

Carlos Castro-González

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4063484/publications.pdf>

Version: 2024-02-01

12
papers

411
citations

1478505

6
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardized evaluation methodology and reference database for evaluating coronary artery centerline extraction algorithms. <i>Medical Image Analysis</i> , 2009, 13, 701-714.	11.6	295
2	A Digital Framework to Build, Visualize and Analyze a Gene Expression Atlas with Cellular Resolution in Zebrafish Early Embryogenesis. <i>PLoS Computational Biology</i> , 2014, 10, e1003670.	3.2	22
3	Visualization of blood cell contrast in nailfold capillaries with high-speed reverse lens mobile phone microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 2268.	2.9	21
4	Non-invasive detection of severe neutropenia in chemotherapy patients by optical imaging of nailfold microcirculation. <i>Scientific Reports</i> , 2018, 8, 5301.	3.3	19
5	3D+t Morphological Processing: Applications to Embryogenesis Image Analysis. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 3518-3530.	9.8	15
6	Quantification of Very Low Concentrations of Leukocyte Suspensions In Vitro by High-Frequency Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1568-1573.	1.5	8
7	Automated detection of neutropenia using noninvasive video microscopy of superficial capillaries. <i>American Journal of Hematology</i> , 2019, 94, E219-E222.	4.1	8
8	Analysis of white blood cell dynamics in nailfold capillaries. , 2015, 2015, 7470-3.		7
9	Scattering oblique plane microscopy for in-vivo blood cell imaging. <i>Biomedical Optics Express</i> , 2021, 12, 2575.	2.9	7
10	Assembling models of embryo development: Image analysis and the construction of digital atlases. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2012, 96, 109-120.	3.6	5
11	Towards a digital model of zebrafish embryogenesis. Integration of cell tracking and gene expression quantification. , 2010, 2010, 5520-3.		4
12	Measurement of very low concentration of microparticles in fluid by single particle detection using acoustic radiation force induced particle motion. , 2015, , .		0