

Martin Golan

List of Publications by Year in descending order

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8
papers

188
citations

1478505

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1588992

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g-index

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docs citations

8
times ranked

337
citing authors

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