

# Hideaki Ohgaki

## List of Publications by Citations

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279  
papers

2,344  
citations

23  
h-index

36  
g-index

340  
ext. papers

2,572  
ext. citations

1.8  
avg. IF

4.26  
L-index

#	Paper	IF	Citations
279	Slow Positron Pulsing System for Variable Energy Positron Lifetime Spectroscopy. <i>Japanese Journal of Applied Physics</i> , <b>1991</b> , 30, L532-L534	1.4	174
278	Cross section measurements of the $^{181}\text{Ta}(\bar{h})^{180}\text{Ta}$ reaction near neutron threshold and the p-process nucleosynthesis. <i>Physical Review C</i> , <b>2003</b> , 67,	2.7	77
277	. <i>IEEE Transactions on Nuclear Science</i> , <b>1991</b> , 38, 386-392	1.7	66
276	Fine structure of the magnetic-dipole-strength distribution in $\text{Pb}208$ . <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	61
275	Simultaneous measurement of the photodisintegration of $\text{He}4$ in the giant dipole resonance region. <i>Physical Review C</i> , <b>2005</b> , 72,	2.7	57
274	Photodisintegration of $^9\text{Be}$ with laser-induced Compton backscattered $\bar{\gamma}$ ays. <i>Physical Review C</i> , <b>2000</b> , 63,	2.7	56
273	First lasing of the NIJI-IV storage-ring free-electron laser. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 331, 27-33	1.2	54
272	Detection of radioactive isotopes by using laser Compton scattered $\bar{\gamma}$ ay beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 608, S57-S61	1.2	50
271	Nondestructive Detection of Heavily Shielded Materials by Using Nuclear Resonance Fluorescence with a Laser-Compton Scattering $\bar{\gamma}$ ay Source. <i>Applied Physics Express</i> , <b>2009</b> , 2, 036502	2.4	48
270	Generation and application of Laser-Compton gamma-ray at ETL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2000</b> , 455, 54-59	1.2	47
269	Characterization of Hydrogenated Amorphous Silicon Films by a Pulsed Positron Beam. <i>Japanese Journal of Applied Physics</i> , <b>1991</b> , 30, 2438-2441	1.4	39
268	Linearly polarized photons from Compton backscattering of laser light for nuclear resonance fluorescence experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1994</b> , 353, 384-388	1.2	36
267	Photodisintegration of deuterium and big bang nucleosynthesis. <i>Physical Review D</i> , <b>2003</b> , 68,	4.9	35
266	Low-Temperature Operation of a Bulk HTSC Staggered Array Undulator. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2012</b> , 22, 4100904-4100904	1.8	33
265	Positronium formation in $\text{SiO}_2$ films grown on Si substrates studied by monoenergetic positron beams. <i>Journal of Applied Physics</i> , <b>1994</b> , 75, 3822-3828	2.5	33
264	Photodisintegration cross section measurements on $\text{W}186$ , $\text{Re}187$ , and $\text{Os}188$ : Implications for the Re-Os cosmochronology. <i>Physical Review C</i> , <b>2005</b> , 72,	2.7	29
263	s-process branching at $\text{W}185$ revised. <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	27

262	40Ca(p,d)39Ca reaction at 65 MeV. <i>Physical Review C</i> , <b>1993</b> , 48, 95-104	2.7	27
261	Positron-lifetime study on porous silicon with a monoenergetic pulsed positron beam. <i>Physical Review B</i> , <b>1994</b> , 49, 17484-17487	3.3	27
260	Nondestructive detection of hidden chemical compounds with laser Compton-scattering gamma rays. <i>Review of Scientific Instruments</i> , <b>2009</b> , 80, 045110	1.7	26
259	Generation of an intense pulsed positron beam for positron lifetime and TOF experiments. <i>Applied Surface Science</i> , <b>1995</b> , 85, 87-91	6.7	25
258	Improvement of an S-band RF gun with a Cs2Te photocathode for the KEK-ATF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 613, 1-8	1.2	23
257	High-energy photon radiography system using laser-Compton scattering for inspection of bulk materials. <i>Review of Scientific Instruments</i> , <b>2002</b> , 73, 3358-3362	1.7	23
256	Lasing in visible of a storage-ring free electron laser at ETL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1991</b> , 309, 343-347	1.2	22
255	Lasing at 12 $\mu\text{m}$ Mid-Infrared Free-Electron Laser in Kyoto University. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 8091-8094	1.4	21
254	Characterization of Separation-by-Implanted-Oxygen Wafers with Monoenergetic Positron Beams. <i>Japanese Journal of Applied Physics</i> , <b>1993</b> , 32, 3682-3686	1.4	21
253	High-Resolution Measurement of Fine Structure in the Photoabsorption Cross Section of 18O. <i>Physical Review Letters</i> , <b>1998</b> , 80, 33-36	7.4	20
252	Recent progress in generation and application of AIST laser-Compton gamma-ray beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 608, S41-S43	1.2	18
251	Moderation of Positrons Generated by an Electron Linac. <i>Materials Science Forum</i> , <b>1997</b> , 255-257, 114-118.4	1.4	18
250	Dipole strength distribution in 56Fe. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	17
249	Lasing Towards the VUV in the NIJI-IV FEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2000</b> , 445, 173-177	1.2	17
248	SiO2 films deposited on Si substrates studied by monoenergetic positron beams. <i>Journal of Applied Physics</i> , <b>1994</b> , 75, 216-222	2.5	17
247	Nondestructive Inspection System for Special Nuclear Material Using Inertial Electrostatic Confinement Fusion Neutrons and Laser Compton Scattering Gamma-Rays. <i>IEEE Transactions on Nuclear Science</i> , <b>2017</b> , 64, 1635-1640	1.7	16
246	The immediate impact of the Fukushima Daiichi accident on local property values. <i>Risk Analysis</i> , <b>2013</b> , 33, 2023-40	3.9	16
245	Absolute measurement of 192Ir. <i>Applied Radiation and Isotopes</i> , <b>1998</b> , 49, 1179-1183	1.7	16

244	Flux measurement of the laser-Compton-backscattered photons with a Poisson fitting method. <i>IEEE Transactions on Nuclear Science</i> , <b>2000</b> , 47, 1954-1957	1.7	16
243	Characterization of Diamond Films by Means of a Pulsed Positron Beam. <i>Japanese Journal of Applied Physics</i> , <b>1992</b> , 31, 2237-2240	1.4	16
242	Present Status and Perspectives of Long Wavelength Free Electron Lasers at Kyoto University. <i>Physics Procedia</i> , <b>2016</b> , 84, 47-53		16
241	Saturation of cavity-mirror degradation in the UV FEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 393, 44-49	1.2	15
240	Above-threshold ionization and high-order harmonic generation by mid-infrared and far-infrared laser pulses. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	15
239	Observation of M1 resonance in $^{206}\text{Pb}$ using a highly linear polarized photon beam. <i>Nuclear Physics A</i> , <b>1999</b> , 649, 73-76	1.3	15
238	Degradation and restoration of dielectric-coated cavity mirrors in the NIJI-IV FEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 358, 392-395	1.2	15
237	Fragmentation of neutron-hole strengths in $^{59}\text{Ni}$ observed in the $^{60}\text{Ni}(p,d)^{59}\text{Ni}$ reaction at 65 MeV. <i>Nuclear Physics A</i> , <b>1995</b> , 581, 21-41	1.3	15
236	Generation of High Energy Gamma-ray by Laser Compton Scattering of 1.94- $\mu\text{m}$ Fiber Laser in UVSOR-III Electron Storage Ring. <i>Energy Procedia</i> , <b>2016</b> , 89, 335-345	2.3	14
235	New data for total $\text{He}^3(\bar{p})\text{D}$ and $\text{He}^3(\bar{p}p)\text{n}$ cross sections compared to current theory. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	13
234	Dynamic behavior of the NIJI-IV storage ring free electron laser. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 483, 162-166	1.2	13
233	Evaluation of thermal effects due to back-streaming electrons in the IAE RF gun. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 483, 310-314	1.2	13
232	Design of a New Optical Klystron for Developing Infrared Free Electron Lasers in the Storage Ring NIJI-IV. <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, 1595-1601	1.4	13
231	$(p,d)$ reaction on $^{62}\text{Ni}$ at 65 MeV. <i>Physical Review C</i> , <b>1996</b> , 53, 1792-1803	2.7	13
230	Apparatus for positron-annihilation-induced Auger electron spectroscopy with a pulsed positron beam. <i>Applied Surface Science</i> , <b>1996</b> , 100-101, 297-300	6.7	12
229	An intense pulsed positron beam. <i>Hyperfine Interactions</i> , <b>1994</b> , 84, 345-353	0.8	12
228	Design of a 6.3-m optical klystron for a storage-ring ultraviolet free-electron laser. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1992</b> , 318, 142-147	1.2	12
227	TG-DSC Study To Measure Heat of Desorption of Water during the Thermal Drying of Coal and To Examine the Role of Adsorption of Water Vapor for Examining Spontaneous Heating of Coal over 100 °C. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 10691-10698	4.1	11

226	Pulse duration and wavelength stability measurements of a midinfrared free-electron laser. <i>Optics Letters</i> , <b>2013</b> , 38, 1068-70	3	11
225	Social Factors Affecting Economic Welfare of the Residents around Nuclear Power Plants in Japan. <i>Energy Procedia</i> , <b>2011</b> , 9, 619-629	2.3	11
224	Present status of the NIJI-IV free-electron lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1994</b> , 341, ABS3-ABS4	1.2	11
223	Lasing in the ultraviolet region with the NIJI-IV storage-ring free-electron laser. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 358, 353-357	1.2	11
222	Strength function of the d5/2 hole state in 39Ca. <i>Physical Review C</i> , <b>1989</b> , 39, 1658-1661	2.7	11
221	Two-Dimensional Isotope Imaging of Radiation Shielded Materials Using Nuclear Resonance Fluorescence. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 100209	1.4	11
220	Simulation Study on Computer Tomography Imaging of Nuclear Distribution by Quasi Monoenergetic Gamma Rays with Nuclear Resonance Fluorescence: Case Study for ELI-NP Application. <i>Energy Procedia</i> , <b>2016</b> , 89, 389-394	2.3	11
219	Back bombardment for dispenser and lanthanum hexaboride cathodes. <i>Physical Review Special Topics: Accelerators and Beams</i> , <b>2011</b> , 14,		10
218	An apparatus for high-resolution positron-annihilation induced Auger-electron spectroscopy using a time-of-flight technique. <i>Applied Surface Science</i> , <b>1997</b> , 116, 177-180	6.7	10
217	Photon spectrometry in thermal neutron standard field. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 476, 213-217	1.2	10
216	Lasing down to the deep UV in the NIJI-IV FEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 429, 159-164	1.2	10
215	Improvement of the beam quality by chromaticity correction for wavelength shortening in the NIJI-IV FEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 429, 185-190	1.2	10
214	Polarized gamma-rays with laser-Compton backscattering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 375, 602-605	1.2	10
213	Investigation of Near Surface Defects by Variable-Energy Positron Lifetime Spectroscopy. <i>Materials Science Forum</i> , <b>1992</b> , 105-110, 1459-1462	0.4	10
212	Present status of a 500 MeV compact electron storage ring for UV FEL experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1992</b> , 318, 135-141	1.2	10
211	Formulation of the Heat Generation Rate of Low-Temperature Oxidation of Coal by Measuring Heat Flow and Weight Change at Constant Temperatures Using Thermogravimetry-Differential Scanning Calorimetry. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 11669-11680	4.1	9
210	Transient beam loading effects due to back-streaming electrons onto a thermionic cathode in an RF gun. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 483, 315-320	1.2	9
209	Design studies of IR-FEL system at IAE, Kyoto University. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 507, 150-153	1.2	9

208	A new astrophysical probe and its applications. <i>Nuclear Physics A</i> , <b>2003</b> , 718, 199-206	1.3	9
207	Positron annihilation in a metal-oxide semiconductor studied by using a pulsed monoenergetic positron beam. <i>Journal of Applied Physics</i> , <b>1993</b> , 74, 7251-7256	2.5	9
206	Position Resolution of a Gas Counter in the SQS Transition Region. <i>IEEE Transactions on Nuclear Science</i> , <b>1986</b> , 33, 381-384	1.7	9
205	High-extraction-efficiency operation of a midinfrared free electron laser enabled by dynamic cavity desynchronization. <i>Physical Review Accelerators and Beams</i> , <b>2020</b> , 23,	1.8	9
204	Effect of Solvent on the Degradative Solvent Extraction of Low Rank Coal. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 11954-11962	4.1	8
203	Emission properties and back-bombardment for CeB6 compared to LaB6. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 064503	2.5	8
202	Magnetic property of a staggered-array undulator using a bulk high-temperature superconductor. <i>Physical Review Special Topics: Accelerators and Beams</i> , <b>2014</b> , 17,		8
201	Nondestructive identification of isotopes using nuclear resonance fluorescence. <i>Review of Scientific Instruments</i> , <b>2012</b> , 83, 015103	1.7	8
200	Beam quality in storage ring NIJI-IV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 393, 38-43	1.2	8
199	Photonuclear reaction data and $\gamma$ sources for astrophysics. <i>European Physical Journal A</i> , <b>2006</b> , 27, 153-158	2.5	8
198	Gamma-ray imaging with the Compton-backscattered laser photons. <i>IEEE Transactions on Nuclear Science</i> , <b>2002</b> , 49, 182-187	1.7	8
197	High sensitivity of positron-annihilation induced Auger-electron spectroscopy to surface impurities. <i>Applied Surface Science</i> , <b>1996</b> , 100-101, 73-76	6.7	8
196	Positron lifetime study on ion-implanted amorphous SiO <sub>2</sub> with a variable-energy pulsed positron beam. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1994</b> , 91, 410-412	1.2	8
195	Visible oscillation of storage-ring free electron laser on TERAS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1992</b> , 318, IN1-37	1.2	8
194	Low-lying dipole strength in Cr52. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	7
193	Demonstration of tomographic imaging of isotope distribution by nuclear resonance fluorescence. <i>AIP Advances</i> , <b>2019</b> , 9, 035101	1.5	7
192	CeB6: Emission Performance and Uniformity Compared With LaB6 for Thermionic RF Guns. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 63, 1326-1332	2.9	7
191	Towards a Low Emission Transport System: Evaluating the Public Health and Environmental Benefits. <i>Energies</i> , <b>2019</b> , 12, 3747	3.1	7

190	Characterization of non-Gaussian mid-infrared free-electron laser beams by the knife-edge method. <i>Infrared Physics and Technology</i> , <b>2014</b> , 66, 146-151	2.7	7
189	Demonstration of a High-Field Short-Period Undulator Using Bulk High-Temperature Superconductor. <i>Applied Physics Express</i> , <b>2013</b> , 6, 042701	2.4	7
188	Characteristics of the NIJI-IV UV-VUV FEL system toward lasing down to 150nm using a compact storage ring. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2001</b> , 475, 205-210	1.2	7
187	Fine Structure of Giant Resonance in the $^{28}\text{Si}(\alpha, n)^{31}\text{P}$ Reaction. <i>Journal of Nuclear Science and Technology</i> , <b>2001</b> , 38, 465-469	1	7
186	FEL oscillation on TERAS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 331, 103-106	1.2	7
185	Optical potentials for alpha particles on Ca isotopes at 1.37 GeV. <i>Physical Review C</i> , <b>1989</b> , 40, 1323-1334	2.7	7
184	Characteristics of the Self-Quenching Streamer Mode in a Gas Counter. <i>Japanese Journal of Applied Physics</i> , <b>1984</b> , 23, L922-L924	1.4	7
183	Comparison of the Heating Properties of LaB <sub>6</sub> and CeB <sub>6</sub> Due to the Back Comparison of the Heating Properties of LaB <sub>6</sub> and CeB <sub>6</sub> Due to the Back. <i>Journal of the Korean Physical Society</i> , <b>2011</b> , 59, 3273-3279	0.6	7
182	Reaction-yield dependence of the $(\alpha, n)$ reaction of $^{238}\text{U}$ on the target thickness. <i>Journal of Nuclear Science and Technology</i> , <b>2015</b> , 52, 811-820	1	6
181	The Effects of Rural Electrification on Quality of Life: A Southeast Asian Perspective. <i>Energies</i> , <b>2020</b> , 13, 2410	3.1	6
180	Selective Isotope CT Imaging Based on Nuclear Resonance Fluorescence Transmission Method. <i>IEEE Transactions on Nuclear Science</i> , <b>2020</b> , 67, 1976-1984	1.7	6
179	Degradative solvent extraction of biomass using petroleum based solvents. <i>Bioresource Technology</i> , <b>2018</b> , 260, 169-176	11	6
178	Nuclear Resonance Fluorescence of $^{235}\text{U}$ Measured with High-Resolution LaBr <sub>3</sub> (Ce) Scintillation Detectors. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 106401	1.4	6
177	Damage threshold and focusability of mid-infrared free-electron laser pulses gated by a plasma mirror with nanosecond switching pulses. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 191105	3.4	6
176	Zinc Plasma Emission from Zinc Oxide Ceramics under a Microwave Electric Field. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 080219	1.4	6
175	Two-Dimensional Isotope Imaging of Radiation Shielded Materials Using Nuclear Resonance Fluorescence. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 100209	1.4	6
174	Single-shot spectra of temporally selected micropulses from a mid-infrared free-electron laser by upconversion. <i>Optics Letters</i> , <b>2012</b> , 37, 5148-50	3	6
173	Precision test of charge symmetry of nuclear force via photonuclear reactions of $^4\text{He}$ . <i>Nuclear Physics A</i> , <b>1998</b> , 629, 475-478	1.3	6

172	Development of IR-FEL facility for energy science in Kyoto University. <i>Infrared Physics and Technology</i> , <b>2008</b> , 51, 382-385	2.7	6
171	Study of expected performance of the hard X-ray beam for the FEL-X project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 483, 429-433	1.2	6
170	Improvement of the RF system in the storage ring NIJI-IV for VUV free electron lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2000</b> , 445, 437-441	1.2	6
169	Development of a photoneutron detection system at ETL Laser-Compton-backscattered photon facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1999</b> , 422, 95-100	1.2	6
168	Lasing at 352 nm of the NIJI-IV Storage-Ring Free-Electron Laser. <i>Japanese Journal of Applied Physics</i> , <b>1994</b> , 33, L1224-L1227	1.4	6
167	Free electron laser experiment at ETL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1991</b> , 304, 86-92	1.2	6
166	. <i>IEEE Transactions on Nuclear Science</i> , <b>1989</b> , 36, 223-226	1.7	6
165	Properties of THz coherent undulator radiation generated from a compact accelerator source at Kyoto University. <i>Review of Scientific Instruments</i> , <b>2019</b> , 90, 103307	1.7	5
164	Nuclear power-related facilities and neighboring land price: a case study on the Mutsu-Ogawara region, Japan. <i>Risk Analysis</i> , <b>2011</b> , 31, 1969-94	3.9	5
163	Nondestructive inspection of explosive materials using linearly polarized two-colored photon beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 652, 21-24	1.2	5
162	Conceptual design of a nuclear material detection system based on the neutron / gamma-ray hybrid approach <b>2010</b> ,		5
161	Beam Energy Compensation in a Thermionic RF Gun by Cavity Detuning. <i>IEEE Transactions on Nuclear Science</i> , <b>2009</b> , 56, 1487-1491	1.7	5
160	Control and measurement system for positron experiments at the ETL linac facility. <i>Applied Surface Science</i> , <b>1997</b> , 116, 187-191	6.7	5
159	SRFEL, FEL-X project, and applications at the ETL. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1998</b> , 144, 83-89	1.2	5
158	Characteristics of the NIJI-IV FEL at the electron-beam energy of 263 MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 407, 187-192	1.2	5
157	Reducing Energy Degradation Due to Back-bombardment Effect with Modulated RF Input in S-band Thermionic RF Gun. <i>AIP Conference Proceedings</i> , <b>2007</b> ,	0	5
156	Study on Energy Variable Laser-Compton Gamma-ray with a Fixed Energy Electron Beam. <i>Journal of Nuclear Science and Technology</i> , <b>2007</b> , 44, 698-702	1	5
155	Investigation of carbon contamination on SR-irradiated devices. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 527, 624-631	1.2	5



154	Single bunch injection of the storage ring NIJI-IV for FEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1994</b> , 341, 367-370 <sup>1.2</sup>	5
153	Self-quenching streamers in Kr-mixtures. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 281, 243-245	1.2 5
152	Thermally assisted photoemission effect on CeB6 and LaB6 for application as photocathodes. <i>Physical Review Accelerators and Beams</i> , <b>2017</b> , 20,	1.8 5
151	Measurement of bunch length evolution in electron beam macropulse of S-band linac using coherent edge radiation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2019</b> , 383, 389-395	2.3 5
150	Study on anomalous photoemission of LaB6 at high temperatures. <i>Physica Scripta</i> , <b>2019</b> , 94, 075701	2.6 4
149	Analysis of nuclear resonance fluorescence excitation measured with LaBr3(Ce) detectors near 2MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 729, 102-107	1.2 4
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