

Yu Sa

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

195
citations

1163117

8
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Discriminating Ramos and Jurkat Cells with Image Textures from Diffraction Imaging Flow Cytometry Based on a Support Vector Machine. <i>Current Bioinformatics</i> , 2018, 13, 50-56.	1.5	39
2	Analysis of cellular objects through diffraction images acquired by flow cytometry. <i>Optics Express</i> , 2013, 21, 24819.	3.4	33
3	Study of low speed flow cytometry for diffraction imaging with different chamber and nozzle designs. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 1027-1033.	1.5	19
4	A quantitative method for measurement of HL-60 cell apoptosis based on diffraction imaging flow cytometry technique. <i>Biomedical Optics Express</i> , 2014, 5, 2172.	2.9	17
5	Comparison study of distinguishing cancerous and normal prostate epithelial cells by confocal and polarization diffraction imaging. <i>Journal of Biomedical Optics</i> , 2015, 21, 071102.	2.6	17
6	Feasibility study of stain-free classification of cell apoptosis based on diffraction imaging flow cytometry and supervised machine learning techniques. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 290-298.	4.9	14
7	Graphene oxide as a substrate for Raman enhancement. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 109, 81-85.	2.3	13
8	A potential field segmentation based method for tumor segmentation on multi-parametric MRI of glioma cancer patients. <i>BMC Medical Imaging</i> , 2019, 19, 48.	2.7	11
9	Research Progress of Gliomas in Machine Learning. <i>Cells</i> , 2021, 10, 3169.	4.1	8
10	A novel automatic quantification method for high-content screening analysis of DNA double strand-break response. <i>Scientific Reports</i> , 2017, 7, 9581.	3.3	7
11	Identification of WHO II/III Gliomas by 16 Prognostic-related Gene Signatures using Machine Learning Methods. <i>Current Medicinal Chemistry</i> , 2022, 29, 1622-1639.	2.4	6
12	Deep Learning of Morphologic Correlations To Accurately Classify CD4+ and CD8+ T Cells by Diffraction Imaging Flow Cytometry. <i>Analytical Chemistry</i> , 2022, , .	6.5	4
13	Multi-Atlas Based Adaptive Active Contour Model with Application to Organs at Risk Segmentation in Brain MR Images. <i>Irbm</i> , 2020, , .	5.6	3
14	Original Research: Label-free detection for radiation-induced apoptosis in glioblastoma cells. <i>Experimental Biology and Medicine</i> , 2016, 241, 1751-1756.	2.4	1
15	Quantitative assessment of image motion blur in diffraction images of moving biological cells. <i>Optical Engineering</i> , 2016, 55, 023103.	1.0	1
16	Automatic quantitative analysis of morphology of apoptotic HL-60 cells. <i>EXCLI Journal</i> , 2014, 13, 19-27.	0.7	1
17	A new assessment model for tumor heterogeneity analysis with [18]F-FDG PET images. <i>EXCLI Journal</i> , 2016, 15, 75-84.	0.7	1
18	3D cell feature measurement with a diffraction imaging method. , 2012, , .		0