# Ales Neubert

List of Publications by Year
in descending order



| 17 | 333 | 1163117 8 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 18 | 18 | 18 | 528 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Automated analysis of immediate reliability of T2 and T2* relaxation times of hip joint cartilage from 3ÂT MR examinations. Magnetic Resonance Imaging, 2021, 82, 42-54. | 1.8 | 1 |
| 2 | Local contrastâ€enhanced <scp>MR</scp> images via high dynamic range processing. Magnetic Resonance in Medicine, 2018, 80, 1206-1218. | 3.0 | 2 |
| 3 | A lightweight rapid application development framework for biomedical image analysis. Computer Methods and Programs in Biomedicine, 2018, 164, 193-205. | 4.7 | 12 |
| 4 | Comparison of 3D bone models of the knee joint derived from CT and 3T MR imaging. European Journal of Radiology, 2017, 93, 178-184. | 2.6 | 29 |
| 5 | Evaluation and comparison of 3D intervertebral disc localization and segmentation methods for 3D T2 MR data: A grand challenge. Medical Image Analysis, 2017, 35, 327-344. | 11.6 | 59 |
| 6 | Incremental shape learning of 3D surfaces of the knee, data from the osteoarthritis initiative. , 2016, , . | | 0 |
| 7 | Automatic segmentation of the glenohumeral cartilages from magnetic resonance images. Medical Physics, 2016, 43, 5370-5379. | 3.0 | 8 |
| 8 | Automated Intervertebral Disc Segmentation Using Probabilistic Shape Estimation and Active Shape Models. Lecture Notes in Computer Science, 2016, , 150-158. | 1.3 | 0 |
| 9 | Automatic bone segmentation and bone-cartilage interface extraction for the shoulder joint from magnetic resonance images. Physics in Medicine and Biology, 2015, 60, 1441-1459. | 3.0 | 19 |
| 10 | Statistical shape model reconstruction with sparse anomalous deformations: Application to intervertebral disc herniation. Computerized Medical Imaging and Graphics, 2015, 46, 11-19. | 5.8 | 4 |
| 11 | Automated segmentation and analysis of normal and osteoarthritic knee menisci from magnetic resonance images â€“ data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2014, 22, 1259-1270. | 1.3 | 37 |
| 12 | Validity and reliability of computerized measurement of lumbar intervertebral disc height and volume from magnetic resonance images. Spine Journal, 2014, 14, 2773-2781. | 1.3 | 20 |
| 13 | Three-dimensional morphological and signal intensity features for detection of intervertebral disc degeneration from magnetic resonance images. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 1082-1090. | 4.4 | 28 |
| 14 | Morphology-Based Interslice Interpolation on Manual Segmentations of Joint Bones and Muscles in MRI. , 2012, , . | | 1 |
| 15 | Automated detection, 3D segmentation and analysis of high resolution spine MR images using statistical shape models. Physics in Medicine and Biology, 2012, 57, 8357-8376. | 3.0 | 90 |
| 16 | Constrained reverse diffusion for thick slice interpolation of 3D volumetric MRI images. Computerized Medical Imaging and Graphics, 2012, 36, 130-138. | 5.8 | 6 |
| 17 | Automated 3D Segmentation of Vertebral Bodies and Intervertebral Discs from MRI. , 2011, , . | | 16 |