



Ali Akbar Meratan

Associate Professor

IASBS, Department of Biological Sciences

Publications

Journals

- Sohrabi, T., Mirzaei-Behbahani, B., Zadali, R., Pirhaghi, M., Morozova-Roche, L. A., & Meratan, A. A. , "Common Mechanisms Underlying α -Synuclein-Induced Mitochondrial Dysfunction in Parkinson's Disease.", *Journal of Molecular Biology*, 2023
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- Mamashli, F., Meratan, A. A., Ghasemi, A., Obeidi, N., Salmani, B., Atarod, D., ... & Saboury, A. A., "Neuroprotective Effect of Propolis Polyphenol-Based Nanosheets in Cellular and Animal Models of Rotenone-Induced Parkinson's Disease", *ACS Chemical Neuroscience*, 2023
- Pirhaghi, M., Najarzadeh, Z., Moosavi-Movahedi, F., Shafizadeh, M., Mamashli, F., Atarod, D., ... & Saboury, A. A., "The anti-platelet drug ticlopidine inhibits FapC fibrillation and biofilm production: Highlighting its antibiotic activity", *Biochimica et Biophysica Acta (BBA)-Proteins and Proteomics*, 2023
- Rafiei, Y., Salmani, B., Mirzaei-Behbahani, B., Taleb, M., Meratan, A. A., Ramezani, M., ... & Rezaei-Ghaleh, N. ,



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- Shahbazi, E., Jamei, S., Meratan, A. A., & Pour Mohammadi, P., "Effect of salt stress on some physio-biochemical traits and antioxidative enzymes of two Brassica species under callus culture", Plant Cell, Tissue and Organ Culture, 2021
- Dehghani, Z., Meratan, A. A., Saboury, A. A., & Nemat-Gorgani, M., " α -Synuclein fibrillation products trigger the release of hexokinase I from mitochondria: Protection by curcumin, and possible role in pathogenesis of Parkinson's disease", Biochimica et Biophysica Acta (BBA)-Biomembranes, 2020
- Rostampour Ghareghozloo, E., Mahdavimehr, M., Meratan, A. A., Nikfarjam, N., Ghasemi, A., Katebi, B., & Nemat-Gorgani, M., "Role of surface oxygen-containing functional groups of graphene oxide quantum dots on amyloid fibrillation of two model proteins", PLOS ONE, 2020
- Zadali, R., Ghareghozloo, E. R., Ramezani, M., Hassani, V.,



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