

## **Publications in the year 2020**

1. G82S RAGE polymorphism influences amyloid-RAGE interactions relevant in Alzheimer's disease pathology. PR Rani Cathrine. C ,Bincy Lukose. Plos one 15 (10), e0225487.
2. A Systematic Review on Urinary Biomarkers for Early Diagnosis of Alzheimer's Disease (AD). P. Rani, S. Vivek, S. Maheswar Ram, International Journal of Nutrition, Pharmacology, Neurological Diseases, 10,3,91..
3. G82S RAGE polymorphism is associated with Alzheimer's disease. RC Chellappa, P Rani. Frontiers in Bioscience (Elite Edition) 12, 150-161.
4. Molecular signatures in exosomes as diagnostic markers for neurodegenerative disorders. Srisharnitha A Rani P, Karthik S. Annals of Alzheimer's and Dementia Care volume 4 issue 1 on pages 012 to 017.

## **Publications in the year 2019**

5. Performance assessment of the combined treatment for oxytetracycline antibiotics removal by sonocatalysis and degradation using *Pseudomonas aeruginosa*. AK Subramani, P Rani, PH Wang, BY Chen, S Mohan, CT Chang. Journal of Environmental Chemical Engineering 7 (4), 103215.

## **Publications in the year 2018**

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## **Publications in the year 2017**

6. Study on analysis of peripheral biomarkers for Alzheimer's disease diagnosis. P Rani, S Krishnan, C Rani Cathrine. Frontiers in neurology 8, 328.

## **Publications in the year 2016**

7. Influence of rheological properties of protein bio-inks on printability: a simulation and validation study. J Brindha, RAGP Edwina, PK Rajesh, P Rani. Materials Today: Proceedings 3 (10), 3285-3295.
8. Polymorphism in the ligand binding domain of rage alters its binding affinity towards A $\beta$ 42 peptides: an in-silico study. Sreeram Krishnan; P. Rani. *International Journal of Bioinformatics Research and Applications (IJBRA)*, Vol. 12, No. 3, 2016.

## **Publications in the year 2015**

9. A Molecular Dynamics Study on RAGE-A $\beta$ 42 Interaction and the Influence of G82S RAGE Polymorphism on A $\beta$  Interaction. S Krishnan, S Ravi, S Ponmalai, P Rani. International Journal Bioautomation 19 (4).
10. A systematic review and meta-analysis of plasma amyloid 1-42 and tau as biomarkers for Alzheimer's disease. KB Shanthi, S Krishnan, P Rani. SAGE open medicine 3, 2050312115598250.
11. Antioxidant Potential of Lingzhi or Reishi Medicinal Mushroom, *Ganoderma lucidum* (Higher Basidiomycetes) Cultivated on *Artocarpus heterophyllus* Sawdust Substrate in India'. SK P. Rani, Merlin Rajesh Lal, Uma Maheshwari. International Journal of Medicinal Mushrooms 17 (12), 1171–1177