**LITERATURE** **SURVEY:**

**TEAM** **ID** **:**PNT2022TMID45371

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| S.No | **Paper** **Title** | **Author(s)** | **Month** **/Year** | **Method/Implementa** **tion** **technique(s)** | **Resource** **Link** |
| 1 | Exploring mobile news reading interactions for news app personalisation | Marios Constantinide s, John Dowell, David Johson, Sylvain Malacria | Augus t, 2015 | 1. Identiﬁcation of news reader types  2. Interaction logging and classiﬁcation study  3. Deployment and data collection  4. Predicting News reader types  5. Adaptive UI | [(PDF) Exploring](https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation)  [mobile news reading](https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation)  [interactions for news](https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation)  [app personalisation](https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation)  [(researchgate.net)](https://www.researchgate.net/publication/299870645_Exploring_mobile_news_reading_interactions_for_news_app_personalisation) |
| 2 | Detection and Tracking in News Articles | Sagar Patel, Sanket Suthar, Sandip Patel, Neha Patel | March, 2015 | 1. Pre-processing  2. Tokenization 3. Stemming/L  emmization 4. Vector Space  Model 5. Topic  tracking | [(PDF) Topic Detection](https://www.researchgate.net/publication/315657099_Topic_Detection_and_Tracking_in_News_Articles)  [and Tracking in News](https://www.researchgate.net/publication/315657099_Topic_Detection_and_Tracking_in_News_Articles)  [Articles](https://www.researchgate.net/publication/315657099_Topic_Detection_and_Tracking_in_News_Articles)  [(researchgate.net)](https://www.researchgate.net/publication/315657099_Topic_Detection_and_Tracking_in_News_Articles) |
| 3 | Following the Fed with a News Tracker | Michael William McCracken | Januar y, 2012 | The paper is not a technical paper but is essentially a statistical paper on how should one conclude whether the data have come in stronger, weaker or as expected. This is based on the CitiGroup U.S Economic Surprise Index. | [(PDF) Following the](https://www.researchgate.net/publication/227438253_Following_the_Fed_with_a_News_Tracker)  [Fed with a News](https://www.researchgate.net/publication/227438253_Following_the_Fed_with_a_News_Tracker)  [Tracker](https://www.researchgate.net/publication/227438253_Following_the_Fed_with_a_News_Tracker)  [(researchgate.net)](https://www.researchgate.net/publication/227438253_Following_the_Fed_with_a_News_Tracker) |

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| 4 | An End-to-end Weakly-supervised News Aggregation Framework | Xijin Tang, Xiaohui Huang | June, 2022 | The framework combines Snorkel-based weakly-supervised classiﬁcation, Latent Dirichlet Allocation (LDA) topic modeling, and topic signal detection model to classify and aggregate unlabeled news texts and ultimately generate visualized results containing news categories, news topics, and temporal topic relationships. This paper uses constructed knowledge thesaurus and the Snorkel method to weakly supervise the classiﬁcation of unlabeled news with no manual tagging. Subsequently, we utilize LDA to generate the topics and obtain the signal value of each topic based on the topic signal detection function. Finally, we establish the temporal topic relationships and get the visualized results of news aggregation. | [An End-to-end Weakly-](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework)  [supervised News](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework)  [Aggregation](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework)  [Framework | Request](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework)  [PDF](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework)  [(researchgate.net)](https://www.researchgate.net/publication/361087328_An_End-to-end_Weakly-supervised_News_Aggregation_Framework) |