

Martin Golan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

188
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental study of the antifreeze protein AFP752, trehalose and dimethyl sulfoxide cryoprotection mechanism: correlation with cryopreserved cell viability. RSC Advances, 2017, 7, 352-360.	3.6	50
2	Theoretical and Experimental Study of Charge Transfer through DNA: Impact of Mercury Mediated T-Hg-T Base Pair. Journal of Physical Chemistry B, 2014, 118, 5374-5381.	2.6	41
3	Chromatin architecture changes and DNA replication fork collapse are critical features in cryopreserved cells that are differentially controlled by cryoprotectants. Scientific Reports, 2018, 8, 14694.	3.3	26
4	Magnetical and Optical Properties of Nanodiamonds Can Be Tuned by Particles Surface Chemistry: Theoretical and Experimental Study. Journal of Physical Chemistry C, 2014, 118, 25245-25252.	3.1	25
5	Changes in Cryopreserved Cell Nuclei Serve as Indicators of Processes during Freezing and Thawing. Langmuir, 2019, 35, 7496-7508.	3.5	17
6	AFM Monitoring the Influence of Selected Cryoprotectants on Regeneration of Cryopreserved Cells Mechanical Properties. Frontiers in Physiology, 2018, 9, 804.	2.8	15
7	Cryopreserved Cells Regeneration Monitored by Atomic Force Microscopy and Correlated With State of Cytoskeleton and Nuclear Membrane. IEEE Transactions on Nanobioscience, 2018, 17, 485-497.	3.3	7
8	Simple Syntheses of New Pegylated Trehalose Derivatives as a Chemical Tool for Potential Evaluation of Cryoprotectant Effects on Cell Membrane. Molecules, 2020, 25, 497.	3.8	7