

## Big Data Research From Springer Journal

### Volume 1:

1. Airline new customer tier level forecasting for real-time resource allocation of a miles program
2. Comparative study between incremental and ensemble learning on data streams: Case study
3. ✓ A review of data mining using big data in health informatics
4. ✓ A big data methodology for categorising technical support requests using Hadoop and Mahout  
↳ Have to study Hadoop & Mahout

### Volume 2:

5. The ubiquitous self-organizing map for non-stationary data streams
6. ✓ A data mining framework to analyze road accident data
7. An industrial big data pipeline for data-driven analytics maintenance applications in large-scale smart manufacturing facilities
8. ✓ A survey of open source tools for machine learning with big data in the Hadoop ecosystem
9. Survey of review spam detection using machine learning techniques
10. Visualizing Big Data with augmented and virtual reality: challenges and research agenda
11. ✓ Big data analytics: a survey ✓✓✓.
12. Big data in manufacturing: a systematic mapping study
13. (A) novel algorithm for fast and scalable subspace clustering of high-dimensional data
14. Cabinet Tree: an orthogonal enclosure approach to visualizing and exploring big data
15. Meta-MapReduce for scalable data mining



16. SOCR data dashboard: an integrated big data archive mashing medicare, labor, census and econometric information
17. Structural and functional analytics for community detection in large-scale complex networks
18. Performance analysis of concurrent workflows
19. A data analytics and management system for molecular simulation
20. A survey on platforms for big data analytics
21. Sharing big biomedical data
22. Summarizing large text collection using topic modeling and clustering based on MapReduce framework
23. Paradigm Shift in Big Data SuperComputing: DataFlow vs. ControlFlow
24. Intrusion detection and Big Heterogeneous Data: a Survey
25. Contextual anomaly detection framework for big sensor data
26. Deep learning applications and challenges in big data analytics

Volume 3 :

27. Limited random walk algorithm for big graph data clustering
- ~~28.~~ Big data privacy: a technological perspective and review
29. Understanding big data themes from scientific biomedical literature through topic modeling
30. An optimized approach for community detection and ranking
31. An efficient strategy for the collection and storage of large volumes of data for computation
- ~~32.~~ Big data analysis for financial risk management
33. A distributed data object for parallel high-performance computing in Python
34. Identification of top-K influential communities in big networks



35. Multi-method approach to wellness predictive modeling

✓ 36. Reaping the benefits of big data in telecom

37. Analysis of hourly road accident counts using hierarchical clustering and cophenetic correlation coefficient (CPCC)

38. Optimized relativity search: node reduction in personalized page rank estimation for large graphs

39. Towards shortest path identification on large networks

40. A survey of transfer learning

41. A novel framework to analyze road accident time series data

✗ 42. Role of big-data in classification and novel class detection in data streams

43. Mining Chinese social media UGC: a big-data framework for analyzing Douban movie reviews

✓ 44. Big data, Big bang?

45. Data stream clustering by divide and conquer approach based on vector model

#### Volume 4:

46. Conceptualizing Big Social Data

47. A new method of large-scale short-term forecasting of agricultural commodity prices: illustrated by the case of agricultural markets in Beijing