# Kazuhiko Hamamoto

List of Publications by Year
in descending order

| | | |
|---|---|---|
| 41 papers | 406 citations | 840776 11 h-index | 794594 19 g-index |
| 41 all docs | 41 docs citations | 41 times ranked | 499 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | 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 |
| 2 | Tooth Localization using YOLOv3 for Dental Diagnosis on Panoramic Radiographs. IEEJ Transactions on Electronics, Information and Systems, 2022, 142, 557-562. | 0.2 | 2 |
| 3 | Deep Fusion Feature Extraction for Caries Detection on Dental Panoramic Radiographs. Applied Sciences (Switzerland), 2021, 11, 2005. | 2.5 | 15 |
| 4 | Ensemble Deep Learning for the Detection of COVID-19 in Unbalanced Chest X-ray Dataset. Applied Sciences (Switzerland), 2021, 11, 10528. | 2.5 | 9 |
| 5 | Deep Learning for Optic Disc Segmentation and Glaucoma Diagnosis on Retinal Images. Applied Sciences (Switzerland), 2020, 10, 4916. | 2.5 | 88 |
| 6 | 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 |
| 7 | Computer-Assisted Screening for Cervical Cancer Using Digital Image Processing of Pap Smear Images. Applied Sciences (Switzerland), 2020, 10, 1800. | 2.5 | 58 |
| 8 | Automatic Detection of Pulmonary Nodules using Three-dimensional Chain Coding and Optimized Random Forest. Applied Sciences (Switzerland), 2020, 10, 2346. | 2.5 | 8 |
| 9 | Design and Evaluation of Double-Stage Energy Harvesting Floor Tile. Sustainability, 2019, 11, 5582. | 3.2 | 18 |
| 10 | Automatic Detection and Staging of Lung Tumors using Locational Features and Double-Staged Classifications. Applied Sciences (Switzerland), 2019, 9, 2329. | 2.5 | 19 |
| 11 | 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 |
| 12 | Automatic Detection of Mediastinal Lymph Nodes using 3D Convolutional Neural Network. , 2019, , . | | 1 |
| 13 | Classification of Cotton Wool Spots Using Principal Components Analysis and Support Vector Machine. , 2018, , . | | 4 |
| 14 | Comparison of Sampling Methods for Imbalanced Data Classification in Random Forest. , 2018, , . | | 5 |
| 15 | Suitable Supervised Machine Learning Techniques For Malignant Mesothelioma Diagnosis. , 2018, , . | | 5 |
| 16 | Computer Aided Diagnosis System for Detection of Cancer Cells on Cytological Pleural Effusion Images. BioMed Research International, 2018, 2018, 1-21. | 1.9 | 25 |
| 17 | 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 |
| 18 | Comparative Study on Automated Cell Nuclei Segmentation Methods for Cytology Pleural Effusion Images. Journal of Healthcare Engineering, 2018, 2018, 1-14. | 1.9 | 17 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Automated Diabetic Retinopathy Screening System Using Hybrid Simulated Annealing and Ensemble Bagging Classifier. Applied Sciences (Switzerland), 2018, 8, 1198. | 2.5 | 13 |
| 20 | Automated microaneurysms detection in fundus images using image segmentation. , 2017, , . | | 10 |
| 21 | Primary screening of diabetic retinopathy based on integrating morphological operation and support vector machine. , 2017, , . | | 5 |
| 22 | K mean clustering based automated segmentation of overlapping cell nuclei in pleural effusion cytology images. , 2017, , . | | 3 |
| 23 | Artificial neural network based nuclei segmentation on cytology pleural effusion images. , 2017, , . | | 4 |
| 24 | Automatic hemorrhages detection based on fundus images. , 2015, , . | | 2 |
| 25 | Patientâ€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 |
| 26 | Rectangular Ring Antenna Excited by Circular Disc Monopole for WiMAX System. International Journal of Antennas and Propagation, 2014, 2014, 1-7. | 1.2 | 0 |
| 27 | 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 |
| 28 | Study on Consistency for Shielding Problem of Objects in AR. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1483-1484. | 0.2 | 0 |
| 29 | 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 |
| 30 | JGroovy: An alternative approach to implement extensible Java compiler. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, 380-386. | 1.4 | 0 |
| 31 | Virtual Sickness in Immersive Virtual Environment and Its Evaluation Method. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 540-543. | 0.2 | 0 |
| 32 | 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 |
| 33 | Guidelines for virtual simulator sickness experimentation. , 2012, , . | | 0 |
| 34 | Simulator sickness in immersive virtual environment. , 2012, , . | | 8 |
| 35 | Investigation of two-probe excited circular ring antenna with square reflector. , 2011, , . | | 0 |
| 36 | Real time eye tracking using initial centroid and gradient analysis technique. , 2009, , . | | 4 |

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|---|---------|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | A New Similarity Measure for Content-Based Image Retrieval Using the Multidimensional Generalization of the Wald-Wolfowitz Runs Test. , 2008, , . | | 3 |
| 40 | Study on Image Quality for Medical Ultrasonic Echo Image Compression by Wavelet Transform. , 2008, , . | | 3 |
| 41 | Automatic Parameter Setting for Differential Volume Rendering. , 2008, , . | | 0 |