



# Maryam Rouhani

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## Publications

### Journals

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- maryam rouhani, "Wogonin from *Scutellaria baicalensis*-Induced Radioresistance in MCF-7 Breast Cancer Cell Line", Eurasian Journal of Medicine and Oncology, 2022, doi: [10.14744/ejmo.2022.17217](https://doi.org/10.14744/ejmo.2022.17217)
- Maryam Rouhani and Hamid Hadi-Alijanvand, "Effect of Lithium Drug on Binding Affinities of Glycogen Synthase Kinase-3beta to Its Network Partners: A New Computational Approach", Journal of Chemical Information and Modeling, 2021, doi: [10.1021/acs.jcim.1c00952](https://doi.org/10.1021/acs.jcim.1c00952)
- Hamid Hadi-Alijanvand and Maryam Rouhani, "Studying the Effects of ACE2 Mutations on the Stability, Dynamics, and Dissociation Process of SARS-CoV-2 S1/hACE2 Complexes", Journal of Proteome Research, Vol. 19, NO. 11, 2020, doi: [10.1021/acs.jproteome.0c00348](https://doi.org/10.1021/acs.jproteome.0c00348)
- Maryam Rouhani and Samira Ramshini and Maryam Omid, "The Psychiatric Drug Lithium Increases DNA Damage and Decreases Cell Survival in MCF-7 and MDA-MB-231 Breast Cancer Cell Lines Exposed to Ionizing Radiation", Current Molecular Pharmacology, Vol. 12, NO. 4, 2019, doi: [10.2174/1874467212666190503151753](https://doi.org/10.2174/1874467212666190503151753)
- Maryam Rouhani, "Modeling the interplay between DNA-PK, Artemis, and ATM in non-homologous end-joining repair in G1



phase of the cell cycle", Journal of Biological Physics, Vol. 45, NO. 2, 2019, doi: [10.1007/s10867-018-9519-2](https://doi.org/10.1007/s10867-018-9519-2)

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- Bahareh Bigdeli and Bahram Goliaei and Nastaran Masoudi-Khoram and Najmeh Jooyan and Alireza Nikoofar and Maryam Rouhani and Abbas Haghparast and Fatemeh Mamashli, "Enterolactone: A novel radiosensitizer for human breast cancer cell lines through impaired {DNA} repair and increased apoptosis", Toxicology and Applied Pharmacology, Vol. 313, NO. 3, dec, 2016, doi: [10.1016/j.taap.2016.10.021](https://doi.org/10.1016/j.taap.2016.10.021)
- Hamid Hadi-Alijanvand and Maryam Rouhani, "Journey of Poly-Nucleotides through {OmpF} Porin", The Journal of Physical Chemistry B, Vol. 119, NO. 20, may, 2015, doi: [10.1021/acs.jpccb.5b00763](https://doi.org/10.1021/acs.jpccb.5b00763)
- Maryam Rouhani and Rouhani M and Goliaei B and Khodagholi F and Nikoofar A, "Lithium increases radiosensitivity by abrogating DNA repair in breast cancer spheroid culture.", Archives of Iranian medicine, Vol. 119, NO. 20, may, 2014, doi: [10.1021/acs.jpccb.5b00763](https://doi.org/10.1021/acs.jpccb.5b00763)
- Maryam Rouhani and Bahram Goliaei and Fariba Khodagholi and Alireza Nikoofar, "Antimanic drug sensitizes breast cancer cell line to ionizing radiation", General physiology and biophysics, Vol. 33, NO. 3, may, 2014, doi: [10.4149/gpb\\_2013080](https://doi.org/10.4149/gpb_2013080)
- Hamid Hadi-Alijanvand and Maryam Rouhani and Elizabeth A. Proctor and Nikolay V. Dokholyan and Ali A. Moosavi-Movahedi, "A Folding Pathway-Dependent Score to Recognize Membrane Proteins", {PLoS} {ONE}, Vol. 6, NO. 3, mar, 2011, doi: [10.1371/journal.pone.0016778](https://doi.org/10.1371/journal.pone.0016778)

