

Kevin Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10681512/publications.pdf>

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19
papers

8,412
citations

623734

14
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

8864
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward robust mammography-based models for breast cancer risk. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	100
2	Comparison of a Deep Learning Risk Score and Standard Mammographic Density Score for Breast Cancer Risk Prediction. <i>Radiology</i> , 2020, 294, 265-272.	7.3	98
3	Decoupling Inherent Risk and Early Cancer Signs in Image-Based Breast Cancer Risk Models. <i>Lecture Notes in Computer Science</i> , 2020, , 230-240.	1.3	7
4	A Role for the VPS Retromer in <i>Brucella</i> Intracellular Replication Revealed by Genomewide siRNA Screening. <i>MSphere</i> , 2019, 4, .	2.9	11
5	Intelligent image-based in situ single-cell isolation. <i>Nature Communications</i> , 2018, 9, 226.	12.8	72
6	Digital image analysis in breast pathologyâ€”from image processing techniques to artificial intelligence. <i>Translational Research</i> , 2018, 194, 19-35.	5.0	203
7	Phenotypic Image Analysis Software Tools for Exploring and Understanding Big Image Data from Cell-Based Assays. <i>Cell Systems</i> , 2018, 6, 636-653.	6.2	74
8	Advanced Cell Classifier: User-Friendly Machine-Learning-Based Software for Discovering Phenotypes in High-Content Imaging Data. <i>Cell Systems</i> , 2017, 4, 651-655.e5.	6.2	77
9	Computer vision profiling of neurite outgrowth dynamics reveals spatiotemporal modularity of Rho GTPase signaling. <i>Journal of Cell Biology</i> , 2016, 212, 91-111.	5.2	17
10	Computer vision profiling of neurite outgrowth dynamics reveals spatiotemporal modularity of Rho GTPase signaling. <i>Journal of Experimental Medicine</i> , 2016, 213, 2131OIA128.	8.5	0
11	Learning Structured Models for Segmentation of 2-D and 3-D Imagery. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1096-1110.	8.9	27
12	CIDRE: an illumination-correction method for optical microscopy. <i>Nature Methods</i> , 2015, 12, 404-406.	19.0	129
13	Active Learning Strategies for Phenotypic Profiling of High-Content Screens. <i>Journal of Biomolecular Screening</i> , 2014, 19, 685-695.	2.6	32
14	SLIC Superpixels Compared to State-of-the-Art Superpixel Methods. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012, 34, 2274-2282.	13.9	7,142
15	Supervoxel-Based Segmentation of Mitochondria in EM Image Stacks With Learned Shape Features. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 474-486.	8.9	197
16	A Fully Automated Approach to Segmentation of Irregularly Shaped Cellular Structures in EM Images. <i>Lecture Notes in Computer Science</i> , 2010, 13, 463-471.	1.3	63
17	Fast Ray features for learning irregular shapes. , 2009, , .		40
18	Tracking the Visual Focus of Attention for a Varying Number of Wandering People. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2008, 30, 1212-1229.	13.9	99

#	ARTICLE	IF	CITATIONS
19	Tracking the multi person wandering visual focus of attention. , 2006, , .		24