

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

1,537  
citations

10  
h-index

16  
g-index

16  
ext. papers

2,063  
ext. citations

4.9  
avg, IF

5.1  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 16 | Deep learning for visual understanding: A review. <i>Neurocomputing</i> , <b>2016</b> , 187, 27-48  | 5.4  | 1072      |
| 15 | A review of semantic segmentation using deep neural networks. <i>International Journal of Multimedia Information Retrieval</i> , <b>2018</b> , 7, 87-93   | 2.4  | 220       |
| 14 | Learning Relaxed Deep Supervision for Better Edge Detection <b>2016</b> ,   |      | 52        |
| 13 | CNN-RNN: a large-scale hierarchical image classification framework. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 10251-10271  | 2.5  | 51        |
| 12 | A survey of traditional and deep learning-based feature descriptors for high dimensional data in computer vision. <i>International Journal of Multimedia Information Retrieval</i> , <b>2020</b> , 9, 135-170 | 2.4  | 31        |
| 11 | . <i>IEEE Transactions on Multimedia</i> , <b>2019</b> , 21, 2209-2222  | 6.6  | 22        |
| 10 | CycleMatch: A cycle-consistent embedding network for image-text matching. <i>Pattern Recognition</i> , <b>2019</b> , 93, 365-379  | 7.7  | 19        |
| 9  | DeepIndex for Accurate and Efficient Image Retrieval <b>2015</b> ,  |      | 19        |
| 8  | Fusion that matters: convolutional fusion networks for visual recognition. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 29407-29434   | 2.5  | 12        |
| 7  | Learning visual and textual representations for multimodal matching and classification. <i>Pattern Recognition</i> , <b>2018</b> , 84, 51-67  | 7.7  | 12        |
| 6  | On the Exploration of Convolutional Fusion Networks for Visual Recognition. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 277-289  | 0.9  | 10        |
| 5  | A Deep Multi-modal Explanation Model for Zero-shot Learning. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> ,   | 8.7  | 7         |
| 4  | Integrating information theory and adversarial learning for cross-modal retrieval. <i>Pattern Recognition</i> , <b>2021</b> , 117, 107983   | 7.7  | 4         |
| 3  | Multi-stage hybrid embedding fusion network for visual question answering. <i>Neurocomputing</i> , <b>2021</b> , 423, 541-550   | 5.4  | 3         |
| 2  | . <i>IEEE Transactions on Multimedia</i> , <b>2021</b> , 1-1  | 6.6  | 2         |
| 1  | Residual Tuning: Toward Novel Category Discovery Without Labels.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,  | 10.3 | 1         |