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Publications

Journals

- N. Jameei Moghaddam, L. Hassani, R. Bagheri , Z. Song , S. I. Allakhverdiev , M. Mahdi Najafpour, "Toward Escherichia coli bacteria-machine for water-oxidation reaction at neutral conditions: Using Ruthenium Red", International Journal of Hydrogen Energy, 2023
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- P.Jahangoshayi, L. Hasani, B. Ranjbar, "Investigation of TMPYP4 porphyrin interaction with AS1411 aptamer using spectroscopic methods", Modaes Journal of Biotechnology , 2021
- A. Hematian, M. Valipour, L. Hassani, "The Effect of Polyethylene Glycol Induced Molecular Crowding on β -lactoglobulin Aggregation", Biomacromolecular Journal , 2021
- I. Z. Falahati , A. Mahdavi , L. Hassani, , "Physicochemical studies on the structural stability of the HIV-1 vaccine candidate recombinant Tat protein ", International Journal of Biological Macromolecules, 2020
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- □ F. Mohammadi, M. Moeeni, A. Mahmudian, L. Hassani, "Inhibition of amyloid fibrillation of lysozyme by bisdemethoxycurcumin and diacetylbisdemethoxycurcumin ", *Biophysical Chemistry*, 2018
- □ R. Mokhtar-Ahmadabadia, Z. Madadi, S. Akbari-Birgani, C. Grillon, L. Hasani, S. Hosseinkhani, S. Zareian, "Developing a circularly permuted variant of Renilla luciferase as a bioluminescent sensor for measuring Caspase-9 activity in the cell-free and cell-based systems", *Biochemical and Biophysical Research Communications*, 2018
- - G. Khoshnevisan, R. Emamzadeh, M. Nazari, S. Mohammad Mahdi Rasa, R. Sariri, L. Hassani, "Kinetics, structure, and dynamics of Renilla luciferase solvated in binary mixtures of



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