

Kazuhiko Hamamoto

List of Publications by Year in descending order

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papers

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citations

840776

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g-index

41
all docs

41
docs citations

41
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Optic Disc Segmentation and Glaucoma Diagnosis on Retinal Images. Applied Sciences (Switzerland), 2020, 10, 4916.	2.5	88
2	Computer-Assisted Screening for Cervical Cancer Using Digital Image Processing of Pap Smear Images. Applied Sciences (Switzerland), 2020, 10, 1800.	2.5	58
3	Computer Aided Diagnosis System for Detection of Cancer Cells on Cytological Pleural Effusion Images. BioMed Research International, 2018, 2018, 1-21.	1.9	25
4	Robustness study of ECG biometric identification in heart rate variability conditions. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 294-301.	1.4	22
5	Hybrid Learning of Hand-Crafted and Deep-Activated Features Using Particle Swarm Optimization and Optimized Support Vector Machine for Tuberculosis Screening. Applied Sciences (Switzerland), 2020, 10, 5749.	2.5	20
6	Automatic Detection and Staging of Lung Tumors using Locational Features and Double-Stage Classifications. Applied Sciences (Switzerland), 2019, 9, 2329.	2.5	19
7	Design and Evaluation of Double-Stage Energy Harvesting Floor Tile. Sustainability, 2019, 11, 5582.	3.2	18
8	Comparative Study on Automated Cell Nuclei Segmentation Methods for Cytology Pleural Effusion Images. Journal of Healthcare Engineering, 2018, 2018, 1-14.	1.9	17
9	Deep Fusion Feature Extraction for Caries Detection on Dental Panoramic Radiographs. Applied Sciences (Switzerland), 2021, 11, 2005.	2.5	15
10	Automated Diabetic Retinopathy Screening System Using Hybrid Simulated Annealing and Ensemble Bagging Classifier. Applied Sciences (Switzerland), 2018, 8, 1198.	2.5	13
11	Detection and Classification of Overlapping Cell Nuclei in Cytology Effusion Images Using a Double-Strategy Random Forest. Applied Sciences (Switzerland), 2018, 8, 1608.	2.5	12
12	Patient-specific aided surgery approach of deviated nasal septum using computational fluid dynamics. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 274-286.	1.4	10
13	Automated microaneurysms detection in fundus images using image segmentation. , 2017, , .		10
14	Ensemble Deep Learning for the Detection of COVID-19 in Unbalanced Chest X-ray Dataset. Applied Sciences (Switzerland), 2021, 11, 10528.	2.5	9
15	Simulator sickness in immersive virtual environment. , 2012, , .		8
16	Automatic Detection of Pulmonary Nodules using Three-dimensional Chain Coding and Optimized Random Forest. Applied Sciences (Switzerland), 2020, 10, 2346.	2.5	8
17	Cotton wool spots detection in diabetic retinopathy based on adaptive thresholding and ant colony optimization coupling support vector machine. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 884-893.	1.4	7
18	Primary screening of diabetic retinopathy based on integrating morphological operation and support vector machine. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	Comparison of Sampling Methods for Imbalanced Data Classification in Random Forest. , 2018, , .		5
20	Suitable Supervised Machine Learning Techniques For Malignant Mesothelioma Diagnosis. , 2018, , .		5
21	Real time eye tracking using initial centroid and gradient analysis technique. , 2009, , .		4
22	An investigation on attenuation UCT with wave paths enhancement for breast ultrasound. IEEJ Transactions on Electrical and Electronic Engineering, 2012, 7, S105.	1.4	4
23	Artificial neural network based nuclei segmentation on cytology pleural effusion images. , 2017, , .		4
24	Classification of Cotton Wool Spots Using Principal Components Analysis and Support Vector Machine. , 2018, , .		4
25	A New Similarity Measure for Content-Based Image Retrieval Using the Multidimensional Generalization of the Wald-Wolfowitz Runs Test. , 2008, , .		3
26	Study on Image Quality for Medical Ultrasonic Echo Image Compression by Wavelet Transform. , 2008, , .		3
27	K mean clustering based automated segmentation of overlapping cell nuclei in pleural effusion cytology images. , 2017, , .		3
28	Automatic hemorrhages detection based on fundus images. , 2015, , .		2
29	Tooth Localization using YOLOv3 for Dental Diagnosis on Panoramic Radiographs. IEEJ Transactions on Electronics, Information and Systems, 2022, 142, 557-562.	0.2	2
30	A New Coarse-To-Fine Method for Computing Disparity Images by Sampling Disparity Spaces. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 103-111.	0.2	1
31	A New Content-Based Image Retrieval Using the Multidimensional Generalization of Wald-Wolfowitz Runs Test. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 94-102.	0.2	1
32	Automatic Detection of Mediastinal Lymph Nodes using 3D Convolutional Neural Network. , 2019, , .		1
33	Automatic Parameter Setting for Differential Volume Rendering. , 2008, , .		0
34	Investigation of two-probe excited circular ring antenna with square reflector. , 2011, , .		0
35	Guidelines for virtual simulator sickness experimentation. , 2012, , .		0
36	JGroovy: An alternative approach to implement extensible Java compiler. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, 380-386.	1.4	0

#	ARTICLE	IF	CITATIONS
37	Rectangular Ring Antenna Excited by Circular Disc Monopole for WiMAX System. International Journal of Antennas and Propagation, 2014, 2014, 1-7.	1.2	0
38	Virtual Sickness in Immersive Virtual Environment and Its Evaluation Method. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 540-543.	0.2	0
39	Study on Consistency for Shielding Problem of Objects in AR. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1483-1484.	0.2	0
40	An Approach to Design A Virtual Space to Support Knowledge Methodological Environment. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1897-1907.	0.2	0
41	Study on the Relationship Between VR Sickness and Trajectory of Fixation Point Using HMD. IEEJ Transactions on Electronics, Information and Systems, 2022, 142, 605-606.	0.2	0