

# Rs Anand

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11463374/publications.pdf>

Version: 2024-02-01

26  
papers

380  
citations

1306789

7  
h-index

1199166

12  
g-index

26  
all docs

26  
docs citations

26  
times ranked

418  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Nonsampled shearlet based CT and MR medical image fusion using biologically inspired spiking neural network. Biomedical Signal Processing and Control, 2015, 18, 91-101.   | 3.5 | 124       |
| 2  | Image quality based comparative evaluation of wavelet filters in ultrasound speckle reduction. , 2005, 15, 455-465.  |     | 49        |
| 3  | Multiresolution local binary pattern variants based texture feature extraction techniques for efficient classification of microscopic images of hardwood species. Applied Soft Computing Journal, 2015, 32, 101-112. | 4.1 | 41        |
| 4  | Ripplet domain fusion approach for CT and MR medical image information. Biomedical Signal Processing and Control, 2018, 46, 281-292.   | 3.5 | 31        |
| 5  | Ripplet domain non-linear filtering for speckle reduction in ultrasound medical images. Biomedical Signal Processing and Control, 2014, 10, 79-91.   | 3.5 | 24        |
| 6  | Despeckling of ultrasound medical images using nonlinear adaptive anisotropic diffusion in nonsampled shearlet domain. Biomedical Signal Processing and Control, 2014, 14, 55-65.                                    | 3.5 | 22        |
| 7  | Multi - Class welding flaws classification using texture feature for radiographic images. , 2014, , .  |     | 15        |
| 8  | Texture based classification of the severity of mitral regurgitation. Computers in Biology and Medicine, 2016, 73, 157-164.  | 3.9 | 14        |
| 9  | Context based medical image compression with application to ultrasound images. , 2008, , .   |     | 10        |
| 10 | Despeckling of ultrasound images of bone fracture using M-band ridgelet transform. Optik, 2014, 125, 1417-1422.  | 1.4 | 9         |
| 11 | Ant colony system based unit commitment problem with Gaussian load distribution. , 2006, , .   |     | 8         |
| 12 | Fast adaptive learning algorithm for sub-band adaptive thresholding function in image denoising. International Journal of Computational Intelligence Studies, 2010, 1, 227.  | 0.3 | 8         |
| 13 | A study into the applicability of p+n+ (universal contact) to power semiconductor diodes for faster reverse recovery. Solid-State Electronics, 2003, 47, 83-91.  | 0.8 | 4         |
| 14 | Prediction of flaw response in polycrystalline metals for an ultrasonic pulse echo simulation using Born approximation. Nondestructive Testing and Evaluation, 2009, 24, 289-300.                                    | 1.1 | 4         |
| 15 | Enhancement of Medical Ultrasound Images Using Multiscale Discrete Shearlet Transform Based Thresholding. , 2012, , .  |     | 4         |
| 16 | An Improved Method for Designing Prototype Filter for M-Band Pseudo QMF Banks. , 2009, , .   |     | 3         |
| 17 | Comparison of separation performance of independent component analysis algorithms for fMRI data. Journal of Integrative Neuroscience, 2018, 16, 157-175.   | 0.8 | 3         |
| 18 | The effect of spatially distributed electron and hole blocking layers on the characteristics of OLEDs. , 2007, , .   |     | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Efficient and reliable detection of QRS-segment in ECG signals. , 0, , .   |     | 1         |
| 20 | A novel method for detection and quantification of incomplete penetration type flaws in weldments. Journal of X-Ray Science and Technology, 2011, 19, 261-274. | 0.7 | 1         |
| 21 | Overview of the performance of fast ICA and DUET for blind source separation of multiple speakers. , 2015, , .   |     | 1         |
| 22 | Speech Recognition Using Probabilistic and Statistical Models. , 2015, , .   |     | 1         |
| 23 | Speech Recognition Using Supervised and Unsupervised Learning Techniques. , 2015, , .  |     | 1         |
| 24 | Study of improved reverse recovery in power transistor incorporating universal contact. Solid-State Electronics, 2004, 48, 655-667.                            | 0.8 | 0         |
| 25 | Comparative evaluation of transform domain speech compression techniques. , 2012, , .  |     | 0         |
| 26 | Segmentation of Brain Lesions in MR Images. , 2018, , .  |     | 0         |