

Dean Chapman

List of Publications by Year in descending order

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144
papers

4,500
citations

159525

30
h-index

110317

64
g-index

148
all docs

148
docs citations

148
times ranked

2873
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffraction enhanced x-ray imaging. <i>Physics in Medicine and Biology</i> , 1997, 42, 2015-2025.	1.6	1,060
2	Multiple-image radiography. <i>Physics in Medicine and Biology</i> , 2003, 48, 3875-3895.	1.6	219
3	An Introduction to High Intensity Focused Ultrasound: Systematic Review on Principles, Devices, and Clinical Applications. <i>Journal of Clinical Medicine</i> , 2020, 9, 460.	1.0	209
4	Human Breast Cancer Specimens: Diffraction-enhanced Imaging with Histologic Correlationâ€”Improved Conspicuity of Lesion Detail Compared with Digital Radiography. <i>Radiology</i> , 2000, 214, 895-901.	3.6	192
5	Mechanical and Biological Effects of Ultrasound: A Review of Present Knowledge. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1085-1104.	0.7	180
6	UV-Assisted 3D Bioprinting of Nanoreinforced Hybrid Cardiac Patch for Myocardial Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 74-88.	1.1	179
7	Diffraction-enhanced X-ray imaging of articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2002, 10, 163-171.	0.6	146
8	Implementation of diffraction-enhanced imaging experiments: at the NSLS and APS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 450, 556-567.	0.7	140
9	Extraction of extinction, refraction and absorption properties in diffraction enhanced imaging. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 2152-2156.	1.3	122
10	A physical model of multiple-image radiography. <i>Physics in Medicine and Biology</i> , 2006, 51, 221-236.	1.6	91
11	Beamlines of the biomedical imaging and therapy facility at the Canadian light sourceâ€”Part 1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 582, 73-76.	0.7	89
12	First operation of the medical research facility at the NSLS for coronary angiography. <i>Review of Scientific Instruments</i> , 1992, 63, 625-628.	0.6	79
13	Design and Implementation of a Compact Low-Dose Diffraction Enhanced Medical Imaging System. <i>Academic Radiology</i> , 2009, 16, 911-917.	1.3	78
14	Spatially resolved measurement of high doses in microbeam radiation therapy using samarium doped fluorophosphate glasses. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	77
15	Mammographic phantom studies with synchrotron radiation.. <i>Radiology</i> , 1996, 200, 659-663.	3.6	76
16	Ultrasound Cavitation/Microbubble Detection and Medical Applications. <i>Journal of Medical and Biological Engineering</i> , 2019, 39, 259-276.	1.0	70
17	Samariumâ€”Doped Oxyfluoride Glassâ€”Ceramic as a New Fast Erasable Dosimetric Detector Material for Microbeam Radiation Cancer Therapy Applications at the Canadian Synchrotron. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2147-2153.	1.9	58
18	Diffraction enhanced imaging contrast mechanisms in breast cancer specimens. <i>Medical Physics</i> , 2002, 29, 2216-2221.	1.6	56

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19	Valency conversion of samarium ions under high dose synchrotron generated X-ray radiation. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2822-2825.	0.8	52
20	A single crystal bent Laue monochromator for coronary angiography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993, 336, 304-309.	0.7	51
21	Beamlines of the biomedical imaging and therapy facility at the Canadian light source " part 3. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 775, 1-4.	0.7	47
22	X-ray induced Sm ³⁺ to Sm ²⁺ conversion in fluorophosphate and fluoroaluminate glasses for the monitoring of high-doses in microbeam radiation therapy. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	45
23	A median-Gaussian filtering framework for Moiré pattern noise removal from X-ray microscopy image. <i>Micron</i> , 2012, 43, 170-176.	1.1	45
24	Mammography imaging studies using a Laue crystal analyzer. <i>Review of Scientific Instruments</i> , 1996, 67, 3360-3360.	0.6	44
25	Medical Applications of Diffraction Enhanced Imaging. <i>Breast Disease</i> , 1998, 10, 197-207.	0.4	43
26	The design and application of an in-laboratory diffraction-enhanced x-ray imaging instrument. <i>Review of Scientific Instruments</i> , 2009, 80, 093702.	0.6	42
27	Radiography of rabbit articular cartilage with diffraction-enhanced imaging. <i>The Anatomical Record</i> , 2003, 272A, 392-397.	2.3	40
28	Low-dose phase-based X-ray imaging techniques for in situ soft tissue engineering assessments. <i>Biomaterials</i> , 2016, 82, 151-167.	5.7	34
29	Bioprinting Pattern-Dependent Electrical/Mechanical Behavior of Cardiac Alginate Implants: Characterization and <i>Ex Vivo</i> Phase-Contrast Microtomography Assessment. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 548-564.	1.1	34
30	The superconducting wiggler beamport at the National Synchrotron Light Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988, 266, 226-233.	0.7	31
31	Recent advances in synchrotron radiation medical research. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 543, 288-296.	0.7	31
32	X-Ray Diffraction Enhanced Imaging as a Novel Method to Visualize Low-Density Scaffolds in Soft Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1071-1080.	1.1	29
33	Spectral K-edge subtraction imaging. <i>Physics in Medicine and Biology</i> , 2014, 59, 2485-2503.	1.6	28
34	pepo: A program for the calculation of the reflectivity of cylindrically bent Laue crystal monochromators. <i>Review of Scientific Instruments</i> , 1995, 66, 2220-2223.	0.6	27
35	Monochromatic energy-subtraction radiography using a rotating anode source and a bent Laue monochromator. <i>Physics in Medicine and Biology</i> , 1997, 42, 1751-1762.	1.6	26
36	PHOTON: A program for synchrotron radiation dose calculations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988, 266, 191-194.	0.7	25

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37	Bronchial imaging in humans using xenon K-edge dichromography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 406, 473-478.	0.7	25
38	Biochemical and physiological weaknesses associated with the pathogenesis of femoral bone degeneration in broiler chickens. Avian Pathology, 2011, 40, 639-650.	0.8	25
39	Computation of mass-density images from x-ray refraction-angle images. Physics in Medicine and Biology, 2006, 51, 1769-1778.	1.6	24
40	Pseudomonas aeruginosa triggers CFTR-mediated airway surface liquid secretion in swine trachea. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12930-12935.	3.3	24
41	Ring artifacts removal from synchrotron CT image slices. Journal of Instrumentation, 2013, 8, C06006-C06006.	0.5	23
42	Cystic fibrosis swine fail to secrete airway surface liquid in response to inhalation of pathogens. Nature Communications, 2017, 8, 786.	5.8	23
43	Biodistribution of strontium and barium in the developing and mature skeleton of rats. Journal of Bone and Mineral Metabolism, 2019, 37, 385-398.	1.3	22
44	Venous synchrotron coronary angiography. Lancet, The, 1991, 337, 360.	6.3	20
45	Mass density images from the diffraction enhanced imaging technique. Medical Physics, 2005, 32, 549-552.	1.6	20
46	Non-destructive diffraction enhanced imaging of seeds. Journal of Experimental Botany, 2007, 58, 2513-2523.	2.4	20
47	Beamlines of the Biomedical Imaging and Therapy Facility at the Canadian Light Source - Part 2. Journal of Physics: Conference Series, 2013, 425, 072013.	0.3	20
48	The concept of spatial frequency depending DQE and its application to a comparison of two detectors used in transvenous coronary angiography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 398, 351-367.	0.7	18
49	Diffraction enhanced imaging applied to materials science and medicine. Synchrotron Radiation News, 1998, 11, 4-11.	0.2	17
50	Performance evaluation of a bent Laue monochromator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 297, 268-274.	0.7	15
51	Phase-preserving beam expander for biomedical X-ray imaging. Journal of Synchrotron Radiation, 2015, 22, 801-806.	1.0	15
52	A High-Energy Monochromatic Laue (MonoLaue) X-ray Diffuse Scattering Study of KMnF3 using an Image Plate. Journal of Applied Crystallography, 1997, 30, 16-20.	1.9	14
53	Preliminary investigation of a multiple-image radiography method. , 0, , .		13
54	Diffraction-enhanced imaging of the rat spine. Canadian Association of Radiologists Journal, 2006, 57, 204-10.	1.1	13

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55	Application of absorption and refraction matching techniques for diffraction enhanced imaging. Review of Scientific Instruments, 2002, 73, 1657-1659.	0.6	12
56	Diffraction-enhanced imaging of a porcine eye. Canadian Journal of Ophthalmology, 2007, 42, 731-733.	0.4	12
57	Diffraction Enhanced X-ray Imaging of the Distal Radius: A Novel Approach for Visualization of Trabecular Bone Architecture. Canadian Association of Radiologists Journal, 2011, 62, 251-255.	1.1	12
58	Multiple energy synchrotron biomedical imaging system. Physics in Medicine and Biology, 2016, 61, 8180-8198.	1.6	11
59	Effects of spatial resolution and spectral purity on transvenous coronary angiography images. Review of Scientific Instruments, 1995, 66, 1329-1331.	0.6	10
60	X-ray optics for emission line X-ray source diffraction enhanced systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 562, 461-467.	0.7	10
61	Development of a bent Laue beam-expanding double-crystal monochromator for biomedical X-ray imaging. Journal of Synchrotron Radiation, 2014, 21, 479-483.	1.0	10
62	A novel method of bending crystals to log spiral shape. Review of Scientific Instruments, 2002, 73, 1534-1536.	0.6	9
63	Wide field imaging energy dispersive X-ray absorption spectroscopy. Scientific Reports, 2019, 9, 17734.	1.6	9
64	A phase-space beam position monitor for synchrotron radiation. Journal of Synchrotron Radiation, 2015, 22, 946-955.	1.0	9
65	Test of a bent laue double crystal fixed exit monochromator. Synchrotron Radiation News, 1994, 7, 8-11.	0.2	8
66	Producing parallel x rays with a bent-crystal monochromator and an x-ray tube. Medical Physics, 2001, 28, 1931-1936.	1.6	8
67	Visualization of ultrasound induced cavitation bubbles using the synchrotron x-ray Analyzer Based Imaging technique. Physics in Medicine and Biology, 2014, 59, 7541-7555.	1.6	8
68	Application of analyzer based X-ray imaging technique for detection of ultrasound induced cavitation bubbles from a physical therapy unit. BioMedical Engineering OnLine, 2015, 14, 91.	1.3	8
69	Spectral K-edge subtraction imaging of experimental non-radioactive barium uptake in bone. Physica Medica, 2016, 32, 1765-1770.	0.4	8
70	Three-dimensional labeling of newly formed bone using synchrotron radiation barium K-edge subtraction imaging. Physics in Medicine and Biology, 2016, 61, 5077-5088.	1.6	8
71	Potential of propagation-based synchrotron X-ray phase-contrast computed tomography for cardiac tissue engineering. Journal of Synchrotron Radiation, 2017, 24, 842-853.	1.0	8
72	A real-time phase-space beam emittance monitoring system. Journal of Synchrotron Radiation, 2019, 26, 1213-1219.	1.0	8

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73	A 1200 element detector system for synchrotron-based coronary angiography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 347, 545-552.	0.7	7
74	Compositional images from the Diffraction Enhanced Imaging technique. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 953-957.	0.7	7
75	Alternative method of diffraction-enhanced imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 424-427.	0.7	7
76	Multiple image x-radiography for functional lung imaging. Physics in Medicine and Biology, 2018, 63, 015009.	1.6	7
77	Nebulized hypertonic saline triggers nervous system-mediated active liquid secretion in cystic fibrosis swine trachea. Scientific Reports, 2019, 9, 540.	1.6	7
78	Optimization of a phase-space beam position and size monitor for low-emittance light sources. Journal of Synchrotron Radiation, 2019, 26, 1863-1871.	1.0	7
79	Respiratory-gated KES imaging of a rat model of acute lung injury at the Canadian Light Source. Journal of Synchrotron Radiation, 2017, 24, 679-685.	1.0	6
80	Source size measurement options for low-emittance light sources. Physical Review Accelerators and Beams, 2020, 23, .	0.6	6
81	NLSL transvenous coronary angiography beamline upgrade and advanced technology initiatives. Review of Scientific Instruments, 1995, 66, 1357-1360.	0.6	5
82	Diffraction enhanced imaging of soft tissues. Synchrotron Radiation News, 2002, 15, 27-34.	0.2	5
83	A device for selecting and rejecting X-ray harmonics in synchrotron radiation beams. Journal of Synchrotron Radiation, 2004, 11, 393-398.	1.0	5
84	Development of a combined K-edge subtraction and fluorescence subtraction imaging system for small animals. Review of Scientific Instruments, 2008, 79, 085102.	0.6	5
85	Development of an x-ray prism for analyzer based imaging systems. Review of Scientific Instruments, 2010, 81, 085108.	0.6	5
86	Developing a Microbubble-Based Contrast Agent for Synchrotron In-Line Phase Contrast Imaging. IEEE Transactions on Biomedical Engineering, 2021, 68, 1527-1535.	2.5	5
87	Characterization of a bent Laue double-crystal beam-expanding monochromator. Journal of Synchrotron Radiation, 2017, 24, 1146-1151.	1.0	5
88	Arterial cross-section measurements from dual energy transvenous coronary angiography images. , 0, , .		4
89	A preliminary study of multiple-image computed tomography. , 2004, , .		4
90	Synchrotron supported DEI/KES of a brain tumor in an animal model: The search for a microimaging modality. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 548, 106-110.	0.7	4

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91	Absorption edge subtraction imaging for volumetric measurement in an animal model of malignant brain tumor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 548, 88-93.	0.7	4
92	Comparison of iodine K-edge subtraction and fluorescence subtraction imaging in an animal system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 283-291.	0.7	4
93	A Brief Review of Visualization Techniques for Nerve Tissue Engineering Applications. Journal of Biomimetics, Biomaterials, and Tissue Engineering, 2010, 7, 81-99.	0.7	4
94	Set of measurements for alignment of beamline components. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 649, 225-227.	0.7	4
95	Biomedical Imaging Using Synchrotron Radiation: Experience at the Biomedical Imaging and Therapy (BMIT) Facility at the Canadian Light Source. Synchrotron Radiation News, 2015, 28, 16-23.	0.2	4
96	BMIT facility at the Canadian Light Source: Advances in X-ray phase-sensitive imaging. Physica Medica, 2016, 32, 1753-1758.	0.4	4
97	Single-exposure simultaneous diffraction-enhanced imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 492, 236-240.	0.7	3
98	Multiple-image computed tomography. , 0, , .		3
99	Fabrication of a small animal restraint for synchrotron biomedical imaging using a rapid prototyper. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 229-232.	0.7	3
100	Crystal tilt error and its correction in diffraction enhanced imaging system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 961-970.	0.7	3
101	Radiological considerations for POE-1 photon shutters, collimators and beam stops of the Biomedical Imaging and Therapy beamline at the Canadian Light Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 585, 1-11.	0.7	3
102	Diffraction-enhanced Synchrotron Imaging of Bovine Ovaries Ex Vivo. Journal of Medical Imaging and Radiation Sciences, 2014, 45, 307-315.	0.2	3
103	An energy dispersive bent Laue monochromator for K-edge subtraction imaging. AIP Conference Proceedings, 2016, , .	0.3	3
104	X-ray induced Sm-ion valence conversion in Sm-ion implanted fluoroaluminate glasses towards high-dose radiation measurement. Journal of Materials Science: Materials in Electronics, 2019, 30, 16740-16746.	1.1	3
105	Bent Laue crystal anatomy: new insights into focusing and energy-dispersion properties. Journal of Applied Crystallography, 2021, 54, 409-426.	1.9	3
106	Application of a phase space beam position and size monitor for synchrotron radiation source characterization. Physical Review Accelerators and Beams, 2019, 22, , .	0.6	3
107	Diffraction-Enhanced Computed Tomographic Imaging of Growing Piglet Joints by Using a Synchrotron Light Source. Comparative Medicine, 2015, 65, 342-7.	0.4	3
108	Probing Alzheimer's Disease Pathology and Early Detection at the NSLS with Infrared, XRF, and DEI. Synchrotron Radiation News, 2008, 21, 11-16.	0.2	2

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109	Radiation shielding study against gas bremsstrahlung for the BMIT POE3 at the Canadian light source. Radiation Physics and Chemistry, 2011, 80, 716-722.	1.4	2
110	Multiple Energy Synchrotron Biomedical Imaging System- Preliminary Results. IFMBE Proceedings, 2015, , 248-251.	0.2	2
111	25+2 poles, 4.3 T wiggler at BMIT â€“ 7 years operational experience. AIP Conference Proceedings, 2016, , .	0.3	2
112	Application of the Multiple Image Radiography Method to Breast Imaging. Lecture Notes in Computer Science, 2006, , 289-298.	1.0	2
113	Diffraction enhanced x-ray imaging of articular cartilage. , 2002, , 351-354.		2
114	Focusing and energy dispersion properties of a cylindrically bent asymmetric Laue crystal. , 2019, , .		2
115	Bystander Effects During Synchrotron Imaging Procedures?. , 2010, , .		1
116	Preliminary Bone Imaging on 05B1-1 Beamline at the Canadian Light Source: Exploration of Diffraction Enhanced Imaging. Synchrotron Radiation News, 2011, 24, 13-18.	0.2	1
117	Understanding refraction contrast using a comparison of absorption and refraction computed tomographic techniques. Journal of Instrumentation, 2013, 8, C05004-C05004.	0.5	1
118	Human factors design for the BMIT biomedical beamlines. Journal of Physics: Conference Series, 2013, 425, 022005.	0.3	1
119	A Novel Analyzer Control System for Diffraction Enhanced Imaging. Journal of Physics: Conference Series, 2013, 425, 022003.	0.3	1
120	Supplemental shielding of BMIT SOE-1 at the Canadian Light Source. Radiation Physics and Chemistry, 2014, 100, 8-12.	1.4	1
121	Is phase-contrast computed tomography more sensitive than magnetic resonance imaging in quantifying cartilage damage in osteoarthritis?. Osteoarthritis and Cartilage, 2015, 23, A258.	0.6	1
122	Data of low-dose phase-based X-ray imaging for in situ soft tissue engineering assessments. Data in Brief, 2016, 6, 644-651.	0.5	1
123	High-power-load DCLM monochromator for a computed tomography program at BMIT at energies of 25â€“150 keV. Journal of Synchrotron Radiation, 2018, 25, 1548-1555.	1.0	1
124	Experimental comparison of three methods to measure electron source properties for synchrotron radiation. Physical Review Accelerators and Beams, 2022, 25, .	0.6	1
125	Physical Model of Image Formation in Multiple-Image Radiography. , 0, , .		0
126	<title>Progress in multiple-image radiography</title>. , 2006, 6065, 256.		0

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127	Multiple Image Radiography With Diffraction Enhanced Imaging For Breast Specimen. AIP Conference Proceedings, 2007, , .	0.3	0
128	Field flatteners fabricated with a rapid prototyper for K-edge subtraction imaging of small animals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 442-447.	0.7	0
129	Diffraction-Enhanced Imaging. , 2008, , 119-125.		0
130	Bent Laue X-ray Fluorescence Imaging of Manganese in Biological Tissuesâ€”Preliminary Results. , 2010, , .		0
131	A novel beam width doubling double crystal monochromator -some preliminary findings. Journal of Physics: Conference Series, 2013, 425, 052010.	0.3	0
132	Diffraction enhanced imaging computed tomography (DEI-CT) at the BMIT facility at the Canadian Light Source. Journal of Instrumentation, 2013, 8, C08002-C08002.	0.5	0
133	Small and Ultra-Small Angle X-Ray Scattering Contrast Obtained With a Synchrotron-Based Shackâ€”Hartmann Imaging System. IEEE Transactions on Nuclear Science, 2015, 62, 2031-2035.	1.2	0
134	Synchrotron radiation shielding design and ICRP radiological protection quantities. Journal of Radiological Protection, 2015, 35, 383-390.	0.6	0
135	A monochromatic x-ray irradiation system for in vitro studies at synchrotron beamlines. Biomedical Physics and Engineering Express, 2016, 2, 055001.	0.6	0
136	Crossover artifact in X-ray focusing imaging systems: K-edge subtraction imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 910, 26-34.	0.7	0
137	Po-Poster - 35: The BioMedical Imaging and Therapy Beamline at the Canadian Light Source Inc.. Medical Physics, 2005, 32, 2416-2416.	1.6	0
138	Po-Thur Eve General-25: Development of a Tissue Sample Analysis System Using Diffraction Enhanced Imaging and Small and Wide Angle Scattering. Medical Physics, 2006, 33, 2665-2665.	1.6	0
139	Angiostatin (ANG) Inhibits Acute Lung Inflammation in Mice. FASEB Journal, 2011, 25, 300.3.	0.2	0
140	Stable Expression of the Sodium Iodide Symporter (NIS) in Metastatic Cancer Cells: A Novel Imaging Tool. FASEB Journal, 2013, 27, 1145.3.	0.2	0
141	Design of a mouse restraint for synchrotron-based computed tomography imaging. Journal of Synchrotron Radiation, 2015, 22, 1297-1300.	1.0	0
142	Measuring the criticality of the 'magic condition' for a beam-expanding monochromator. Journal of Synchrotron Radiation, 2016, 23, 1498-1500.	1.0	0
143	<i>X-ray Spectral Imaging Program: XSIP</i>. Journal of Synchrotron Radiation, 2020, 27, 1734-1740.	1.0	0
144	Developing a Microbubble-Based Contrast Agent for Synchrotron Multiple-Image Radiography. Molecular Imaging and Biology, 2022, , .	1.3	0