

Alexander Hans Vija

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

570
citations

1040056

9
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

524
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | ROC study and SUV threshold using quantitative multi-modal SPECT for bone imaging. European Journal of Hybrid Imaging, 2019, 3, 10. | 1.5 | 15 |
| 2 | IQÂ-SPECT technology and its clinical applications using multicenter normal databases. Annals of Nuclear Medicine, 2017, 31, 649-659. | 2.2 | 20 |
| 3 | Fully Automated Data-Driven Respiratory Signal Extraction From SPECT Images Using Laplacian Eigenmaps. IEEE Transactions on Medical Imaging, 2016, 35, 2425-2435. | 8.9 | 31 |
| 4 | Dose reduction in half-time myocardial perfusion SPECT-CT with multifocal collimation. Journal of Nuclear Cardiology, 2016, 23, 657-667. | 2.1 | 26 |
| 5 | Data-driven respiratory signal extraction for SPECT imaging using Laplacian Eigenmaps. , 2015, , . | | 4 |
| 6 | Evaluation of quantitation accuracy for xSPECT. , 2015, , . | | 9 |
| 7 | Beyond current guidelines: reduction in minimum administered radiopharmaceutical activity with preserved diagnostic image quality in pediatric hepatobiliary scintigraphy. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2346-2353. | 6.4 | 7 |
| 8 | Comparison of multi modal SPECT reconstruction methods using a clinically relevant assessment of the image resolution at various noise levels. , 2014, , . | | 5 |
| 9 | Quantification of ^{99m} Tc-DPD concentration in the lumbar spine with SPECT/CT. EJNMMI Research, 2013, 3, 45. | 2.5 | 92 |
| 10 | Reduction in Radiation Dose in Mercaptoacetyl triglycerine Renography with Enhanced Planar Processing. Radiology, 2011, 261, 907-915. | 7.3 | 27 |
| 11 | Pediatric ^{99m} Tc-MDP Bone SPECT with Ordered Subset Expectation Maximization Iterative Reconstruction with Isotropic 3D Resolution Recovery. Radiology, 2010, 257, 793-801. | 7.3 | 43 |
| 12 | Quantitative Accuracy of Clinical ^{99m} Tc SPECT/CT Using Ordered-Subset Expectation Maximization with 3-Dimensional Resolution Recovery, Attenuation, and Scatter Correction. Journal of Nuclear Medicine, 2010, 51, 921-928. | 5.0 | 220 |
| 13 | Pediatric ^{99m} Tc-DMSA SPECT Performed by Using Iterative Reconstruction with Isotropic Resolution Recovery: Improved Image Quality and Reduced Radiopharmaceutical Activity. Radiology, 2009, 251, 511-516. | 7.3 | 45 |
| 14 | Development of a database driven statistical quality control framework for medical imaging systems. , 2008, , . | | 0 |
| 15 | Estimation accuracy of ejection fraction in gated cardiac SPECT/CT imaging using iterative reconstruction with 3D resolution recovery in rapid acquisition Protocols. , 2007, , . | | 3 |
| 16 | Quantifying the Effects of Acquisition Parameters in Cardiac SPECT Imaging and Comparison with Visual Observers. , 2006, , . | | 4 |
| 17 | Development of Rapid SPECT Acquisition Protocol for Myocardial Perfusion Imaging. , 2006, , . | | 9 |
| 18 | Enhanced Feature Extraction in Planar Nuclear Medicine Using Pixon _{1/2} Minimum-Complexity Image Processing. , 2006, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Statistically based spatially adaptive noise reduction of planar nuclear studies. , 2005, , . | | 9 |