

| Cites | Authors | Title | Year | Source |
|-------|---|---|------|---|
| 599 | JL Starck, F Murtagh... | Image processing and data analysis: the multiscale approach | 1998 | |
| 396 | F Murtagh | A survey of recent advances in hierarchical clustering algorithm | 1983 | The Computer Journal |
| 327 | F Murtagh... | Multivariate data analysis with Fortran, C and Java code | 1987 | |
| 244 | JL Starck, F Murtagh, EJ Candes... | Gray and color image contrast enhancement by the curvelet tra | 2003 | ..., IEEE Transactions on |
| 238 | F Murtagh | Multidimensional clustering algorithms | 1985 | Compstat Lectures, Vienna: Physika Verlag, 1985 |
| 203 | ..., G Jogesh Babu, F Murtagh... | Three types of gamma-ray bursts | 1998 | The Astrophysical ... |
| 191 | F Murtagh, JL Starck | Astronomical image and data analysis | 2006 | |
| 158 | F Murtagh | Deconvolution in astronomy: A review | 2002 | Publications of the Astronomical Society of the Pacific |
| 152 | JL Starck, F Murtagh | Image restoration with noise suppression using the wavelet tra | 1994 | Astronomy and Astrophysics |
| 140 | F Tao, F Murtagh... | Weighted Association Rule Mining using weighted support and | 2003 | Proceedings of the ninth ACM SIGKDD ... |
| 99 | F Murtagh | Interpreting the Kohonen self-organizing feature map using cor | 1995 | Pattern Recognition Letters |
| 92 | F Murtagh | Correspondence analysis and data coding with Java and R | 2005 | |
| 91 | ..., MK Nguyen, F Murtagh | Wavelets and curvelets for image deconvolution: a combined a | 2003 | Signal Processing |
| 88 | A Aussem, F Murtagh | Combining neural network forecasts on wavelet-transformed ti | 1997 | Connection Science |
| 87 | ..., JL Starck, F Murtagh | Inpainting and zooming using sparse representations | 2009 | The Computer Journal |
| 87 | F Murtagh, JL Starck... | Image restoration with noise suppression using a multiresolutic | 1995 | Astronomy and Astrophysics ... |
| 85 | F Murtagh... | Fitting straight lines to point patterns | 1984 | Pattern recognition |
| 84 | JG Campbell, C Fraley, F Murtagh... | Linear flaw detection in woven textiles using model-based clust | 1997 | Pattern Recognition Letters |
| 80 | ..., J Campbell, F Murtagh | Wavelet-based feature extraction and decomposition strategie | 1998 | ... Intelligence in Finance |
| 73 | F Murtagh, M Hernández-Pajares | The Kohonen self-organizing map method: an assessment | 1995 | Journal of Classification |
| 73 | ..., J Fadili, F Murtagh | The undecimated wavelet decomposition and its reconstruction | 2007 | Image Processing, IEEE ... |
| 69 | ..., JL Starck, F Murtagh | Restauration des images multi-échelles par l'algorithmes trous | 1994 | Traitement du signal |
| 68 | F Murtagh | A survey of algorithms for contiguity-constrained clustering anc | 1985 | The computer journal |
| 65 | ..., JG Doyle, B Fleck, F Murtagh | Active region oscillations | 2001 | Astronomy and ... |
| 65 | F Murtagh | Complexities of hierarchic clustering algorithms: state of the ar | 1984 | Computational Statistics Quarterly |
| 62 | ..., JL Starck, F Murtagh | Wavelet-based combined signal filtering and prediction | 2005 | Systems, Man, and ... |
| 61 | JL Starck, F Murtagh | Automatic noise estimation from the multiresolution support | 1998 | ... of the Astronomical Society of the ... |
| 55 | F Murtagh | On ultrametricity, data coding, and computation | 2004 | Journal of classification |
| 54 | ..., D Bell, F Murtagh | Axiomatic approach to feature subset selection based on releva | 1999 | Pattern Analysis and Machine ... |
| 50 | JL Starck, F Murtagh... | A new entropy measure based on the wavelet transform and n | 1998 | Circuits and Systems II: ... |
| 50 | ..., JL Starck, F Murtagh | Prediction based on a multiscale decomposition | 2003 | International Journal of Wavelets ... |
| 47 | ..., F Murtagh | Clustering of XML documents | 2000 | Computer Physics Communications |
| 46 | JL Starck, F Murtagh, B Pirenne... | Astronomical image compression based on noise suppression | 1996 | Publications of the ... |
| 45 | F Murtagh | Counting dendrograms: a survey | 1984 | Discrete Applied Mathematics |
| 44 | A Aussem, F Murtagh... | Dynamical Recurrent Neural Networks: Towards Environmenta | 1995 | International Journal of Neural ... |
| 40 | F Murtagh | A new approach to point-pattern matching | 1992 | Publications of the Astronomical Society of the ... |
| 38 | F Murtagh, JL Starck... | On neuro-wavelet modeling | 2004 | Decision Support Systems |
| 37 | JL Starck, F Murtagh | Multiscale entropy filtering | 1999 | Signal Processing |
| 37 | F Murtagh, JL Starck... | Overcoming the curse of dimensionality in clustering by means | 2000 | The Computer Journal |
| 37 | JL Starck, F Murtagh... | Sparse image and signal processing: wavelets, curvelets, morph | 2010 | |
| 36 | ..., F Murtagh, P Querre, F Bonnarel | Entropy and astronomical data analysis: Perspectives from mul | 2001 | Astronomy and ... |
| 35 | F Murtagh | Comments on Parallel algorithms for hierarchical clustering anc | 1992 | IEEE Transactions on Pattern Analysis and Machine ... |
| 35 | ..., S Lesteven, F Murtagh | A spatial user interface to the astronomical literature | 1998 | Astronomy and Astrophysics ... |
| 33 | ..., JL Starck, JG Campbell, F Murtagh | Multiscale transforms for filtering financial data streams | 1999 | Journal of Computational Intelligence ... |
| 33 | ..., PT Gallagher, FP Keenan, F Murtagh | Eclipse observations of high-frequency oscillations in active reg | 2003 | Arxiv preprint astro-ph/ ... |