List of Journals

1. S. Palmal, S. Saha, **Nikhilanand Arya**, and S. Tripathy. "CAGCL: Predicting Short- and Long-Term Breast Cancer Survival with Cross-Modal Attention and Graph Contrastive Learning", IEEE Journal of Biomedical and Health Informatics, (2024), **(Impact Factor: 6.7)** DOI: 10.1109/JBHI.2024.3449756
2. A. Mathur, **Nikhilanand Arya**, K. Pasupa, S. Saha, S. Roy, and S. Saha. *"Breast cancer prognosis through the use of multi-modal classifiers: Current state of the art and the way forward."* Briefings in Functional Genomics, Oxford University Press, Volume 23, Issue 5, Pages 561–569 (30 April 2024), **(Impact Factor:4.3)** DOI: https://doi.org/10.1093/bfgp/elae015
3. S.Palmal, **Nikhilanand Arya**, S. Saha, S.Tripathy. *"Integrative prognostic modeling for breast cancer: Unveiling optimal multimodal combinations using graph convolutional networks and calibrated random forest*." Applied Soft Computing, Volume 154, 111379, (March 2024), Elsevier, **(Impact Factor: 8.7)** DOI: 10.1016/j.asoc.2024.111379
4. **Nikhilanand Arya**, and S. Saha. "*Deviation-support based fuzzy ensemble of multi-modal deep learning classifiers for breast cancer prognosis prediction*." Scientific Reports, 13, 21326 (03 December 2023), Nature Publishing Group, **(Impact Factor: 4.9)** DOI: 10.1038/s41598-023-47543-5
5. S. Palmal, **Nikhilanand Arya**, S. Saha, and S. Tripathy. "*Breast cancer survival prognosis using the graph convolutional network with Choquet fuzzy integral."* Scientific Reports 13, 14757 (07 September 2023), Nature Publishing Group, **(Impact Factor: 4.9)** DOI: 10.1038/s41598-023-40341-z
6. **Nikhilanand Arya**, S. Saha, A. Mathur, and S. Saha. "*Improving the robustness and stability of a machine learning model for breast cancer prognosis through the use of multi-modal classifiers*." Scientific Reports 13, 4079 (11 March 2023), Nature Publishing Group, **(Impact Factor: 4.9)**. DOI: 10.1038/s41598-023-30143-8
7. **Nikhilanand Arya**, A. Mathur, S. Saha, and S. Saha. *"Proposal of SVM Utility Kernel for Breast Cancer Survival Estimation.*", IEEE/ACM Transactions on Computational Biology and Bioinformatics, vol. 20, no. 2, pp. 1372-1383, (22 August 2022), IEEE **(Impact Factor: 4.5)** DOI: 10.1109/TCBB.2022.3198879
8. **Nikhilanand Arya**, and S. Saha, "*Generative Incomplete Multi-View Prognosis Predictor for Breast Cancer: GIMPP*" IEEE/ACM Transactions on Computational Biology and Bioinformatics, vol. 19, no. 4, pp. 2252-2263, (18 June 2021), IEEE, **(Impact Factor: 4.5)**. DOI: 10.1109/TCBB.2021.3090458
9. **Nikhilanand Arya**, and S. Saha, "*Multi-Modal Classification for Human Breast Cancer Prognosis Prediction: Proposal of Deep-Learning Based Stacked Ensemble Model*" IEEE/ACM Transactions on Computational Biology and Bioinformatics, vol. 19, no. 2, pp. 1032-1041, (21 August 2020), IEEE, **(Impact Factor: 4.5)**. DOI: 10.1109/TCBB.2020.3018467
10. **Nikhilanand Arya**, and S. Saha, "*Multi-modal advanced deep learning architectures for breast cancer survival prediction*" Knowledge-Based Systems, Volume 221, 106965, (7 June 2021), Elsevier, **(Impact Factor: 8.8)**. DOI: 10.1016/j.knosys.2021.106965

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1. **Nikhilanand Arya**, K. Gupta, and S. Saha (2023), "*SARS-CoV-2 Detection: Radiology based Multi-modal Multi-task Framework*", 45th Annual International Conference of the IEEE Engineering in Medicine Biology Conference (EMBC), Sydney, Australia from 24th-27th July 2023. DOI: 10.1109/EMBC40787.2023.10340386
2. S. Palmal, **Nikhilanand Arya**, S. Saha and S. Tripathy (2022), "*A Multi-modal Graph Convolutional Network for Predicting Human Breast Cancer Prognosis*," pp 187–198, in 29th International Conference on Neural Information Processing (ICONIP 2022), New-Delhi, India from 22nd -26th November 2022. (Core rank B). DOI: 10.1007/978-981-99-1648-1_13
3. D. Das, **Nikhilanand Arya** and S. Saha (2022), "*Efficient-Nets and their Fuzzy Ensemble: An Approach for Skin Cancer Classification*," pp 151–162, in 29th International Conference on Neural Information Processing (ICONIP 2022), New-Delhi, India from 22nd -26th November 2022. (Core rank B). DOI: 10.1007/978-981-99-1648-1_16