

Mordechai Deutsch

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

314
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel miniature cell retainer for correlative high-content analysis of individual untethered non-adherent cells. Lab on A Chip, 2006, 6, 995.	6.0	101
2	Tracing apoptosis and stimulation in individual cells by fluorescence intensity and anisotropy decay. Journal of Biomedical Optics, 2005, 10, 034007.	2.6	50
3	Influence of Fluorescence Anisotropy on Fluorescence Intensity and Lifetime Measurement: Theory, Simulations and Experiments. IEEE Transactions on Biomedical Engineering, 2006, 53, 1141-1152.	4.2	44
4	Speckle random coding for 2D super resolving fluorescent microscopic imaging. Micron, 2007, 38, 121-128.	2.2	40
5	Analysis of enzyme kinetics in individual living cells utilizing fluorescence intensity and polarization measurements. , 2000, 39, 36-44.		21
6	Indication that Intracellular Fluorescence Polarization of T Lymphocytes is Cell Cycle Dependent.. Cell Structure and Function, 1996, 21, 271-276.	1.1	13
7	Photobleaching of fluorescein as a probe for oxidative stress in single cells. Journal of Photochemistry and Photobiology B: Biology, 2014, 140, 306-314.	3.8	12
8	Nitric oxide is cytoprotective to breast cancer spheroids vulnerable to estrogen-induced apoptosis. Oncotarget, 2017, 8, 108890-108911.	1.8	9
9	Co-culture hydrogel micro-chamber array-based plate for anti-tumor drug development at single-element resolution. Toxicology in Vitro, 2021, 71, 105067.	2.4	7
10	Monitoring of effector and target cell stimulation during conjugation by fluorescence polarization. Biology of the Cell, 1997, 89, 443-452.	2.0	6
11	Discrimination of leukemic Jurkat cells from normal lymphocytes via novo label-free cytometry based on fluctuation of image gray values. European Biophysics Journal, 2019, 48, 267-275.	2.2	6
12	Real-time monitoring of changes in plasma membrane potential via imaging of fluorescence resonance energy transfer at individual cell resolution in suspension. Journal of Biomedical Optics, 2013, 18, 126010.	2.6	2
13	Analysis of Cancer Cell Invasion and Anti-metastatic Drug Screening Using Hydrogel Micro-chamber Array (HMCA)-based Plates. Journal of Visualized Experiments, 2018, , .	0.3	2
14	Fluorophore spectroscopy in aqueous glycerol solution: the interactions of glycerol with the fluorophore. Photochemical and Photobiological Sciences, 2021, 20, 1397-1418.	2.9	1