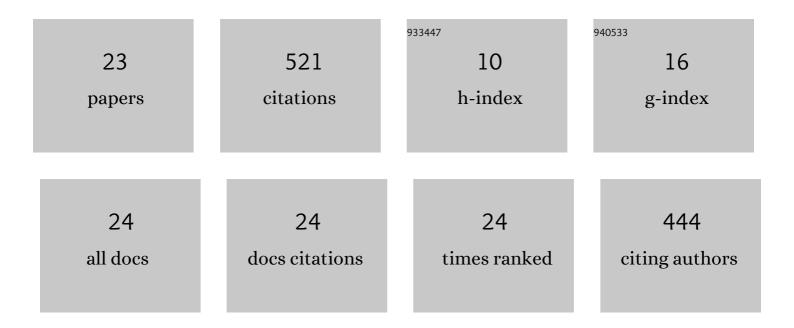
Oliver Wirjadi

List of Publications by Year in descending order

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| # | Article | lF | CITATIONS |
|----|---|-----|-----------|
| 1 | Multiple-image radiography. Physics in Medicine and Biology, 2003, 48, 3875-3895. | 3.0 | 219 |
| 2 | An Optimal Nonorthogonal Separation of the Anisotropic Gaussian Convolution Filter. IEEE Transactions on Image Processing, 2006, 15, 3501-3513. | 9.8 | 36 |
| 3 | Numerical prediction of the stiffness and strength of medium density fiberboards. Mechanics of Materials, 2014, 79, 73-84. | 3.2 | 34 |
| 4 | Beyond imaging: on the quantitative analysis of tomographic volume data. International Journal of Materials Research, 2012, 103, 217-227. | 0.3 | 28 |
| 5 | ESTIMATING FIBRE DIRECTION DISTRIBUTIONS OF REINFORCED COMPOSITES FROM TOMOGRAPHIC IMAGES. Image Analysis and Stereology, 2016, 35, 167. | 0.9 | 28 |
| 6 | Characterization of multilayer structures in fiber reinforced polymer employing synchrotron and laboratory X-ray CT. International Journal of Materials Research, 2014, 105, 645-654. | 0.3 | 25 |
| 7 | Non-destructive characterization of fiber orientation in reinforced SMC as input for simulation based design. Composite Structures, 2017, 160, 195-203. | 5.8 | 23 |
| 8 | Fiber Orientation Estimation from 3D Image Data: Practical Algorithms, Visualization, and Interpretation. , 2007, , . | | 22 |
| 9 | Modeling of Ceramic Foams for Filtration Simulation. Advanced Engineering Materials, 2011, 13, 171-177. | 3.5 | 20 |
| 10 | Anisotropic Gaussian Filtering using Fixed Point Arithmetic. , 2006, , . | | 15 |
| 11 | Estimation of the probability of finite percolation in porous microstructures from tomographic images. International Journal of Materials Research, 2012, 103, 184-191. | 0.3 | 14 |
| 12 | Fiber Orientation Estimation from 3D Image Data: Practical Algorithms, Visualization, and Interpretation. , 2007, , . | | 11 |
| 13 | Estimation of fiber orientation and fiber bundles of MDF. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4003-4012. | 3.1 | 10 |
| 14 | Gaussian curvature using fundamental forms for binary voxel data. Graphical Models, 2015, 82, 123-136. | 2.4 | 9 |
| 15 | Image analysis for microstructures based on stochastic models. GAMM Mitteilungen, 2014, 37, 281-305. | 5.5 | 8 |
| 16 | Empirical Comparison of Curvature Estimators on Volume Images and Triangle Meshes. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 3032-3041. | 4.4 | 6 |
| 17 | A BRANCH AND BOUND ALGORITHM FOR FINDING THE MODES IN KERNEL DENSITY ESTIMATES. International Journal of Computational Intelligence and Applications, 2009, 08, 17-35. | 0.8 | 4 |
| 18 | Microstructural analysis of a C/SiC ceramic based on the segmentation of X-ray phase contrast tomographic data. International Journal of Materials Research, 2014, 105, 702-708. | 0.3 | 3 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Spatial Statistics for Tumor Cell Counting and Classification. Lecture Notes in Computer Science, 2009, , 492-501. | 1.3 | 2 |
| 20 | Geometric and Mechanical Modeling of Fiber-Reinforced Composites. , 2014, , 35-40. | | 2 |
| 21 | Global Modes in Kernel Density Estimation: RAST Clustering. , 2007, , . | | Ο |
| 22 | Global Modes in Kernel Density Estimation: RAST Clustering. , 2007, , . | | 0 |
| 23 | Endpoint Detection of Partially Overlapping Straight Fibers using High Positive Gaussian Curvature in 3D images. Image Analysis and Stereology, 0, , . | 0.9 | 0 |