

# Raimondo Schettini

## List of Publications by Year in descending order

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Version: 2024-02-01

196  
papers

5,165  
citations

136950

32  
h-index

118850

62  
g-index

204  
all docs

204  
docs citations

204  
times ranked

3568  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Structural similarity index (SSIM) revisited: A data-driven approach. Expert Systems With Applications, 2022, 189, 116087.  | 7.6  | 70        |
| 2  | Blind quality assessment of authentically distorted images. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, B1.        | 1.5  | 5         |
| 3  | Genetic programming for structural similarity design at multiple spatial scales. , 2022, , .  |      | 2         |
| 4  | A Genetic Algorithm to Combine Deep Features for the Aesthetic Assessment of Images Containing Faces. Sensors, 2021, 21, 1307.                                      | 3.8  | 6         |
| 5  | T1K+: A Database for Benchmarking Color Texture Classification and Retrieval Methods. Sensors, 2021, 21, 1010.  | 3.8  | 8         |
| 6  | No Reference, Opinion Unaware Image Quality Assessment by Anomaly Detection. Sensors, 2021, 21, 994.  | 3.8  | 7         |
| 7  | An Efficient Method for No-Reference Video Quality Assessment. Journal of Imaging, 2021, 7, 55.   | 3.0  | 8         |
| 8  | Illumination estimation challenge: The experience of the first 24 years. Color Research and Application, 2021, 46, 705-718.   | 1.6  | 3         |
| 9  | General Purpose Optimization Library (GPOL): A Flexible and Efficient Multi-Purpose Optimization Library in Python. Applied Sciences (Switzerland), 2021, 11, 4774. | 2.5  | 7         |
| 10 | Semi-supervised anomaly detection for visual quality inspection. Expert Systems With Applications, 2021, 183, 115275.   | 7.6  | 6         |
| 11 | Who Is in the Crowd? Deep Face Analysis for Crowd Understanding. Lecture Notes in Computer Science, 2021, , 487-494.  | 1.3  | 0         |
| 12 | Analyzing and Recognizing Food in Constrained and Unconstrained Environments. , 2021, , .   |      | 0         |
| 13 | A Smart Mirror for Emotion Monitoring in Home Environments. Sensors, 2021, 21, 7453.  | 3.8  | 7         |
| 14 | An analysis of spectral similarity measures. Color and Imaging Conference, 2021, 2021, 300-305.   | 0.2  | 2         |
| 15 | Neural architecture search for image saliency fusion. Information Fusion, 2020, 57, 89-101.   | 19.1 | 16        |
| 16 | No-Reference Quality Assessment of In-Capture Distorted Videos. Journal of Imaging, 2020, 6, 74.  | 3.0  | 13        |
| 17 | A Novel Approach to Data Augmentation for Pavement Distress Segmentation. Computers in Industry, 2020, 121, 103225.   | 9.9  | 29        |
| 18 | Benchmarking algorithms for food localization and semantic segmentation. International Journal of Machine Learning and Cybernetics, 2020, 11, 2827-2847.            | 3.6  | 25        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Deep Residual Autoencoder for Blind Universal JPEG Restoration. IEEE Access, 2020, 8, 63283-63294.                             | 4.2 | 19        |
| 20 | Multitask painting categorization by deep multibranch neural network. Expert Systems With Applications, 2019, 135, 90-101.     | 7.6 | 28        |
| 21 | Evaluation of Automatic Image Color Theme Extraction Methods. Lecture Notes in Computer Science, 2019, , 165-179.              | 1.3 | 3         |
| 22 | Learning Parametric Functions for Color Image Enhancement. Lecture Notes in Computer Science, 2019, , 209-220.                 | 1.3 | 14        |
| 23 | Evaluating CNN-Based Semantic Food Segmentation Across Illuminants. Lecture Notes in Computer Science, 2019, , 247-259.        | 1.3 | 12        |
| 24 | Spatial Sampling Network for Fast Scene Understanding. , 2019, , .   |     | 18        |
| 25 | CNN-Based Refactoring of Hand-Designed Filters for Texture Analysis: A Classic Revisited. IEEE Access, 2019, 7, 173076-173085. | 4.2 | 3         |
| 26 | A unifying representation for pixel-precise distance estimation. Multimedia Tools and Applications, 2019, 78, 13767-13786.     | 3.9 | 9         |
| 27 | Turning a Digital Camera into an Absolute 2D Telecolorimeter. Computer Graphics Forum, 2019, 38, 73-86.                        | 3.0 | 4         |
| 28 | Analyzing color harmony of food images. Color and Imaging Conference, 2019, 2019, 369-374.                                     | 0.2 | 1         |
| 29 | Autocropping: A Closer Look at Benchmark Datasets. Lecture Notes in Computer Science, 2019, , 315-325.                         | 1.3 | 1         |
| 30 | Unsupervised color coding for visualizing image classification results. Information Visualization, 2018, 17, 161-177.          | 1.9 | 3         |
| 31 | On the use of deep learning for blind image quality assessment. Signal, Image and Video Processing, 2018, 12, 355-362.         | 2.7 | 212       |
| 32 | Learning Illuminant Estimation from Object Recognition. , 2018, , .  |     | 9         |
| 33 | MLFood-WS: Recognizing food in the wild using Deep Learning. , 2018, , .   |     | 4         |
| 34 | Recognition of Edible Vegetables and Fruits for Smart Home Appliances. , 2018, , .   |     | 6         |
| 35 | A CNN Architecture for Efficient Semantic Segmentation of Street Scenes. , 2018, , .   |     | 10        |
| 36 | Semantic Food Segmentation for Automatic Dietary Monitoring. , 2018, , .   |     | 11        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | A Multi-Task CNN Framework for Driver Face Monitoring. , 2018, , .   |      | 19        |
| 38 | Fine-Grained Face Annotation Using Deep Multi-Task CNN. Sensors, 2018, 18, 2666.   | 3.8  | 7         |
| 39 | CNN-based features for retrieval and classification of food images. Computer Vision and Image Understanding, 2018, 176-177, 70-77.         | 4.7  | 81        |
| 40 | Aesthetics Assessment of Images Containing Faces. , 2018, , .  |      | 4         |
| 41 | Semantic segmentation of food images for automatic dietary monitoring. , 2018, , .   |      | 3         |
| 42 | Anomaly Detection in Nanofibrous Materials by CNN-Based Self-Similarity. Sensors, 2018, 18, 209.   | 3.8  | 194       |
| 43 | Combination of Video Change Detection Algorithms by Genetic Programming. IEEE Transactions on Evolutionary Computation, 2017, 21, 914-928. | 10.0 | 126       |
| 44 | Artistic Photo Filtering Recognition Using CNNs. Lecture Notes in Computer Science, 2017, , 249-258.                                       | 1.3  | 4         |
| 45 | Single and Multiple Illuminant Estimation Using Convolutional Neural Networks. IEEE Transactions on Image Processing, 2017, 26, 4347-4362. | 9.8  | 106       |
| 46 | Deep learning for logo recognition. Neurocomputing, 2017, 245, 23-30.  | 5.9  | 87        |
| 47 | Food Recognition: A New Dataset, Experiments, and Results. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 588-598.           | 6.3  | 164       |
| 48 | A Fully Convolutional Network for Salient Object Detection. Lecture Notes in Computer Science, 2017, , 82-92.                              | 1.3  | 1         |
| 49 | On the Importance of Domain Adaptation in Texture Classification. Lecture Notes in Computer Science, 2017, , 380-390.                      | 1.3  | 0         |
| 50 | Deep Multibranch Neural Network for Painting Categorization. Lecture Notes in Computer Science, 2017, , 414-423.                           | 1.3  | 9         |
| 51 | How Far Can You Get by Combining Change Detection Algorithms?. Lecture Notes in Computer Science, 2017, , 96-107.                          | 1.3  | 45        |
| 52 | On Comparing Color Spaces for Food Segmentation. Lecture Notes in Computer Science, 2017, , 435-443.                                       | 1.3  | 7         |
| 53 | Improving CNN-Based Texture Classification by Color Balancing. Journal of Imaging, 2017, 3, 33.  | 3.0  | 27        |
| 54 | Learning CNN-based Features for Retrieval of Food Images. Lecture Notes in Computer Science, 2017, , 426-434.                              | 1.3  | 40        |

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|----|---|-----|-----------|
| 55 | Artistic photo filter removal using convolutional neural networks. Journal of Electronic Imaging, 2017, 27, 1.  | 0.9 | 13        |
| 56 | Special Section Guest Editorial:Color in Texture and Material Recognition. Journal of Electronic Imaging, 2016, 25, 061401.   | 0.9 | 0         |
| 57 | Robust smile detection using convolutional neural networks. Journal of Electronic Imaging, 2016, 25, 063002.  | 0.9 | 19        |
| 58 | Evaluating color texture descriptors under large variations of controlled lighting conditions. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 17. | 1.5 | 51        |
| 59 | Combining multiple features for color texture classification. Journal of Electronic Imaging, 2016, 25, 061410.  | 0.9 | 26        |
| 60 | Predicting Image Aesthetics with Deep Learning. Lecture Notes in Computer Science, 2016, , 117-125.   | 1.3 | 25        |
| 61 | RGB-D-Î»: 3D Multispectral Acquisition with Stereo RGB Cameras. , 2016, , .   |     | 0         |
| 62 | Quality of Images. Data-centric Systems and Applications, 2016, , 113-135.  | 0.2 | 1         |
| 63 | Color constancy using CNNs. , 2015, , .   |     | 131       |
| 64 | Local detectors and compact descriptors for visual search: A quantitative comparison. , 2015, 44, 1-13.   |     | 31        |
| 65 | Remote Sensing Image Classification Exploiting Multiple Kernel Learning. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2331-2335.   | 3.1 | 17        |
| 66 | Adaptive Skin Classification Using Face and Body Detection. IEEE Transactions on Image Processing, 2015, 24, 4756-4765.   | 9.8 | 15        |
| 67 | Logo Recognition Using CNN Features. Lecture Notes in Computer Science, 2015, , 438-448.  | 1.3 | 32        |
| 68 | An interactive tool for manual, semi-automatic and automatic video annotation. Computer Vision and Image Understanding, 2015, 131, 88-99.   | 4.7 | 72        |
| 69 | Image orientation detection using LBP-based features and logistic regression. Multimedia Tools and Applications, 2015, 74, 3013-3034.   | 3.9 | 30        |
| 70 | Local Angular Patterns for Color Texture Classification. Lecture Notes in Computer Science, 2015, , 111-118.  | 1.3 | 7         |
| 71 | Food Recognition and Leftover Estimation for Daily Diet Monitoring. Lecture Notes in Computer Science, 2015, , 334-341.   | 1.3 | 29        |
| 72 | Computational Color Constancy. , 2015, , 5879-5886.   |     | 0         |

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|----|--|------|-----------|
| 73 | High-Level Features for Image Indexing and Retrieval. , 2015, , 5916-5925.   |      | 0         |
| 74 | How to assess image quality within a workflow chain: an overview. International Journal on Digital Libraries, 2014, 15, 1-25.  | 1.5  | 13        |
| 75 | Noisy images-JPEG compressed: subjective and objective image quality evaluation. Proceedings of SPIE, 2014, , .  | 0.8  | 7         |
| 76 | Scoring recognizability of faces for security applications. Proceedings of SPIE, 2014, , .   | 0.8  | 2         |
| 77 | Combining local binary patterns and local color contrast for texture classification under varying illumination. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1453. | 1.5  | 38        |
| 78 | Absolute colorimetric characterization of a DSLR camera. , 2014, , .   |      | 2         |
| 79 | No reference image quality classification for JPEG-distorted images. , 2014, 30, 86-100.   |      | 43        |
| 80 | Error-Tolerant Color Rendering for Digital Cameras. Journal of Mathematical Imaging and Vision, 2014, 50, 235-245.   | 1.3  | 9         |
| 81 | Adaptive Color Constancy Using Faces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 1505-1518.   | 13.9 | 46        |
| 82 | On the use of supervised features for unsupervised image categorization: An evaluation. Computer Vision and Image Understanding, 2014, 122, 155-171.   | 4.7  | 6         |
| 83 | Quantitative review of local descriptors for visual search. , 2013, , .  |      | 2         |
| 84 | Color correction pipeline optimization for digital cameras. Journal of Electronic Imaging, 2013, 22, 023014.   | 0.9  | 31        |
| 85 | A semi-automatic annotation tool for cooking video. Proceedings of SPIE, 2013, , .   | 0.8  | 2         |
| 86 | Cooking Action Recognition with iVAT: An Interactive Video Annotation Tool. Lecture Notes in Computer Science, 2013, , 631-641.  | 1.3  | 11        |
| 87 | Object detection using feature-based template matching. Proceedings of SPIE, 2013, , .   | 0.8  | 0         |
| 88 | Intensity and color descriptors for texture classification. Proceedings of SPIE, 2013, , .   | 0.8  | 12        |
| 89 | Grouping strategies to improve the correlation between subjective and objective image quality data. , 2013, , .  |      | 5         |
| 90 | On the Robustness of Color Texture Descriptors across Illuminants. Lecture Notes in Computer Science, 2013, , 652-662.   | 1.3  | 4         |

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|-----|---|-----|-----------|
| 91  | Computational Strategies for Skin Detection. Lecture Notes in Computer Science, 2013, , 199-211.  | 1.3 | 5         |
| 92  | Color space transformations for digital photography exploiting information about the illuminant estimation process. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 374. | 1.5 | 28        |
| 93  | Color transfer using semantic image annotation. Proceedings of SPIE, 2012, , .  | 0.8 | 3         |
| 94  | Searching through photographic databases with QuickLook. , 2012, , .  |     | 0         |
| 95  | A sharpness measure on automatically selected edge segments. , 2012, , .  |     | 2         |
| 96  | Bio-inspired framework for automatic image quality enhancement. Proceedings of SPIE, 2012, , .  | 0.8 | 0         |
| 97  | A no-reference metric for demosaicing artifacts that fits psycho-visual experiments. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .  | 1.7 | 3         |
| 98  | Sampling Optimization for Printer Characterization by Direct Search. IEEE Transactions on Image Processing, 2012, 21, 4868-4873.  | 9.8 | 4         |
| 99  | Browsing museum image collections on a multi-touch table. Information Systems, 2012, 37, 169-182.   | 3.6 | 31        |
| 100 | Face-Based Illuminant Estimation. Lecture Notes in Computer Science, 2012, , 623-626.   | 1.3 | 2         |
| 101 | Prosemantic Image Retrieval. Lecture Notes in Computer Science, 2012, , 643-646.  | 1.3 | 0         |
| 102 | UMB-DB: A database of partially occluded 3D faces. , 2011, , .  |     | 81        |
| 103 | Towards the design of low cost colorimetric imaging device. , 2011, , .   |     | 0         |
| 104 | Spatially organized visualization of image query results. Proceedings of SPIE, 2011, , .  | 0.8 | 0         |
| 105 | Adaptive contrast enhancement for underexposed images. , 2011, , .  |     | 0         |
| 106 | Halfway through the semantic gap: Prosemantic features for image retrieval. Information Sciences, 2011, 181, 4943-4958.   | 6.9 | 25        |
| 107 | Three-Dimensional Occlusion Detection and Restoration of Partially Occluded Faces. Journal of Mathematical Imaging and Vision, 2011, 40, 105-119.   | 1.3 | 37        |
| 108 | Automatic annotation of outdoor photographs. Proceedings of SPIE, 2011, , .   | 0.8 | 0         |

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|-----|--|-----|-----------|
| 109 | Image quality: a tool for no-reference assessment methods. Proceedings of SPIE, 2011, , .  | 0.8 | 2         |
| 110 | Prosemantic Features for Content-Based Image Retrieval. Lecture Notes in Computer Science, 2011, , 87-100.   | 1.3 | 3         |
| 111 | Image orientation detection using low-level features and faces. Proceedings of SPIE, 2010, , .   | 0.8 | 5         |
| 112 | No-reference metrics for JPEG: analysis and refinement using wavelets. Proceedings of SPIE, 2010, , .  | 0.8 | 0         |
| 113 | Emerging Methods for Color Image and Video Quality Enhancement. Eurasip Journal on Image and Video Processing, 2010, 2010, 1-2.                                    | 2.6 | 1         |
| 114 | Multiple image thumbnailing. , 2010, , .   |     | 2         |
| 115 | Automatic color constancy algorithm selection and combination. Pattern Recognition, 2010, 43, 695-705.   | 8.1 | 97        |
| 116 | Contrast image correction method. Journal of Electronic Imaging, 2010, 19, 023005.   | 0.9 | 55        |
| 117 | No-reference metrics for demosaicing. Proceedings of SPIE, 2010, , .   | 0.8 | 0         |
| 118 | Underwater Image Processing: State of the Art of Restoration and Image Enhancement Methods. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .        | 1.7 | 411       |
| 119 | Genetic Algorithms for Training Data and Polynomial Optimization in Colorimetric Characterization of Scanners. Lecture Notes in Computer Science, 2010, , 282-291. | 1.3 | 2         |
| 120 | A Review of Redeye Detection and Removal in Digital Images Through Patents. Recent Patents on Electrical Engineering, 2009, 2, 45-53.                              | 0.4 | 14        |
| 121 | Empirical modeling for colorimetric characterization of digital cameras. , 2009, , .   |     | 6         |
| 122 | Gappy PCA Classification for Occlusion Tolerant 3D Face Detection. Journal of Mathematical Imaging and Vision, 2009, 35, 193-207.                                  | 1.3 | 36        |
| 123 | Region-Based Illuminant Estimation for Effective Color Correction. Lecture Notes in Computer Science, 2009, , 43-52.   | 1.3 | 3         |
| 124 | On the Cooperative Creation of Multimedia Meaning. Lecture Notes in Computer Science, 2009, , 28-39.   | 1.3 | 1         |
| 125 | From Color Sensor Space to Feasible Reflectance Spectra. IEEE Transactions on Signal Processing, 2008, 56, 518-531.  | 5.3 | 14        |
| 126 | Improving Color Constancy Using Indoor-Outdoor Image Classification. IEEE Transactions on Image Processing, 2008, 17, 2381-2392.                                   | 9.8 | 112       |



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|-----|--|-----|-----------|
| 127 | Recognizing Faces In 3D Images Even In Presence Of Occlusions. , 2008, , .   |     | 9         |
| 128 | An Evolutionary Framework for Colorimetric Characterization of Scanners. Lecture Notes in Computer Science, 2008, , 245-254.                               | 1.3 | 3         |
| 129 | Smart Photo Sticking. Lecture Notes in Computer Science, 2008, , 211-223.  | 1.3 | 10        |
| 130 | Classification-Based Color Constancy. Lecture Notes in Computer Science, 2008, , 104-113.  | 1.3 | 7         |
| 131 | Combining Strategies for Automatic White Estimation in Real Images. , 2007, , .  |     | 2         |
| 132 | Face <sup>3</sup> a 2D+3D Robust Face Recognition System. , 2007, , .  |     | 7         |
| 133 | A New Method for RGB to XYZ Transformation Based on Pattern Search Optimization. IEEE Transactions on Consumer Electronics, 2007, 53, 1020-1028.           | 3.6 | 38        |
| 134 | Self-Adaptive Image Cropping for Small Displays. IEEE Transactions on Consumer Electronics, 2007, 53, 1622-1627.   | 3.6 | 70        |
| 135 | Content Aware Image Enhancement. Lecture Notes in Computer Science, 2007, , 686-697.   | 1.3 | 4         |
| 136 | Hierarchical Browsing of Video Key Frames. Lecture Notes in Computer Science, 2007, , 691-694.   | 1.3 | 0         |
| 137 | Semantic 3D Face Mesh Simplification for Transmission and Visualization. , 2006, , .   |     | 4         |
| 138 | Supervised And Unsupervised Classification Post-Processing for Visual Video Summaries. IEEE Transactions on Consumer Electronics, 2006, 52, 630-638.       | 3.6 | 16        |
| 139 | Skin segmentation using multiple thresholding. , 2006, 6061, 128.  |     | 46        |
| 140 | FaceLab: a tool for performance evaluation of face recognition strategies. , 2006, 6061, 280.  |     | 1         |
| 141 | Accounting for Inks Interaction in the Yule-Nielsen Spectral Neugebauer Model. Journal of Imaging Science and Technology, 2006, 50, 35.                    | 0.5 | 0         |
| 142 | Multidomain pixel analysis for illuminant estimation and compensation. , 2006, 6069, 115.  |     | 2         |
| 143 | 3D face detection using curvature analysis. Pattern Recognition, 2006, 39, 444-455.  | 8.1 | 249       |
| 144 | A computational strategy exploiting genetic algorithms to recover color surface reflectance functions. Neural Computing and Applications, 2006, 16, 69-79. | 5.6 | 9         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | An innovative algorithm for key frame extraction in video summarization. Journal of Real-Time Image Processing, 2006, 1, 69-88.   | 3.5 | 159       |
| 146 | Dynamic storyboards for video content summarization. , 2006, , .  |     | 8         |
| 147 | Detection and Restoration of Occlusions for 3D Face Recognition. , 2006, , .  |     | 26        |
| 148 | Using recovered reflectance to predict color. , 2005, , .   |     | 1         |
| 149 | <title>Tri-dimensional face detection and localization</title>. , 2005, , .   |     | 0         |
| 150 | <title>Dynamic key-frame extraction for video summarization</title>. , 2005, 5670, 137.   |     | 8         |
| 151 | An experience in multispectral mosaicing. , 2005, , .   |     | 0         |
| 152 | A recall or precision oriented skin classifier using binary combining strategies. Pattern Recognition, 2005, 38, 2204-2207.   | 8.1 | 7         |
| 153 | An affordable multispectral imaging system for the digital museum. International Journal on Digital Libraries, 2005, 5, 167-178.  | 1.5 | 25        |
| 154 | Spectral-based printer modeling and characterization. Journal of Electronic Imaging, 2005, 14, 023008.  | 0.9 | 2         |
| 155 | AUTOMATIC CLASSIFICATION OF DIGITAL PHOTOGRAPHS BASED ON DECISION FORESTS. International Journal of Pattern Recognition and Artificial Intelligence, 2004, 18, 819-845. | 1.2 | 30        |
| 156 | Color balancing of digital photos using simple image statistics. Pattern Recognition, 2004, 37, 1201-1217.  | 8.1 | 94        |
| 157 | <title>On the detection of pornographic digital images</title>. , 2003, , .   |     | 9         |
| 158 | <title>Image annotation using SVM</title>. , 2003, , .  |     | 148       |
| 159 | Retinex preprocessing of uncalibrated images for color-based image retrieval. Journal of Electronic Imaging, 2003, 12, 161.   | 0.9 | 22        |
| 160 | <title>Image retrieval using dynamic spatial chromatic histograms</title>. , 2003, , .  |     | 5         |
| 161 | A modular procedure for automatic red eye correction in digital photos. , 2003, , .   |     | 6         |
| 162 | Tunable cast remover for digital photographs. , 2003, , .   |     | 3         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Gamut boundary determination for a color printer using the Face Triangulation Method. , 2003, , .   |     | 4         |
| 164 | Reflectance function estimation from tristimulus values. , 2003, , .  |     | 6         |
| 165 | Using genetic algorithms for spectral-based printer characterization. , 2003, , .   |     | 1         |
| 166 | Selection of filters for multispectral acquisition using the filter vectors analysis method. , 2003, , .  |     | 4         |
| 167 | <title>Semantic labeling of digital photos by classification</title>. , 2003, , .   |     | 1         |
| 168 | Special Section on Internet Imaging. Journal of Electronic Imaging, 2002, 11, 421.  | 0.9 | 0         |
| 169 | A hierarchical classification strategy for digital documents. Pattern Recognition, 2002, 35, 1759-1769.   | 8.1 | 24        |
| 170 | A system for the automatic selection of conspicuous color sets for qualitative data display. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 2283-2286. | 6.3 | 5         |
| 171 | <title>Quicklook<sup>2</sup>: an integrated multimedia system with learning capabilities</title>. , 2001, , .   |     | 0         |
| 172 | <title>Multimedia search engine with relevance feedback</title>. , 2001, , .  |     | 5         |
| 173 | <title>Innovative method for spectral-based printer characterization</title>. , 2001, 4663, 1.  |     | 6         |
| 174 | Quicklook2: An Integrated Multimedia System. Journal of Visual Languages and Computing, 2001, 12, 81-103.   | 1.8 | 29        |
| 175 | Content-based similarity retrieval of trademarks using relevance feedback. Pattern Recognition, 2001, 34, 1639-1655.  | 8.1 | 35        |
| 176 | Approximating the CIECAM97s color appearance model by means of neural networks. Image and Vision Computing, 2001, 19, 691-697.  | 4.5 | 2         |
| 177 | Color-based image retrieval using spatial-chromatic histograms. Image and Vision Computing, 2001, 19, 979-986.  | 4.5 | 64        |
| 178 | <title>Innovative algorithm for cast detection</title>. , 2001, 4672, 280.  |     | 4         |
| 179 | <title>Prefiltering with Retinex in color image retrieval</title>. , 2000, , .  |     | 4         |
| 180 | <title>System for the automatic selection of conspicuous color sets for qualitative data display and visual interface design</title>. , 2000, , .                     |     | 1         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | <title>New classification strategy for color documents</title>. , 2000, 4311, 70.   |     | 0         |
| 182 | Faithful cross-media color matching using neural networks. Pattern Recognition, 1999, 32, 465-476.                                    | 8.1 | 3         |
| 183 | A relevance feedback mechanism for content-based image retrieval. Information Processing and Management, 1999, 35, 605-632.           | 8.6 | 74        |
| 184 | An algorithm for the selection of high-contrast color sets. Color Research and Application, 1999, 24, 132-138.                        | 1.6 | 15        |
| 185 | Quantitative evaluation of color image segmentation results. Pattern Recognition Letters, 1998, 19, 741-747.                          | 4.2 | 299       |
| 186 | <title>Retrieving similar color images</title>. , 1998, 3409, 339.  |     | 0         |
| 187 | Colorimetric calibration of color scanners by back-propagation. Pattern Recognition Letters, 1995, 16, 1051-1056.                     | 4.2 | 27        |
| 188 | Multicolored object recognition and location. Pattern Recognition Letters, 1994, 15, 1089-1097.                                       | 4.2 | 21        |
| 189 | Deriving Spectral, Reflectance Functions of Computer-Simulated Object Colours. Computer Graphics Forum, 1994, 13, 211-217.            | 3.0 | 7         |
| 190 | Fuzzy reasoning approach to similarity evaluation in image analysis. International Journal of Intelligent Systems, 1993, 8, 749-769.  | 5.7 | 38        |
| 191 | A segmentation algorithm for color images. Pattern Recognition Letters, 1993, 14, 499-506.  | 4.2 | 81        |
| 192 | Pictorial Editing by Shape Matching Techniques. Computer Graphics Forum, 1993, 12, 111-122.   | 3.0 | 1         |
| 193 | Color specification by visual interaction. Visual Computer, 1992, 9, 143-150.   | 3.5 | 7         |
| 194 | Image registration by recognition of corresponding structures. IEEE Transactions on Geoscience and Remote Sensing, 1990, 28, 305-314. | 6.3 | 70        |
| 195 | Knowledge-based contextual recognition and sieving of digital images. Pattern Recognition Letters, 1989, 10, 101-110.                 | 4.2 | 13        |
| 196 | Intangible Heritage Management and Multimodal Navigation. , 0, , 85-118.  |     | 6         |