

# Kien Nguyen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4055579/publications.pdf>

Version: 2024-02-01

41  
papers

1,110  
citations

623699

14  
h-index

642715

23  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1027  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Iris Recognition With Off-the-Shelf CNN Features: A Deep Learning Perspective. IEEE Access, 2018, 6, 18848-18855.  | 4.2  | 230       |
| 2  | Long range iris recognition: A survey. Pattern Recognition, 2017, 72, 123-143.   | 8.1  | 125       |
| 3  | Super-resolution for biometrics: A comprehensive survey. Pattern Recognition, 2018, 78, 23-42.   | 8.1  | 95        |
| 4  | Score-Level Multibiometric Fusion Based on Dempsterâ€“Shafer Theory Incorporating Uncertainty Factors. IEEE Transactions on Human-Machine Systems, 2015, 45, 132-140.  | 3.5  | 47        |
| 5  | Quality-Driven Super-Resolution for Less Constrained Iris Recognition at a Distance and on the Move. IEEE Transactions on Information Forensics and Security, 2011, 6, 1248-1258.  | 6.9  | 44        |
| 6  | Deep Spatio-Temporal Features for Multimodal Emotion Recognition. , 2017, , .  |      | 42        |
| 7  | Deep facial analysis: A new phase I epilepsy evaluation using computer vision. Epilepsy and Behavior, 2018, 82, 17-24.   | 1.7  | 41        |
| 8  | Automated analysis of seizure semiology and brain electrical activity in presurgery evaluation of epilepsy: A focused survey. Epilepsia, 2017, 58, 1817-1831.  | 5.1  | 39        |
| 9  | Combining multi-channel color space with local binary co-occurrence feature descriptors for accurate smoke detection from surveillance videos. Fire Safety Journal, 2018, 102, 1-10.   | 3.1  | 35        |
| 10 | Feature-domain super-resolution framework for Gabor-based face and iris recognition. , 2012, , .   |      | 32        |
| 11 | Improving deep convolutional neural networks with unsupervised feature learning. , 2015, , .   |      | 31        |
| 12 | Feature-domain super-resolution for iris recognition. Computer Vision and Image Understanding, 2013, 117, 1526-1535.   | 4.7  | 28        |
| 13 | Benchmarking HEp-2 specimen cells classification using linear discriminant analysis on higher order spectra features of cell shape. Pattern Recognition Letters, 2019, 125, 534-541.   | 4.2  | 25        |
| 14 | Fusing shrinking and expanding active contour models for robust iris segmentation. , 2010, , .   |      | 24        |
| 15 | A hierarchical multimodal system for motion analysis in patients withÂepilepsy. Epilepsy and Behavior, 2018, 87, 46-58.  | 1.7  | 24        |
| 16 | Understanding Patientsâ€™ Behavior: Vision-Based Analysis of Seizure Disorders. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2583-2591.  | 6.3  | 23        |
| 17 | Segmentation of White Blood Cell, Nucleus and Cytoplasm in Digital Haematology Microscope Images: A Reviewâ€“Challenges, Current and Future Potential Techniques. IEEE Reviews in Biomedical Engineering, 2021, 14, 290-306. | 18.0 | 23        |
| 18 | Deep Motion Analysis for Epileptic Seizure Classification. , 2018, 2018, 3578-3581.  |      | 19        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Multispectral Periocular Classification With Multimodal Compact Multi-Linear Pooling. IEEE Access, 2017, 5, 14572-14578.                                  | 4.2  | 17        |
| 20 | Aberrant epileptic seizure identification: A computer vision perspective. Seizure: the Journal of the British Epilepsy Association, 2019, 65, 65-71.      | 2.0  | 16        |
| 21 | Context from within: Hierarchical context modeling for semantic segmentation. Pattern Recognition, 2020, 105, 107358.                                     | 8.1  | 16        |
| 22 | Classification of White Blood Cells using Bispectral Invariant Features of Nuclei Shape. , 2018, , .  |      | 15        |
| 23 | Constrained Design of Deep Iris Networks. IEEE Transactions on Image Processing, 2020, 29, 7166-7175.   | 9.8  | 15        |
| 24 | Feature-domain super-resolution for iris recognition. , 2011, , .   |      | 14        |
| 25 | Complex-Valued Iris Recognition Network. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 182-196.                               | 13.9 | 14        |
| 26 | Focus-score weighted super-resolution for uncooperative iris recognition at a distance and on the move. , 2010, , .                                       |      | 13        |
| 27 | Robust mean super-resolution for less cooperative NIR iris recognition at a distance and on the move. , 2010, , .   |      | 12        |
| 28 | Elliptical Higher-Order-Spectra Periocular Code. IEEE Access, 2017, 5, 6978-6988.   | 4.2  | 9         |
| 29 | Classification of White Blood Cells Using L-Moments Invariant Features of Nuclei Shape. , 2018, , .   |      | 9         |
| 30 | Vision-Based Mouth Motion Analysis in Epilepsy: A 3D Perspective. , 2019, 2019, 1625-1629.  |      | 8         |
| 31 | Hierarchical fusion network for periocular and iris by neural network approximation and sparse autoencoder. Machine Vision and Applications, 2021, 32, 1. | 2.7  | 6         |
| 32 | Periocular recognition under expression variation using Higher Order Spectral features. , 2015, , .   |      | 4         |
| 33 | When AI meets store layout design: a review. Artificial Intelligence Review, 2022, 55, 5707-5729.   | 15.7 | 4         |
| 34 | Deep Context Modeling for Semantic Segmentation. , 2017, , .  |      | 3         |
| 35 | Semantic Segmentation Of Hands In Multimodal Images: A Region New-Based CNN Approach. , 2019, , .   |      | 2         |
| 36 | Sparse over-complete patch matching. Pattern Recognition Letters, 2019, 122, 1-6.   | 4.2  | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | HOS-FingerCode: Bispectral invariants based contactless multi-finger recognition system using ridge orientation and feature fusion. Expert Systems With Applications, 2022, 201, 117054. | 7.6 | 2         |
| 38 | Contactless Multiple Finger Segments based Identity Verification using Information Fusion from Higher Order Spectral Invariants. , 2018, , .   |     | 1         |
| 39 | Motion Signatures for the Analysis of Seizure Evolution in Epilepsy. , 2019, 2019, 2099-2105.  |     | 1         |
| 40 | Deeper and wider fully convolutional network coupled with conditional random fields for scene labeling. , 2016, , .  |     | 0         |
| 41 | Rotation and Scale Invariant Bispectral Feature based Recognition of Contactless Palmprints. , 2019, , .   |     | 0         |