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1. K. Suvarna Vani, S. Durga Bhavani, Divide and Conquer Approach to Contact Map Overlap Problem Using 2D-Pattern Mining of Protein Contact Networks. [IEEE/ACM Transactions on Computational Biology and Bioinformatics](#), **12(4)**: 729- 737 (2015), ISSN 1545-5963, P.No.729-737. [[SCI/IEEE Transactions/DBLP](#)]
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5. Suvarna Vani Koneru and Pravenn Kumar Kollu, “Feature Extraction of Protein Contact Maps from Protein 3D Coordinantes”, International Congress on Information and Communication Technology ICICT2016 12-13, **December 2016, Bangkok, Thailand.** [[SCOPUS,DBLP](#)]
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9. K. Suvarna Vani, Om. Swaroopa, K. Praveen Kumar, “Frequent Sub Strucutres and Fold Classification from Protein Contact Maps”, 2014 IEEE Conference on Computational Intelligence in Bioinformatics and Computational Biology, May 21-24, CIBCB 2014 Honolulu, HI, USA, May 21-24, 2014. ISSN:1556-603X. [[SCOPUS, DBLP](#)]

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11. Jahnvi Somavarapu, Suvarna Vani Koneru, Praveen Kumar Kollu, "**Protein Structure Similarity using Recurrence Relation Technique**", **CIBCB 2015 IEEE Conference**. 2015 IEEE Conference on Computational Intelligence in Bioinformatics and Computational Biology, **August 12-15, ISBN 978-1-4799-6926-5, Niagara Falls, Canada.** [[SCOPUS](#),[DBLP](#)]
12. K. Suvarna Vani, **Women in Science Indo-French** Conference/Seminar, "Protein fold identification using machine learning methods on contact maps" IISc, Bangalore January, 2015. **INDO - FRENCH CEFIPRA** Seminar on "Women in Science", 3-5 February 2015, IISc, Bangalore.
13. Sri Hari Nallamala, Dr. Pragnyaban Mishra, Dr.Suvarna Vani Koneru, "Pedagogy and Reduction of K-NN Algorithm for Filtering Samples in the Breast Cancer Treatment", "International Journal of Scientific and Technology Research", ISSN 2277-8616, Vol 8, Issue 11, November 2019. [[SCOPUS](#)]
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16. Sri Hari Nallamala^{1*}, Siva Kumar Pathuri², Dr. Suvarna Vani Koneru³ "A Literature Survey on Data Mining Approach to Effectively Handle Cancer Treatment" International Journal of Engineering & Technology.7(2,7) (2018) 729-723 [[SCOPUS](#)]
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18. Om Swaroopa, K. Suvarna Vani, Mining Dense Patterns from off Diagonal Protein Contact Maps 10.5120/7682-0987 / IJCA 2012, ISSN 0975-8887, P.No.36-41. [[IEEE Explorer](#)]
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