

S.No.	Title	Venue / Year	Citation
1	On spectral clustering: Analysis and an algorithm	NIPS 2001	9132
2	CURE: an efficient clustering algorithm for large databases	SIGMOD 98	3696
3	CLIQUE: Automatic subspace clustering for high dimensional data for data mining applications	SIGMOD 1998	3588
4	ROCK: A robust clustering algorithm for categorical attributes	Elsevier Journal Information system 2000	2500
5	A framework for clustering evolving data streams	VLDB 2003	2294
6	Co-clustering documents and words using bipartite spectral graph partitioning	KDD2001	2001
7	STING: A statistical information grid approach to spatial data mining	VLDB 1997	1944
8	An efficient approach to clustering in large multimedia databases with noise	AAAI 98	1716
9	Information-theoretic co-clustering	KDD 2003	1550
10	Efficient clustering of high-dimensional data sets with application to reference matching	KDD 2000	1370
11	Kernel k-means: spectral clustering and normalized cuts	KDD 2004	1273
12	CLARANS: A method for clustering objects for spatial data mining	TKDE 2002	1232
13	Density-based clustering over an evolving data stream with noise	SIAM DM 2006	1056
14	A min-max cut algorithm for graph partitioning and data clustering	ICDM 2001	1053
15	Multiclass spectral clustering	ICCV 2003	1045
16	Scan: a structural clustering algorithm for networks	KDD 2007	824
17	Graph Clustering Based on Structural/Attribute Similarities	VLDB 2009	821
18	Streaming-data algorithms for high-quality clustering	ICDE 2002	814
19	Finding generalized projected clusters in high dimensional spaces	SIGMOD 2000	793
20	A spectral clustering approach to finding communities in graphs	SIAM DM 2005	703
21	A framework for projected clustering of high dimensional data streams	VLDB 2004	693
22	Clustering by pattern similarity in large data sets	SIGMOD 2002	671
23	D-Stream : Density-based clustering for real-time stream data	KDD 2007	615
24	Ranking-based clustering of heterogeneous information networks with star network schema	KDD 2009	529
25	Density-Connected Subspace Clustering for High-Dimensional Data	SIAM 2004	475
26	Density-ratio based clustering for discovering clusters with varying densities	Elsevier Journal PAttern Recognition 2016	73
27	RNN-DBSCAN: A Density-Based Clustering Algorithm Using Reverse Nearest Neighbor Density Estimates	IEEE Transactions in Knowledge and Data Engineering	69
28	A fast clustering algorithm based on pruning unnecessary distance computations in DBSCAN for high-dimensional data	Elsevier Journal Pattern Recognition	53
29	NG-DBSCAN: scalable density-based clustering for arbitrary data	VLDB 2016	48
30	RECOME: A new density-based clustering algorithm using relative KNN kernel density	Elsevier Journal Information Science 2018	37
31	RP-DBSCAN: A Superfast Parallel DBSCAN Algorithm Based on Random Partitioning	ACM SIGMOD 2018	22
32	Novel density-based and hierarchical density-based clustering algorithms for uncertain data	Elsevier Journal on Neural Networks 17	17
33	GRIDEN: An effective grid-based and density-based spatial clustering algorithm to support parallel computing	Elsevier Journal of Pattern Recognition Letters 2018	13
34	A Distance Scaling Method to Improve Density-Based Clustering	PAKDD 2018	9
35	A systematic density-based clustering method using anchor points	Elsevier Journal Neurocomputing 2020	2
36	RDMN: A relative density measure based on MST neighborhood for clustering multi-scale datasets	IEEE Transactions on Knowledge and Data Engineering	2