Craig S Levin

List of Publications by Year
in descending order

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176 papers	3,364 citations	172457 29 h-index	161849 54 g-index
176 all docs	176 docs citations	176 times ranked	2510 citing authors

#	Article	IF	Citations
1	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
2	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
3	Studies of a Next-Generation Silicon-Photomultiplierâ€“Based Time-of-Flight PET/CT System. Journal of Nuclear Medicine, 2017, 58, 1511-1518.	5.0	187
4	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
5	First Performance Results of Ce:GAGG Scintillation Crystals With Silicon Photomultipliers. IEEE Transactions on Nuclear Science, 2013, 60, 988-992.	2.0	101
6	Primer on molecular imaging technology. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, S325-S345.	6.4	100
7	Advances in coincidence time resolution for PET. Physics in Medicine and Biology, 2016, 61, 2255-2264.	3.0	88
8	Current Trends in Preclinical PET System Design. PET Clinics, 2007, 2, 125-160.	3.0	76
9	Fully 3D listâ€mode timeâ€ofâ€flight PET image reconstruction on GPUs using CUDA. Medical Physics, 2011, 38, 6775-6786.	3.0	75
10	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
11	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
12	New Imaging Technologies to Enhance the Molecular Sensitivity of Positron Emission Tomography. Proceedings of the IEEE, 2008, 96, 439-467.	21.3	68
13	Technical Note: Characterization of custom 3D printed multimodality imaging phantoms. Medical Physics, 2015, 42, 5913-5918.	3.0	60
14	Analog signal multiplexing for PSAPD-based PET detectors: simulation and experimental validation. Physics in Medicine and Biology, 2010, 55, 7149-7174.	3.0	57
15	Evaluation of a clinical TOF-PET detector design that achieves â©½100 ps coincidence time resolution. Physics in Medicine and Biology, 2018, 63, 115011.	3.0	55
16	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
17	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
18	Promising New Photon Detection Concepts for High-Resolution Clinical and Preclinical PET. Journal of Nuclear Medicine, 2012, 53, 167-170.	5.0	44

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19	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
20	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
21	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
22	Electronics method to advance the coincidence time resolution with bismuth germanate. Physics in Medicine and Biology, 2019, 64, 175016.	3.0	41
23	Clinical evaluation of a novel intraoperative handheld gamma camera for sentinel lymph node biopsy. Physica Medica, 2014, 30, 340-345.	0.7	40
24	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
25	Simultaneous <scp>PET</scp>/<scp>MR</scp> imaging with a radio frequencyâ€penetrable <scp>PET</scp> insert. Medical Physics, 2017, 44, 112-120.	3.0	37
26	New PET technologies â€“ embracing progress and pushing the limits. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2711-2726.	6.4	35
27	Breast-Dedicated Radionuclide Imaging Systems. Journal of Nuclear Medicine, 2016, 57, 40S-45S.	5.0	34
28	Low eddy current RF shielding enclosure designs for 3T MR applications. Magnetic Resonance in Medicine, 2018, 79, 1745-1752.	3.0	31
29	Novel Electro-Optical Coupling Technique for Magnetic Resonance-Compatible Positron Emission Tomography Detectors. Molecular Imaging, 2009, 8, 7290.2009.00012.	1.4	30
30	Fast Timing Silicon Photomultipliers for Scintillation Detectors. IEEE Photonics Technology Letters, 2013, 25, 1309-1312.	2.5	30
31	Side readout of long scintillation crystal elements with digital SiPM for TOFâ€ĐOI PET. Medical Physics, 2014, 41, 122501.	3.0	30
32	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
33	Fast List-Mode Reconstruction for Time-of-Flight PET Using Graphics Hardware. IEEE Transactions on Nuclear Science, 2011, 58, 105-109.	2.0	28
34	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
35	Improvements in PET Image Quality in Time of Flight (TOF) Simultaneous PET/MRI. Molecular Imaging and Biology, 2016, 18, 776-781.	2.6	26
36	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

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37	Pulse width modulation: A novel readout scheme for high energy photon detection. , 2008, , .		25
38	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
39	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
40	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
41	GRAY: High Energy Photon Ray Tracer for PET Applications. , 2006, , .		21
42	Performance Characterization of a Miniature, High Sensitivity Gamma Ray Camera. IEEE Transactions on Nuclear Science, 2007, 54, 1492-1497.	2.0	21
43	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
44	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
45	Sparse Signal Recovery Methods for Multiplexing PET Detector Readout. IEEE Transactions on Medical Imaging, 2013, 32, 932-942.	8.9	19
46	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
47	Noninvasive and Highly Multiplexed Five-Color Tumor Imaging of Multicore Near-Infrared Resonant Surface-Enhanced Raman Nanoparticles In Vivo. ACS Nano, 2021, 15, 19956-19969.	14.6	19
48	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
49	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
50	Cross-Strip Multiplexed Electro-Optical Coupled Scintillation Detector for Integrated PET/MRI. IEEE Transactions on Nuclear Science, 2013, 60, 3198-3204.	2.0	17
51	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
52	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
53	Performance evaluation of RF coils integrated with an RFâ€penetrable PET insert for simultaneous PET/MRI. Magnetic Resonance in Medicine, 2019, 81, 1434-1446.	3.0	16
54	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

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55	Charge collection studies of a high resolution CZT-based detector for PET. , 2008, , .		14
56	Thermal regulation of tightly packed solidâ€state photodetectors in a 1 mm³ resolution clinical PET system. Medical Physics, 2015, 42, 305-313.	3.0	14
57	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
58	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
59	Compressed sensing for the multiplexing of PET detectors. , 2011, , .		13
60	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
61	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
62	Characterization of TOF-PET detectors for a second generation radiofrequency-penetrable PET insert for simultaneous PET/MRI. , 2019, , .		12
63	Cherenkov Radiationâ€“Based Coincidence Time Resolution Measurements in BGO Scintillators. Frontiers in Physics, 2022, 10, .	2.1	12
64	Algorithms that exploit multi-interaction photon events in sub-millimeter resolution CZT detectors for PET. , 2011, , .		10
65	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
66	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
67	1 mm³ resolution breast-dedicated PET system. , 2008, , .		9
68	FPGA-based time-to-digital converter for time-of-flight PET detector. , 2012, , .		9
69	First acquisition of data from a prototype 3-D position sensitive CZT PET system. , 2014, , .		9
70	Performance evaluation of an advanced detector module for an RF-penetrable TOF-PET insert for simultaneous PET/MRI. , 2018, , .		9
71	Novel electro-optical coupling technique for magnetic resonance-compatible positron emission tomography detectors. Molecular Imaging, 2009, 8, 74-86.	1.4	9
72	Measurement-based spatially-varying point spread function for list-mode PET reconstruction on GPU. , 2011, , .		8

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73	Intercrystal scatter studies for a 1â€‰mm³ resolution clinical PET system prototype. Physics in Medicine and Biology, 2019, 64, 095024.	3.0	8
74	Accurately Positioning and Incorporating Tissue-Scattered Photons into PET Image Reconstruction. , 2006, , .		7
75	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
76	Study of a high resolution, 3-D positioning cross-strip Cadmium Zinc Telluride detector for PET. , 2008, , .		7
77	A new data path design for a PET data acquisition system: A packet based approach. , 2011, , .		7
78	PET DAQ system for compressed sensing detector modules. , 2012, , .		7
79	Front-end electronics for a 1 mm³ resolution avalanche photodiode-based PET system with analog signal multiplexing. , 2008, , .		6
80	Optical network-based PET DAQ system: One fiber optical connection. , 2010, , .		6
81	An MLEM method for joint tissue activity distribution and photon attenuation map reconstruction in PET. , 2013, , .		6
82	RF-transmissive PET detector insert for simultaneous PET/MRI. , 2014, , .		6
83	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
84	Geometry optimization of electrically floating PET inserts for improved RF penetration for a 3ÂT MRI system. Medical Physics, 2018, 45, 4627-4641.	3.0	6
85	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
86	New-generation small animal positron emission tomography system for molecular imaging. Journal of Medical Imaging, 2017, 4, 011008.	1.5	6
87	Application of Artificial Intelligence in PET Instrumentation. PET Clinics, 2022, 17, 175-182.	3.0	6
88	Novel electro-optically coupled MR-compatible PET detectors. , 2008, , .		5
89	Spatial resolution uniformity, isotropy, and the effect of depth of interaction information in a 1mm3 resolution, limited-angle PET system. , 2014, , .		5
90	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

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91	A high speed fully digital data acquisition system for Positron Emission Tomography. , 2006, , .		4
92	Performance of fast timing silicon photomultipliers for scintillation detectors. , 2012, , .		4
93	Stackable electronics architecture for densely packed PET detectors. , 2014, , .		4
94	Programmable High Voltage Distribution for Photodetectors in a 1Âmm Resolution Clinical PET System. IEEE Transactions on Nuclear Science, 2015, 62, 1989-1994.	2.0	4
95	PET System Technology Designs for Achieving Simultaneous PET/MRI. , 2018, , 1-26.		4
96	Results of a Prospective Trial to Compare 68Ga-DOTA-TATE with SiPM-Based PET/CT vs. Conventional PET/CT in Patients with Neuroendocrine Tumors. Diagnostics, 2021, 11, 992.	2.6	4
97	Characterization of Two Thin Postion-Sensitive Avalanche Photodiodes on a Single Flex Circuit for Use in 3-D Positioning PET Detectors. , 2006, , .		3
98	Noise analysis of LSO-PSAPD PET detector front-end multiplexing circuits. , 2007, , .		3
99	Effects of multiple photon interactions in a high resolution PET system that uses 3-D positioning detectors. , 2008, , .		3
100	Convex optimization of coincidence time resolution for high resolution PET systems. , 2008, , .		3
101	Fast and accurate 3D compton cone projections on GPU using CUDA. , 2011, , .		3
102	Characterization of inter-detector effects in a 3-D position-sensitive dual-CZT detector modules for PET. , 2012, , .		3
103	A method to achieve spatial linearity and uniform resolution at the edges of monolithic scintillation crystal detectors for PET. , 2012, , .		3
104	Timing performance comparison of P-on-N and N-on-P silicon photomultipliers. , 2012, , .		3
105	GPU-enabled PET motion compensation using sparse and low-rank decomposition. , 2012, , .		3
106	3D printing for cost-effective, customized, reusable multi-modality imaging phantoms. , 2013, , .		3
107	GPU formulated MLEM joint estimation of emission activity and photon attenuation in Positron Emission Tomography. , 2014, , .		3
108	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

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109	Reduced Acquisition Time per Bed Position for PET/MRI Using ⁶⁸Ga-RM2 or ⁶⁸Ga-PSMA-11 in Patients With Prostate Cancer: A Retrospective Analysis. American Journal of Roentgenology, 2022, 218, 333-340.	2.2	3
110	PET image reconstruction with a Bayesian projector for multi-electronic collimation schemes. , 2007, , .		2
111	A method to reject random coincidences and extract true from multiple coincidences in PET using 3-D detectors. , 2008, , .		2
112	Mixture model for fast estimation of positron range. , 2010, , .		2
113	Readout design and validation for a 1 mm³ resolution clinical PET system. , 2010, , .		2
114	Fully 3-D list-mode positron emission tomography image reconstruction on GPU using CUDA. , 2010, , .		2
115	Optimizing timing performance of silicon photomultiplier based scintillation detectors. , 2012, , .		2
116	Improved compressed sensing multiplexing for PET detector readout. , 2012, , .		2
117	General spatial distortion correction method for solid-state position sensitive detectors in PET. , 2013, , .		2
118	RF-Penetrable PET insert for simultaneous PET/MR imaging. EJNMMI Physics, 2014, 1, A5.	2.7	2
119	Effect of energy threshold in positioning true coincidences that undergo detector scatter for a sub-mm resolution CZT-based PET system. , 2015, , .		2
120	Optical delay encoding for fast timing and detector signal multiplexing in PET. Medical Physics, 2015, 42, 4526-4535.	3.0	2
121	Fast gamma-ray interaction-position estimation using k-d tree search. Physics in Medicine and Biology, 2019, 64, 155018.	3.0	2
122	Investigation of optical property modulation based ionizing radiation detection method for PET: two-crossed-polarizers based method. , 2019, , .		2
123	Motion Correction for Simultaneous PET/MR Brain Imaging Using a RF-Penetrable PET Insert. , 2019, , .		2
124	Automatic Generation of MR-based Attenuation Map using Conditional Generative Adversarial Network for Attenuation Correction in PET/MR. , 2020, , .		2
125	Incident Photon Direction Calculation Using Bayesian Estimation for High Energy Photon Detector Systems with 3D Positioning Capability. , 2006, , .		1
126	Effects of thermal regulation structures on the photon sensitivity and spatial resolution of a 1 mm³ resolution breast-dedicated PET system. , 2008, , .		1

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127	Faster maximum-likelihood reconstruction via explicit conjugation of search directions. , 2008, , .		1
128	Can large-area avalanche photodiodes be used for a clinical PET/MRI block detector?. , 2008, , .		1
129	Molecular Imaging Instrumentation. , 2012, , 29-96.		1
130	The trend of data path structures for data acquisition systems in positron emission tomography. , 2012, , .		1
131	A pulse width modulation readout method for densely packed solid state photodetectors. , 2013, , .		1
132	Characterization of PET data acquisition system with compressed sensing detectors. , 2013, , .		1
133	A 16-channel FPGA-based time-to-digital converter for pulse width modulation circuitry for silicon photomultiplier readout. , 2013, , .		1
134	Optical encoding and multiplexing of detector signals with dual threshold time-over-threshold. , 2013, , .		1
135	Characterization of a compressed sensing PET detector and data acquisition system: Effects of multiplexing and sampling rate. , 2014, , .		1
136	Effects of out of field-of-view activity on imaging performance in a 1mm3 resolution clinical PET system. , 2014, , .		1
137	Simultaneous PET/MRI images acquired with an RF-transmissive PET insert. , 2014, , .		1
138	Enhanced data analysis for improved energy resolution of a CZT-based PET system. , 2015, , .		1
139	An ordered subset expectation maximization method for joint estimation of emission activity distribution and photon attenuation map in PET. , 2015, , .		1
140	Evaluation of Zero-TE-based attenuation correction methods on PET quantification of PET/MRI head and neck lesions. , 2016, , .		1
141	Contrast recovery performance for a 1mm³ resolution clinical PET system. , 2016, , .		1
142	Time-over-threshold for pulse shape discrimination in a time-of-flight/depth of interaction phoswich PET detector. , 2016, , .		1
143	Study of a Convolutional Autoencoder for Automatic Generation of MR-based Attenuation Map in PET/MR. , 2017, , .		1
144	Approaches to improving the detection sensitivity of optical modulation based radiation detection method for positron emission tomography. , 2019, , .		1

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145	Investigation of Analog and Digital Signal Processing Chains for a Prototype TOF-PET System with 100 ps Coincidence Time Resolution. , 2020, , .		1
146	Scanner dependent noise properties of the Q. Clear PET image reconstruction tool. , 2015, , .		1
147	Analytic pulse height correction in dual-ended readout PET detectors. , 2010, , .		0
148	Study of readout for groups of position sensitive avalanche photodiodes used in a 1 mm³ resolution clinical PET system. , 2011, , .		0
149	Energy and time characterization of Silicon Photomultiplier Detector Blocks. , 2011, , .		0
150	Signal conditioning technique for position sensitive photodetectors to manipulate pixelated crystal identification capabilities. , 2011, , .		0
151	Novel photon-counting energy-resolving ultra-fast X-ray detector. , 2013, , .		0
152	Scintillation crystal side-readout with SiPMs for improved time resolution. , 2013, , .		0
153	Analyzing the stability of 256 APDs through leakage current and temperature monitoring in a 1 mm³ resolution clinical PET system. , 2013, , .		0
154	Electrical delay line multiplexing for pulsed mode radiation detectors. , 2013, , .		0
155	Analog electro-optical readout of SiPMs for compact, low power ToF PET/MRI. EJNMMI Physics, 2014, 1, A12.	2.7	0
156	Probabilistic layer identification in a multi-layer fast timing detector for time-of-flight PET using machine learning. , 2014, , .		0
157	Disjunct matrices for multiplexing PET detector signal readout. , 2014, , .		0
158	HEMT-based photon-counting energy-resolving ultra-fast x-ray detector with improved sensitivity. , 2014, , .		0
159	Calibration stability in a 1 mm3resolution, clinical PET system and its impact on real-time data processing and coincidence sorting. , 2015, , .		0
160	Investigation of RF field penetrability of a novel electrically floating PET insert for PET/MR. , 2015, , .		0
161	PET performance evaluation of a RF-penetrable PET insert for simultaneous PET/MR imaging. , 2015, , .		0
162	Hardware setting optimization for a 1mm3 resolution clinical PET system. , 2016, , .		0

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163	Timing performance of two PET detector designs capable of time-of-flight and depth-of-interaction measurement: Phoswich and offset crystal layers. , 2016, , .		0
164	Characterizing CNR of super-resolution and sub-resolution PET. , 2016, , .		0
165	3-D position sensitive CZT PET system: Current status. , 2016, , .		0
166	Sensitivity and spatial resolution simulation of a PET-compton insert imaging system. , 2016, , .		0
167	GPU-based strategies for acceleration of a new MLEM algorithm for emission-based photon attenuation correction in PET. , 2016, , .		0
168	Investigation of electron multiplication effect in optical property modulation-based radiation detection method for PET. , 2016, , .		0
169	Investigation of an optical amplification t echnique t o improve sensitivity of an optical property modulation-based radiation detection method for PET. , 2017, , .		0
170	Enhancement of Time-of-Flight PET Image Reconstruction for Long-lived Positron Emitters Using Information from a Prompt Gamma Ray. , 2017, , .		0
171	Component-Based Normalization for a 1mm3 Resolution, Clinical PET system. , 2017, , .		0
172	Bias Voltage Calibrations for a 1-millimeter Resolution Clinical PET System. , 2019, , .		0
173	Search for Ionization-Induced Modulation of Light Polarization for a New Direction to Improve Time Resolution of PET. , 2019, , .		0
174	High-resolution PET detector with 100 ps coincidence time resolution using side-by-side phoswich design. , 2019, , .		0
175	Simultaneous Dual Isotope ToF-PET Imaging. , 2019, , .		0
176	Instrumentation and Methods to Combine Small-Animal PET With Other Imaging Modalities. , 2021, , 89-111.		0