

Alexander Hans Vija

List of Publications by Year in descending order

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19
papers

570
citations

1040056

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h-index

1372567

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g-index

19
all docs

19
docs citations

19
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Quantification of ^{99m} Tc-DPD concentration in the lumbar spine with SPECT/CT. EJNMMI Research, 2013, 3, 45.	2.5	92
3	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
4	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
5	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
6	Reduction in Radiation Dose in Mercaptoacetyl triglycerine Renography with Enhanced Planar Processing. Radiology, 2011, 261, 907-915.	7.3	27
7	Dose reduction in half-time myocardial perfusion SPECT-CT with multifocal collimation. Journal of Nuclear Cardiology, 2016, 23, 657-667.	2.1	26
8	IQ-SPECT technology and its clinical applications using multicenter normal databases. Annals of Nuclear Medicine, 2017, 31, 649-659.	2.2	20
9	ROC study and SUV threshold using quantitative multi-modal SPECT for bone imaging. European Journal of Hybrid Imaging, 2019, 3, 10.	1.5	15
10	Statistically based spatially adaptive noise reduction of planar nuclear studies. , 2005, , .		9
11	Development of Rapid SPECT Acquisition Protocol for Myocardial Perfusion Imaging. , 2006, , .		9
12	Evaluation of quantitation accuracy for xSPECT. , 2015, , .		9
13	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
14	Comparison of multi modal SPECT reconstruction methods using a clinically relevant assessment of the image resolution at various noise levels. , 2014, , .		5
15	Quantifying the Effects of Acquisition Parameters in Cardiac SPECT Imaging and Comparison with Visual Observers. , 2006, , .		4
16	Data-driven respiratory signal extraction for SPECT imaging using Laplacian Eigenmaps. , 2015, , .		4
17	Estimation accuracy of ejection fraction in gated cardiac SPECT/CT imaging using iterative reconstruction with 3D resolution recovery in rapid acquisition Protocols. , 2007, , .		3
18	Enhanced Feature Extraction in Planar Nuclear Medicine Using Pixon's 1/2 Minimum-Complexity Image Processing. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
19	Development of a database driven statistical quality control framework for medical imaging systems. , 2008, , .		0