	2019	Global Journal of Computer Science and Technology	NA	Journal
[50]	Modeling MongoDB with the relational model	2013	In 2013 Fourth International Conference on Emerging Intelligent Data and Web Technologies	IEEEXplore	Conference
[51]	Automatic mapping of MySQL Databases to NoSQL MongoDB	2016	in 2016 Federated Conference on Computer Science and Information Systems (FedCSIS)	IEEEXplore	Conference
[52]	Migrating from SQL to NoSQL Database: Practices and Analysis	2018	in 2018 International Conference on Innovations in Information Technology (IIT)	IEEEXplore	Conference
[53]	Data adapter for querying and transformation between SQL and NoSQL Database	2016	Future Generation Computer Systems.	Elsevier	Journal
[54]	Migration of healthcare relational Database to NoSQL cloud Database for healthcare analytics and management	2019	Healthcare Data Analytics and Management,	Elsevier	Other
[55]	A framework for migrating relational datasets to NoSQL	2015	International Conference On Computational Science	Elsevier	Conference
[56]	Transformation of SQL system to NoSQL system and performing data analytics using SVM	2017	In 2017 International Conference on Trends in Electronics and Informatics (ICEI)	IEEEXplore	Conference
[57]	Correlation Aware Technique for SQL to NoSQL Transformation	2014	7th International Conference on Ubi-Media Computing and Workshops	IEEEXplore	Conference

[58]	SQL to NoSQL transformation system using data adapter and analytics	2017	IEEE International Conference on Technological Innovations in Communication, Control and Automation (TICCA)	IEEEXplore	Conference
[59]	Integration and virtualization of relational SQL and NoSQL systems including MySQL and MongoDB	2014	International Conference on Computational Science and Computational Intelligence	IEEEXplore	Conference
[60]	NoSQL real-time Database performance comparison	2018	International Journal of Parallel, Emergent and Distributed Systems	NA	Journal
[61]	MongoDB and Oracle NoSQL: A technical critique for design decisions	2016	International Conference on Emerging Trends in Engineering, Technology, and Science (ICETETS)	IEEEXplore	Conference
[62]	NoSQL Database: New era of Databases for big data analytics-classification, characteristics, and comparison	2013	ARVIX	ARVIX	NA
[63]	Query Response Time Comparison NOSQLDB MongoDB with SQLDB Oracle	2015	Jurnal Ilmiah Teknologi Informasi	NA	Journal
[64]	Relative scalability of NoSQL Databases for genotype data manipulation.	2018	Revista de Informática Teórica e Aplicada - RITA	NA	Journal
[65]	Scalable SQL and NoSQL data stores	2011	ACM Sigmod Record	ACM	Other
[66]	SQL-to-NoSQL schema denormalization and migration: a study on content management systems	2015	IEEE International Conference on Systems, Man, and Cybernetics	IEEEXplore	Conference
[67]	SQL & NoSQL Databases	2019	Other	Springer	Other
[68]	Integration of Relational and NoSQL Databases	2018	In Asian Conference on Intelligent Information and Database Systems.	Springer	Other
[69]	Literature Review on Database Design Testing Techniques	2019	Advances in Intelligent Systems and Computing	Springer	Other
[70]	Database engines: Evolution of greenness	2018	Journal of Software: Evolution and Process	Wiley	Conference
[72]	BASE analysis of NoSQL Database	2015	Future Generation Computer Systems	Elsevier	Journal
[73]	Evaluation of ACE properties of traditional SQL and NoSQL big data systems	2019	In Proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing	ACM	Conference

[74]	An adaptive trade‑off between consistency and performance in data replication	2017	Software: Practice and Experience	Wiley	Other
[75]	Automatic SQL-to-NoSQL schema transformation over the MySQL and HBase Databases	2015	IEEE International Conference on Consumer Electronics-Taiwan	IEEEXplore	Conference
[76]	Analyzing and Comparison of NoSQL DBMS	2018	International Scientific-Practical Conference Problems of Infocommunications	IEEEXplore	Conference
[77]	Performance evaluation of in-memory Databases	2017	Journal of King Saud University Computer and Information Science	Elsevier	Journal
[78]	MapReduce: simplified data processing on large clusters	2008	Communications of the ACM	ACM	Journal
[79]	Database technologies in the world of big data	2015	In Proceedings of the 16th International Conference on Computer Systems and Technologies	ACM	Conference
[80]	Map-reduce-merge: simplified relational data processing on large clusters	2007	In Proceedings of the 2007 ACM SIGMOD international conference on Management of data	ACM	Conference
[81]	MRShare: sharing across multiple queries in MapReduce	2010	Proceedings of the VLDB Endowment	ACM	Conference
[82]	A Comparison of NoSQL and SQL Databases over the Hadoop and Spark Cloud Platforms using Machine Learning Algorithms	2018	IEEE International Conference on Consumer Electronics-Taiwan (ICCE-TW)	IEEEXplore	Conference
[83]	Performance Analysis of Hadoop-based SQL and NoSQL for Processing Log Data	2015	International Conference on Database Systems for Advanced Applications	Springer	Conference
[84]	The impact of columnar file formats on SQL‑on‑Hadoop engine performance: A study on ORC and Parquet	2019	Concurrency and Computation: Practice and Experience	Wiley	Journal
[85]	Working with NoSQL Alternatives	2018	In Cloud Data Design, Orchestration, and Management Using Microsoft Azure	Springer	Conference
[86]	Evaluation of relational and NoSQL approaches for patient cohort identification from heterogeneous data sources	2017	IEEE International Conference on Bioinformatics and Biomedicine (BIBM)	IEEEXplore	Conference

[87]	Comparison of NoSQL Database and Traditional Database-An emphatic analysis	2018	International Journal on Informatics Visualization	NA	Journal
[88]	Performance Comparison of Two Database Management Systems MySQL vs. MongoDB	2018	Other	NA	Other
[89]	The Comparison of Processing Efficiency of Spatial Data for PostGIS and MongoDB Databases	2019	In International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[90]	Geospatial big data: challenges and opportunities	2015	Big Data Research	Elsevier	Journal
[91]	Considerations on geospatial big data	2016	IOP Conf. Series: Earth and Environmental Science	IOPScience	Conference
[92]	Using convolutional networks and satellite imagery to identify patterns in urban environments at a large scale	2017	in Proceedings of the 23rd ACM SIGKDD international conference on knowledge discovery and data mining	ACM	Conference
[93]	Report on the Seventh International Workshop on Location and the Web (LocWeb 2017)	2017	IEEE International Conference on Big Data	IEEEXplore	Conference
[94]	Internet of things as a methodological concept	2013	Fourth International Conference on Computing for Geospatial Research and Application	IEEEXplore	Conference
[95]	Twitter under crisis: Can we trust what we RT?	2010	in Proceedings of the first workshop on social media analytics,	ACM	Conference
[96]	Speeding up the clock in remote sensing: identifying the 'black spots' in exposure dynamics by capitalizing on the full spectrum of joint high spatial and temporal resolution	2017	Natural Hazards	Springer	Journal
[97]	Geospatial Big Data and archaeology: Prospects and problems too great to ignore	2017	Journal of Archaeological Science	Elsevier	Journal
[98]	How Poor Is the 'Poor Man's Search Engine'?	2018	in International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[99]	Performance aspects of migrating a web application from a	2015	In International Conference: Beyond Databases, Architectures, and Structures	Springer	Conference

	relational to a NoSQL Database				
[100]	MySQL and NoSQL Database comparison for IoT application	2016	IEEE International Conference on Advances in Computer Applications (ICACA),	IEEEXplore	Conference
[101]	A proposed performance evaluation of NoSQL Databases in the field of IoT	2018	8th International Conference on Computer Science and Information Technology (CSIT)	IEEEXplore	Conference
[102]	SQL or NoSQL? Contrasting approaches to the storage, manipulation and analysis of spatio-temporal online social network data	2014	International Conference on Computational Science and Its Applications	Springer	Conference
[103]	Comparative analysis of relational and non-relational Databases in the context of performance in web applications	2017	International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[104]	Evaluation of XPath queries over XML documents using SparkSQL framework	2017	International Conference: Beyond Databases, Architectures and Structures, 2017	Springer	Conference
[105]	The multi-model Databases–a review	2017	International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[106]	1.06 GIS Databases and NoSQL Databases	2017	Comprehensive Geographic Information Systems	Elsevier	Other
[107]	Geographic information systems and science	2005	Other	NA	Other
[108]	Computational model for efficient processing of geofield queries	2009	Man-Machine Interactions, Springer	Springer	Other
[109]	A data model for heterogeneous data	2014	International Conference: Beyond Databases, Architectures and Structures	Springer	Conference

	integration architecture				
[110]	Efficient storage of big-data for real-time gps applications	2014	Fourth International Conference on Big Data and Cloud Computing	IEEEXplore	Conference
[111]	An attempt to automate the simplification of building objects in multiresolution Databases	2015	International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[112]	The extended structure of multi-resolution Database,	2014	International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[115]	GISB: a benchmark for geographic map information extraction	2015	International Conference: Beyond Databases, Architectures and Structures	Springer	Conference
[116]	The importance of contextual topology in the process of harmonization of the spatial Databases on example BDOT500	2016	Baltic Geodetic Congress (BGC Geomatics)	IEEEXplore	Conference
[117]	A Big Data processing strategy for hybrid interpretation of flood embankment multisensor data	2016	Geology, Geophysics and Environment	AGH University of Science and Technology	Journal
[118]	Evaluation of relational and NoSQL Database architectures to manage genomic annotations	2016	Journal of Biomedical Informatics	Elsevier	Journal
[119]	SQL or NoSQL? Which Is the Best Choice for Storing Big Spatio-Temporal Climate Data?	2018	International Conference on Conceptual Modeling	Springer	Conference
[120]	Mysql spatial and postgis–implementations of spatial data standards	2011	Electronic Journal of Polish Agricultural Universities (EJPAU)	EJPAU	Journal

[121]	Pro oracle spatial for oracle Database 11	2008	Dreamtech Press	Oracle	Other
[122]	SQL versus NoSQL Databases for geospatial applications	2017	IEEE International Conference on Big Data (Big Data)	IEEEXplore	Conference
[123]	Exploring the Design Needs for the New Database Era	2018	Enterprise, Business-Process and Information Systems Modeling	Springer	Other
[124]	Forensic investigation framework for the document store NoSQL DBMS: MongoDB as a case study	2016	Digital Investigation	Elsevier	Journal
[125]	Performance Analysis of Not Only SQL Semi-Stream Join Using MongoDB for Real-Time Data Warehousing	2019	IEEE Acces	IEEEAcces	Journal
[126]	Security issues in NoSQL Databases	2011	IEEE 10th International Conference on Trust, Security and Privacy in Computing and Communications	IEEEXplore	Conference
[127]	Cdport: A portability framework for NoSQL datastores	2015	Arabian Journal for Science and Engineering	Springer	Journal
[128]	SeCloudDB: A Unified API for Secure SQL and NoSQL Cloud Databases	2019	in Proceedings of the 2019 3rd International Conference on Cloud and Big Data Computing,	ACM	Conference
[129]	A Survey on Approaches for Interoperability and Portability of Cloud Computing Services	2014	the proceedings of the 4th International Conference on Cloud Computing and Services Science (CLOSER 2014)	SCiTePress	Conference
[130]	Design patterns to enable data portability	2012	12th International Conference on Computational	IEEEXplore	Conference

	between clouds' Databases		Science and Its Applications		
[131]	Cdport: A framework of data portability in cloud platforms	2014	Proceedings of the 16th International Conference on Information Integration and Web-based Applications & Services	ACM	Conference
[132]	Internet of things data storage infrastructure in the cloud using NoSQL Databases	2017	EEE Latin America Transactions	Spanish and Portuguese by IEEE	Journal
[133]	Data management in cloud environments: NoSQL and NewSQL data stores	2013	Journal of Cloud Computing: Advances, Systems and Applications	SpringerOpen	Journal
[134]	Cloud computing—The business perspective	2011	Decision Support System	Elsevier	Journal
[135]	The cloudmdsql multistore system	2016	Proceedings of the 2016 International Conference on Management of Data	ACM	Conference
[136]	A semantic Interoperability framework for cloud platform as a service	2011	IEEE Third International Conference on Cloud Computing Technology and Science	IEEEXplore	Conference
[137]	Cloud Computing Interoperability Approaches-Possibilities and Challenges	2012	Local Proceedings of the Fifth Balkan Conference in Informatics	University of Novi Sad	Conference
[138]	Cloud computing Interoperability: the state of play	2011	IEEE Third International Conference on Cloud Computing Technology and Science	IEEEXplore	Conference
[139]	UML model of a standard API for cloud computing application development	2019	9th International Conference on Electrical Engineering, Computing Science	IEEEXplore	Conference

			and Automatic Control (CCE)		
[140]	Experiences in building a mOSAIC of clouds	2013	Journal of Cloud Computing, Advances, Systems and Applications	SpringerOpen	Journal
[141]	Supporting the development and operation of multi-cloud applications: The modaclouds approach	2013	15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing	IEEEXplore	Conference
[142]	Portability and Interoperability between clouds: challenges and case study	2011	European Conference on a Service-Based Internet	Springer	Conference
[143]	Simplifying MapReduce data processing	2013	International Journal of Computational Science and Engineering	NA	Journal
[144]	A common API for delivering services over multi-vendor cloud resources	2013	Journal of Systems and Software	Elsevier	Journal
[145]	A survey of large scale data management approaches in cloud environments	2011	IEEE Communications Surveys and Tutorials	IEEEXplore	Conference
[146]	Relational cloud: A Database-as-a-service for the cloud	2011	MIT	MIT	Journal
[147]	Database as a service (DBaaS)	2010	IEEE 26th International Conference on Data Engineering (ICDE 2010)	IEEEXplore	Conference
[148]	Private table Database virtualization for dbaas	2011	Fourth IEEE International Conference on Utility and Cloud Computing	IEEEXplore	Conference

NA: not specified/ no idea;   Others: white papers, technical reports, Book chapters etc.