

# Craig S Levin

## List of Publications by Year in descending order

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176  
papers

3,364  
citations

172457  
29  
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161849  
54  
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176  
all docs

176  
docs citations

176  
times ranked

2510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Electronic Signal Processing Chains for a Prototype TOF-PET System With 100-ps Coincidence Time Resolution. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 690-696.	3.7	5
2	Application of Artificial Intelligence in PET Instrumentation. PET Clinics, 2022, 17, 175-182.	3.0	6
3	Cherenkov Radiation-Based Coincidence Time Resolution Measurements in BGO Scintillators. Frontiers in Physics, 2022, 10, .	2.1	12
4	Reduced Acquisition Time per Bed Position for PET/MRI Using <sup>68</sup> Ga-RM2 or <sup>68</sup> Ga-PSMA-11 in Patients With Prostate Cancer: A Retrospective Analysis. American Journal of Roentgenology, 2022, 218, 333-340.	2.2	3
5	Pseudo CT Image Synthesis and Bone Segmentation From MR Images Using Adversarial Networks With Residual Blocks for MR-Based Attenuation Correction of Brain PET Data. IEEE Transactions on Radiation and Plasma Medical Sciences, 2021, 5, 193-201.	3.7	17
6	Instrumentation and Methods to Combine Small-Animal PET With Other Imaging Modalities. , 2021, , 89-111.		0
7	Ionizing photon interactions modulate the optical properties of crystals with femtosecond scale temporal resolution. Physics in Medicine and Biology, 2021, 66, 045032.	3.0	10
8	Scalable electronic readout design for a 100 ps coincidence time resolution TOF-PET system. Physics in Medicine and Biology, 2021, 66, 085005.	3.0	22
9	Evolution of PET Detectors and Event Positioning Algorithms Using Monolithic Scintillation Crystals. IEEE Transactions on Radiation and Plasma Medical Sciences, 2021, 5, 282-305.	3.7	50
10	Results of a Prospective Trial to Compare <sup>68</sup> Ga-DOTA-TATE with SiPM-Based PET/CT vs. Conventional PET/CT in Patients with Neuroendocrine Tumors. Diagnostics, 2021, 11, 992.	2.6	4
11	High-resolution time-of-flight PET detector with 100 ps coincidence time resolution using a side-coupled phoswich configuration. Physics in Medicine and Biology, 2021, 66, 125007.	3.0	18
12	New PET technologies embracing progress and pushing the limits. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2711-2726.	6.4	35
13	Study of optical reflectors for a 100ps coincidence time resolution TOF-PET detector design. Biomedical Physics and Engineering Express, 2021, 7, 065008.	1.2	15
14	Noninvasive and Highly Multiplexed Five-Color Tumor Imaging of Multicore Near-Infrared Resonant Surface-Enhanced Raman Nanoparticles <i>In Vivo</i> . ACS Nano, 2021, 15, 19956-19969.	14.6	19
15	Deep learning based methods for gamma ray interaction location estimation in monolithic scintillation crystal detectors. Physics in Medicine and Biology, 2020, 65, 115007.	3.0	13
16	Investigation of Analog and Digital Signal Processing Chains for a Prototype TOF-PET System with 100 ps Coincidence Time Resolution. , 2020, , .		1
17	Automatic Generation of MR-based Attenuation Map using Conditional Generative Adversarial Network for Attenuation Correction in PET/MR. , 2020, , .		2
18	Electronics method to advance the coincidence time resolution with bismuth germanate. Physics in Medicine and Biology, 2019, 64, 175016.	3.0	41

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19	Time Resolution Studies for a 1-mm Resolution Clinical PET System With a Charge Sharing Readout and Leading Edge Discrimination. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 285-291.	3.7	3
20	Intercrystal scatter studies for a 1 <sup>mm</sup> resolution clinical PET system prototype. Physics in Medicine and Biology, 2019, 64, 095024.	3.0	8
21	Fast gamma-ray interaction-position estimation using k-d tree search. Physics in Medicine and Biology, 2019, 64, 155018.	3.0	2
22	Investigation of optical property modulation based ionizing radiation detection method for PET: two-crossed-polarizers based method. , 2019, , .		2
23	Bias Voltage Calibrations for a 1-millimeter Resolution Clinical PET System. , 2019, , .		0
24	Search for Ionization-Induced Modulation of Light Polarization for a New Direction to Improve Time Resolution of PET. , 2019, , .		0
25	High-resolution PET detector with 100 ps coincidence time resolution using side-by-side phoswich design. , 2019, , .		0
26	Simultaneous Dual Isotope ToF-PET Imaging. , 2019, , .		0
27	Approaches to improving the detection sensitivity of optical modulation based radiation detection method for positron emission tomography. , 2019, , .		1
28	Characterization of TOF-PET detectors for a second generation radiofrequency-penetrable PET insert for simultaneous PET/MRI. , 2019, , .		12
29	Motion Correction for Simultaneous PET/MR Brain Imaging Using a RF-Penetrable PET Insert. , 2019, , .		2
30	Performance evaluation of RF coils integrated with an RF-penetrable PET insert for simultaneous PET/MRI. Magnetic Resonance in Medicine, 2019, 81, 1434-1446.	3.0	16
31	Robust Detector Calibration for a Novel PET System Based on Cross-Strip CZT Detectors. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 626-633.	3.7	6
32	MR Performance in the Presence of a Radio Frequency-Penetrable Positron Emission Tomography (PET) Insert for Simultaneous PET/MRI. IEEE Transactions on Medical Imaging, 2018, 37, 2060-2069.	8.9	24
33	PET System Technology Designs for Achieving Simultaneous PET/MRI. , 2018, , 1-26.		4
34	Low eddy current RF shielding enclosure designs for 3T MR applications. Magnetic Resonance in Medicine, 2018, 79, 1745-1752.	3.0	31
35	Geometry optimization of electrically floating PET inserts for improved RF penetration for a 3T MRI system. Medical Physics, 2018, 45, 4627-4641.	3.0	6
36	Performance evaluation of an advanced detector module for an RF-penetrable TOF-PET insert for simultaneous PET/MRI. , 2018, , .		9

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37	Performance Study of a Radio-Frequency Field-Penetrable PET Insert for Simultaneous PET/MRI. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 422-431.	3.7	23
38	Improved single photon time resolution for analog SiPMs with front end readout that reduces influence of electronic noise. Physics in Medicine and Biology, 2018, 63, 185022.	3.0	75
39	Evaluation of a clinical TOF-PET detector design that achieves $\sim 100$ ps coincidence time resolution. Physics in Medicine and Biology, 2018, 63, 115011.	3.0	55
40	Positioning true coincidences that undergo inter-and intra-crystal scatter for a sub-mm resolution cadmium zinc telluride-based PET system. Physics in Medicine and Biology, 2018, 63, 025012.	3.0	26
41	Standard OSEM vs. regularized PET image reconstruction: qualitative and quantitative comparison using phantom data and various clinical radiopharmaceuticals. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 110-118.	1.0	19
42	Simultaneous PET/MR imaging with a radio frequency-penetrable PET insert. Medical Physics, 2017, 44, 112-120.	3.0	37
43	Highly multiplexed signal readout for a time-of-flight positron emission tomography detector based on silicon photomultipliers. Journal of Medical Imaging, 2017, 4, 011012.	1.5	14
44	Studies of a Next-Generation Silicon-Photomultiplier-Based Time-of-Flight PET/CT System. Journal of Nuclear Medicine, 2017, 58, 1511-1518.	5.0	187
45	Clinical evaluation of TOF versus non-TOF on PET artifacts in simultaneous PET/MR: a dual centre experience. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1223-1233.	6.4	20
46	Study of material properties important for an optical property modulation-based radiation detection method for positron emission tomography. Journal of Medical Imaging, 2017, 4, 011010.	1.5	16
47	Investigation of an optical amplification technique to improve sensitivity of an optical property modulation-based radiation detection method for PET. , 2017, , .		0
48	Study of a Convolutional Autoencoder for Automatic Generation of MR-based Attenuation Map in PET/MR. , 2017, , .		1
49	Enhancement of Time-of-Flight PET Image Reconstruction for Long-lived Positron Emitters Using Information from a Prompt Gamma Ray. , 2017, , .		0
50	Component-Based Normalization for a 1mm <sup>3</sup> Resolution, Clinical PET system. , 2017, , .		0
51	New-generation small animal positron emission tomography system for molecular imaging. Journal of Medical Imaging, 2017, 4, 011008.	1.5	6
52	Evaluation of Zero-TE-based attenuation correction methods on PET quantification of PET/MRI head and neck lesions. , 2016, , .		1
53	Hardware setting optimization for a 1mm <sup>3</sup> resolution clinical PET system. , 2016, , .		0
54	Timing performance of two PET detector designs capable of time-of-flight and depth-of-interaction measurement: Phoswich and offset crystal layers. , 2016, , .		0

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55	Characterizing CNR of super-resolution and sub-resolution PET. , 2016, , .		0
56	NEMA NU 2-2012 performance studies for the SiPM-based ToF-PET component of the GE SIGNA PET/MR system. Medical Physics, 2016, 43, 2334-2343.	3.0	207
57	MR Performance Comparison of a PET/MR System Before and After SiPM-Based Time-of-Flight PET Detector Insertion. IEEE Transactions on Nuclear Science, 2016, 63, 2419-2423.	2.0	6
58	Design Features and Mutual Compatibility Studies of the Time-of-Flight PET Capable GE SIGNA PET/MR System. IEEE Transactions on Medical Imaging, 2016, 35, 1907-1914.	8.9	156
59	Characterization of a sub-assembly of 3D position sensitive cadmium zinc telluride detectors and electronics from a sub-millimeter resolution PET system. Physics in Medicine and Biology, 2016, 61, 6733-6753.	3.0	27
60	3-D position sensitive CZT PET system: Current status. , 2016, , .		0
61	Contrast recovery performance for a 1mm <sup>3</sup> resolution clinical PET system. , 2016, , .		1
62	Sensitivity and spatial resolution simulation of a PET-compton insert imaging system. , 2016, , .		0
63	GPU-based strategies for acceleration of a new MLEM algorithm for emission-based photon attenuation correction in PET. , 2016, , .		0
64	Investigation of electron multiplication effect in optical property modulation-based radiation detection method for PET. , 2016, , .		0
65	Time-over-threshold for pulse shape discrimination in a time-of-flight/depth of interaction phoswich PET detector. , 2016, , .		1
66	Breast-Dedicated Radionuclide Imaging Systems. Journal of Nuclear Medicine, 2016, 57, 40S-45S.	5.0	34
67	Advances in coincidence time resolution for PET. Physics in Medicine and Biology, 2016, 61, 2255-2264.	3.0	88
68	Improvements in PET Image Quality in Time of Flight (TOF) Simultaneous PET/MRI. Molecular Imaging and Biology, 2016, 18, 776-781.	2.6	26
69	Calibration stability in a 1 mm <sup>3</sup> resolution, clinical PET system and its impact on real-time data processing and coincidence sorting. , 2015, , .		0
70	Effect of energy threshold in positioning true coincidences that undergo detector scatter for a sub-mm resolution CZT-based PET system. , 2015, , .		2
71	Technical Note: Characterization of custom 3D printed multimodality imaging phantoms. Medical Physics, 2015, 42, 5913-5918.	3.0	60
72	Optical delay encoding for fast timing and detector signal multiplexing in PET. Medical Physics, 2015, 42, 4526-4535.	3.0	2

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73	Enhanced data analysis for improved energy resolution of a CZT-based PET system. , 2015, , .		1
74	An ordered subset expectation maximization method for joint estimation of emission activity distribution and photon attenuation map in PET. , 2015, , .		1
75	Investigation of RF field penetrability of a novel electrically floating PET insert for PET/MR. , 2015, , .		0
76	PET performance evaluation of a RF-penetrable PET insert for simultaneous PET/MR imaging. , 2015, , .		0
77	Programmable High Voltage Distribution for Photodetectors in a 1Åmm Resolution Clinical PET System. IEEE Transactions on Nuclear Science, 2015, 62, 1989-1994.	2.0	4
78	Prototype positron emission tomography insert with electro-optical signal transmission for simultaneous operation with MRI. Physics in Medicine and Biology, 2015, 60, 3459-3478.	3.0	44
79	Thermal regulation of tightly packed solidâ€state photodetectors in a 1 mm<sup>3</sup> resolution clinical PET system. Medical Physics, 2015, 42, 305-313.	3.0	14
80	Performance characterization of compressed sensing positron emission tomography detectors and data acquisition system. Physics in Medicine and Biology, 2015, 60, 6407-6421.	3.0	13
81	Scanner dependent noise properties of the Q. Clear PET image reconstruction tool. , 2015, , .		1
82	A new dual threshold time-over-threshold circuit for fast timing in PET. Physics in Medicine and Biology, 2014, 59, 3421-3430.	3.0	41
83	Spatial resolution uniformity, isotropy, and the effect of depth of interaction information in a 1mm <sup>3</sup> resolution, limited-angle PET system. , 2014, , .		5
84	Clinical evaluation of a novel intraoperative handheld gamma camera for sentinel lymph node biopsy. Physica Medica, 2014, 30, 340-345.	0.7	40
85	A method to achieve spatial linearity and uniform resolution at the edges of monolithic scintillation crystal detectors. Physics in Medicine and Biology, 2014, 59, 2975-2995.	3.0	21
86	RF-Penetrable PET insert for simultaneous PET/MR imaging. EJNMMI Physics, 2014, 1, A5.	2.7	2
87	Analog electro-optical readout of SiPMs for compact, low power ToF PET/MRI. EJNMMI Physics, 2014, 1, A12.	2.7	0
88	Side readout of long scintillation crystal elements with digital SiPM for TOFâ€DOI PET. Medical Physics, 2014, 41, 122501.	3.0	30
89	RF-transmissive PET detector insert for simultaneous PET/MRI. , 2014, , .		6
90	GPU formulated MLEM joint estimation of emission activity and photon attenuation in Positron Emission Tomography. , 2014, , .		3

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91	First acquisition of data from a prototype 3-D position sensitive CZT PET system. , 2014, , .		9
92	Probabilistic layer identification in a multi-layer fast timing detector for time-of-flight PET using machine learning. , 2014, , .		0
93	Stackable electronics architecture for densely packed PET detectors. , 2014, , .		4
94	Characterization of a compressed sensing PET detector and data acquisition system: Effects of multiplexing and sampling rate. , 2014, , .		1
95	Effects of out of field-of-view activity on imaging performance in a 1mm <sup>3</sup> resolution clinical PET system. , 2014, , .		1
96	Disjunct matrices for multiplexing PET detector signal readout. , 2014, , .		0
97	HEMT-based photon-counting energy-resolving ultra-fast x-ray detector with improved sensitivity. , 2014, , .		0
98	Simultaneous PET/MRI images acquired with an RF-transmissive PET insert. , 2014, , .		1
99	First Performance Results of Ce:GAGG Scintillation Crystals With Silicon Photomultipliers. IEEE Transactions on Nuclear Science, 2013, 60, 988-992.	2.0	101
100	Readout Electronics and Data Acquisition of a Positron Emission Tomography Time-of-Flight Detector Module With Waveform Digitizer. IEEE Transactions on Nuclear Science, 2013, 60, 3735-3741.	2.0	18
101	Novel photon-counting energy-resolving ultra-fast X-ray detector. , 2013, , .		0
102	Scintillation crystal side-readout with SiPMs for improved time resolution. , 2013, , .		0
103	Analyzing the stability of 256 APDs through leakage current and temperature monitoring in a 1 mm <sup>&gt;3&lt;/sup&gt; resolution clinical PET system. , 2013, , .</sup>		0
104	Cross-Strip Multiplexed Electro-Optical Coupled Scintillation Detector for Integrated PET/MRI. IEEE Transactions on Nuclear Science, 2013, 60, 3198-3204.	2.0	17
105	Electrical delay line multiplexing for pulsed mode radiation detectors. , 2013, , .		0
106	A pulse width modulation readout method for densely packed solid state photodetectors. , 2013, , .		1
107	General spatial distortion correction method for solid-state position sensitive detectors in PET. , 2013, , .		2
108	Fast Timing Silicon Photomultipliers for Scintillation Detectors. IEEE Photonics Technology Letters, 2013, 25, 1309-1312.	2.5	30

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109	Sparse Signal Recovery Methods for Multiplexing PET Detector Readout. IEEE Transactions on Medical Imaging, 2013, 32, 932-942.	8.9	19
110	An MLEM method for joint tissue activity distribution and photon attenuation map reconstruction in PET. , 2013, , .		6
111	Characterization of PET data acquisition system with compressed sensing detectors. , 2013, , .		1
112	A 16-channel FPGA-based time-to-digital converter for pulse width modulation circuitry for silicon photomultiplier readout. , 2013, , .		1
113	Optical encoding and multiplexing of detector signals with dual threshold time-over-threshold. , 2013, , .		1
114	3D printing for cost-effective, customized, reusable multi-modality imaging phantoms. , 2013, , .		3
115	Promising New Photon Detection Concepts for High-Resolution Clinical and Preclinical PET. Journal of Nuclear Medicine, 2012, 53, 167-170.	5.0	44
116	Characterization of inter-detector effects in a 3-D position-sensitive dual-CZT detector modules for PET. , 2012, , .		3
117	A method to achieve spatial linearity and uniform resolution at the edges of monolithic scintillation crystal detectors for PET. , 2012, , .		3
118	Performance of fast timing silicon photomultipliers for scintillation detectors. , 2012, , .		4
119	FPGA-based time-to-digital converter for time-of-flight PET detector. , 2012, , .		9
120	Optimizing timing performance of silicon photomultiplier based scintillation detectors. , 2012, , .		2
121	Improved compressed sensing multiplexing for PET detector readout. , 2012, , .		2
122	Timing performance comparison of P-on-N and N-on-P silicon photomultipliers. , 2012, , .		3
123	Molecular Imaging Instrumentation. , 2012, , 29-96.		1
124	The trend of data path structures for data acquisition systems in positron emission tomography. , 2012, , .		1
125	Signal Conditioning Technique for Position Sensitive Photodetectors to Manipulate Pixelated Crystal Identification Capabilities. IEEE Transactions on Nuclear Science, 2012, 59, 1815-1822.	2.0	10
126	GPU-enabled PET motion compensation using sparse and low-rank decomposition. , 2012, , .		3



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127	PET DAQ system for compressed sensing detector modules. , 2012, , .		7
128	Fast and accurate 3D compton cone projections on GPU using CUDA. , 2011, , .		3
129	Study of readout for groups of position sensitive avalanche photodiodes used in a 1 mm<sup>3</sup> resolution clinical PET system. , 2011, , .		0
130	Energy and time characterization of Silicon Photomultiplier Detector Blocks. , 2011, , .		0
131	Compressed sensing for the multiplexing of PET detectors. , 2011, , .		13
132	Fast List-Mode Reconstruction for Time-of-Flight PET Using Graphics Hardware. IEEE Transactions on Nuclear Science, 2011, 58, 105-109.	2.0	28
133	Measurement-based spatially-varying point spread function for list-mode PET reconstruction on GPU. , 2011, , .		8
134	A new data path design for a PET data acquisition system: A packet based approach. , 2011, , .		7
135	Signal conditioning technique for position sensitive photodetectors to manipulate pixelated crystal identification capabilities. , 2011, , .		0
136	Fully 3D list-mode time-of-flight PET image reconstruction on GPUs using CUDA. Medical Physics, 2011, 38, 6775-6786.	3.0	75
137	Algorithms that exploit multi-interaction photon events in sub-millimeter resolution CZT detectors for PET. , 2011, , .		10
138	Mixture model for fast estimation of positron range. , 2010, , .		2
139	Readout design and validation for a 1 mm<sup>3</sup> resolution clinical PET system. , 2010, , .		2
140	Optical network-based PET DAQ system: One fiber optical connection. , 2010, , .		6
141	Analytic pulse height correction in dual-ended readout PET detectors. , 2010, , .		0
142	Design study of a high-resolution breast-dedicated PET system built from cadmium zinc telluride detectors. Physics in Medicine and Biology, 2010, 55, 2761-2788.	3.0	48
143	Analog signal multiplexing for PSAPD-based PET detectors: simulation and experimental validation. Physics in Medicine and Biology, 2010, 55, 7149-7174.	3.0	57
144	Fully 3-D list-mode positron emission tomography image reconstruction on GPU using CUDA. , 2010, , .		2

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145	Novel Electro-Optical Coupling Technique for Magnetic Resonance-Compatible Positron Emission Tomography Detectors. Molecular Imaging, 2009, 8, 7290.2009.00012.	1.4	30
146	Novel electro-optical coupling technique for magnetic resonance-compatible positron emission tomography detectors. Molecular Imaging, 2009, 8, 74-86.	1.4	9
147	A Comparison Between a Time Domain and Continuous Wave Small Animal Optical Imaging System. IEEE Transactions on Medical Imaging, 2008, 27, 58-63.	8.9	42
148	New Imaging Technologies to Enhance the Molecular Sensitivity of Positron Emission Tomography. Proceedings of the IEEE, 2008, 96, 439-467.	21.3	68
149	1 mm <sup>3</sup> resolution breast-dedicated PET system. , 2008, , .		9
150	Study of a high resolution, 3-D positioning cross-strip Cadmium Zinc Telluride detector for PET. , 2008, , .		7
151	Effects of thermal regulation structures on the photon sensitivity and spatial resolution of a 1 mm <sup>3</sup> resolution breast-dedicated PET system. , 2008, , .		1
152	Charge collection studies of a high resolution CZT-based detector for PET. , 2008, , .		14
153	A method to reject random coincidences and extract true from multiple coincidences in PET using 3-D detectors. , 2008, , .		2
154	Pulse width modulation: A novel readout scheme for high energy photon detection. , 2008, , .		25
155	Novel electro-optically coupled MR-compatible PET detectors. , 2008, , .		5
156	Front-end electronics for a 1 mm <sup>3</sup> resolution avalanche photodiode-based PET system with analog signal multiplexing. , 2008, , .		6
157	Effects of multiple photon interactions in a high resolution PET system that uses 3-D positioning detectors. , 2008, , .		3
158	Faster maximum-likelihood reconstruction via explicit conjugation of search directions. , 2008, , .		1
159	Can large-area avalanche photodiodes be used for a clinical PET/MRI block detector?. , 2008, , .		1
160	Convex optimization of coincidence time resolution for high resolution PET systems. , 2008, , .		3
161	PET image reconstruction with a Bayesian projector for multi-electronic collimation schemes. , 2007, , .		2
162	Noise analysis of LSO-PSAPD PET detector front-end multiplexing circuits. , 2007, , .		3

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163	Study of the performance of a novel 1mm resolution dual-panel PET camera design dedicated to breast cancer imaging using Monte Carlo simulation. Medical Physics, 2007, 34, 689-702.	3.0	68
164	Prototype Parallel Readout System for Position Sensitive PMT Based Gamma Ray Imaging Systems. IEEE Transactions on Nuclear Science, 2007, 54, 60-65.	2.0	7
165	Performance Characterization of a Miniature, High Sensitivity Gamma Ray Camera. IEEE Transactions on Nuclear Science, 2007, 54, 1492-1497.	2.0	21
166	Current Trends in Preclinical PET System Design. PET Clinics, 2007, 2, 125-160.	3.0	76
167	Accurately Positioning and Incorporating Tissue-Scattered Photons into PET Image Reconstruction. , 2006, , .		7
168	GRAY: High Energy Photon Ray Tracer for PET Applications. , 2006, , .		21
169	Impact of high energy resolution detectors on the performance of a PET system dedicated to breast cancer imaging. Physica Medica, 2006, 21, 28-34.	0.7	37
170	A Method to Include Single Photon Events in Image Reconstruction for a 1 mm Resolution PET System Built with Advanced 3-D Positioning Detectors. , 2006, , .		13
171	Characterization of Two Thin Postion-Sensitive Avalanche Photodiodes on a Single Flex Circuit for Use in 3-D Positioning PET Detectors. , 2006, , .		3
172	A high speed fully digital data acquisition system for Positron Emission Tomography. , 2006, , .		4
173	Incident Photon Direction Calculation Using Bayesian Estimation for High Energy Photon Detector Systems with 3D Positioning Capability. , 2006, , .		1
174	Primer on molecular imaging technology. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, S325-S345.	6.4	100
175	Detector design issues for compact nuclear emission cameras dedicated to breast imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 497, 60-74.	1.6	29
176	Calculation of positron range and its effect on the fundamental limit of positron emission tomography system spatial resolution. Physics in Medicine and Biology, 1999, 44, 781-799.	3.0	462