

# James W Davis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10850208/publications.pdf>

Version: 2024-02-01

35  
papers

1,612  
citations

840776

11  
h-index

888059

17  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1180  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Summarizing high-level scene behavior. Machine Vision and Applications, 2014, 25, 229-244.   | 2.7  | 4         |
| 2  | Temporally-Dependent Dirichlet Process Mixtures for Egocentric Video Segmentation. , 2014, , .   |      | 3         |
| 3  | Detecting behavioral zones in local and global camera views. Machine Vision and Applications, 2013, 24, 579-605.   | 2.7  | 4         |
| 4  | Object association across PTZ cameras using logistic MIL. , 2011, , .  |      | 5         |
| 5  | Recovery and Reasoning About Occlusions in 3D Using Few Cameras with Applications to 3D Tracking. International Journal of Computer Vision, 2011, 95, 240-264.       | 15.6 | 9         |
| 6  | Using Ripley's K-function to improve graph-based clustering techniques. , 2011, , .  |      | 3         |
| 7  | Learning Directed Intention-driven Activities using Co-Clustering. , 2010, , .   |      | 4         |
| 8  | Extracting Pathlets From Weak Tracking Data. , 2010, , .   |      | 4         |
| 9  | How panoramic visualization can support human supervision of intelligent surveillance. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 1136-1140. | 0.3  | 1         |
| 10 | Feature-Level Fusion for Object Segmentation Using Mutual Information. , 2009, , 295-320.  |      | 6         |
| 11 | A Fast Linear Registration Framework for Multi-camera GIS Coordination. , 2008, , .  |      | 9         |
| 12 | An Efficient Active Camera Model for Video Surveillance. , 2008, , .   |      | 6         |
| 13 | A Context-Based Tracker Switching Framework. , 2008, , .   |      | 3         |
| 14 | A recursive filter for linear systems on Riemannian manifolds. , 2008, , .   |      | 28        |
| 15 | Steepest Descent For Efficient Covariance Tracking. , 2008, , .  |      | 12        |
| 16 | 3D occlusion recovery using few cameras. , 2008, , .   |      | 6         |
| 17 | Kernel-Based 3D Tracking. , 2007, , .  |      | 17        |
| 18 | Integrating Appearance and Motion Cues for Simultaneous Detection and Segmentation of Pedestrians. , 2007, , .   |      | 26        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Simultaneous Detection and Segmentation of Pedestrians using Top-down and Bottom-up Processing. , 2007, , .  |      | 3         |
| 20 | Extraction of Person Silhouettes from Surveillance Imagery using MRFs. Proceedings IEEE Workshop on Applications of Computer Vision, 2007, , .               | 0.0  | 3         |
| 21 | Fusion of Multiple Camera Views for Kernel-Based 3D Tracking. , 2007, , .  |      | 19        |
| 22 | An adaptive focus-of-attention model for video surveillance and monitoring. Machine Vision and Applications, 2007, 18, 41-64.                                | 2.7  | 30        |
| 23 | Background-Subtraction in Thermal Imagery Using Contour Saliency. International Journal of Computer Vision, 2007, 71, 161-181.                               | 15.6 | 87        |
| 24 | Background-subtraction using contour-based fusion of thermal and visible imagery. Computer Vision and Image Understanding, 2007, 106, 162-182.               | 4.7  | 352       |
| 25 | Why direct LDA is not equivalent to LDA. Pattern Recognition, 2006, 39, 1002-1006.   | 8.1  | 40        |
| 26 | Minimal-latency human action recognition using reliable-inference. Image and Vision Computing, 2006, 24, 455-472.  | 4.5  | 51        |
| 27 | Multiview fusion for canonical view generation based on homography constraints. , 2006, , .  |      | 5         |
| 28 | Sampling Representative Examples for Dimensionality Reduction and Recognition â€œ Bootstrap Bumping LDA. Lecture Notes in Computer Science, 2006, , 275-287. | 1.3  | 1         |
| 29 | A Two-Stage Template Approach to Person Detection in Thermal Imagery. , 2005, , .  |      | 229       |
| 30 | An expressive three-mode principal components model for gender recognition. Journal of Vision, 2004, 4, 2-2.   | 0.3  | 36        |
| 31 | An expressive three-mode principal components model of human action style. Image and Vision Computing, 2003, 21, 1001-1016.                                  | 4.5  | 18        |
| 32 | Motion segmentation and pose recognition with motion history gradients. Machine Vision and Applications, 2002, 13, 174-184.                                  | 2.7  | 245       |
| 33 | Visual Categorization of Children and Adult Walking Styles. Lecture Notes in Computer Science, 2001, , 295-300.  | 1.3  | 48        |
| 34 | Perceptual user interfaces: the KidsRoom. Communications of the ACM, 2000, 43, 60-61.  | 4.5  | 75        |
| 35 | The KidsRoom: A Perceptually-Based Interactive and Immersive Story Environment. Presence: Teleoperators and Virtual Environments, 1999, 8, 369-393.          | 0.6  | 220       |