

Satoshi Obara

List of Publications by Year in descending order

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papers

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1040056

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21
all docs

21
docs citations

21
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	Double Photoexcitation of Helium in a Strong dc Electric Field. <i>Physical Review Letters</i> , 2003, 90, 133002.	7.8	39
2	Estimation of absorbed radiation dose rates in wild rodents inhabiting a site severely contaminated by the Fukushima Dai-ichi nuclear power plant accident. <i>Journal of Environmental Radioactivity</i> , 2015, 142, 124-131.	1.7	35
3	Photoexcitation of K-shell and L-shell Hollow Beryllium. <i>Physical Review Letters</i> , 2006, 97, 023001.	7.8	18
4	Estimate of Photonuclear Reaction in a Medical Linear Accelerator Using a Water-Equivalent Phantom. <i>Progress in Nuclear Science and Technology</i> , 2011, 2, 803-807.	0.3	18
5	Doubly excited states of helium observed in N- and l-specific partial photoionization cross-sections using lifetime-resolved fluorescence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, L319-L326.	1.5	11
6	Comparison of neutron fluxes in an 18-MeV unshielded cyclotron room and a 16.5-MeV self-shielded cyclotron room. <i>Radiological Physics and Technology</i> , 2012, 5, 156-165.	1.9	11
7	Correlation analysis of organ doses determined by Monte Carlo simulation with dose metrics for patients undergoing chest-abdomen-pelvis CT examinations. <i>Physica Medica</i> , 2020, 77, 1-9.	0.7	10
8	Induced radioactive nuclides of 10-MeV radiotherapy accelerators detected by using a portable HP-Ge survey meter. <i>Radiation Protection Dosimetry</i> , 2012, 148, 168-173.	0.8	9
9	Measurement of the secondary neutron dose distribution from the LET spectrum of recoils using the CR-39 plastic nuclear track detector in 10 MV X-ray medical radiation fields. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 349, 239-245.	1.4	9
10	Radiotheranostic Agent ^{64}Cu -cyclam-RAFT-c(-RGDFK)-4 for Management of Peritoneal Metastasis in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 6230-6241.	7.0	9
11	Analysis of $1s(2s2pP3)n\text{L}$ Rydberg states in the K-shell photoionization of the Be atom. <i>Physical Review A</i> , 2006, 73, .	2.5	8
12	Partial photoionization of helium into the $2s2S$ and $2p2P$ ion states in the $3\text{lnl}^{\infty 2}$ doubly-excited states region. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, L153-L160.	1.5	7
13	Variation of $3s$ Photoionization Resonance Structures in a Serial Atomic Number Species Ar, K, and Ca. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 294-298.	1.6	7
14	Absolute Total (Counting) and Charge-Separated Partial Cross-Sections for Electron Impact Ionization of La, Pr, Ho, Tm, and Lu Atoms. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 3193-3201.	1.6	6
15	Observation of perturbed $3snp$ double photoexcited Rydberg series of beryllium atoms. <i>Physical Review A</i> , 2006, 73, .	2.5	5
16	Radiologic assessment of a self-shield with boron-containing water for a compact medical cyclotron. <i>Radiological Physics and Technology</i> , 2012, 5, 129-137.	1.9	4
17	$1s(2s2pP1)P2n\text{l}$, $1s(2s3sS3,1)S2np$, and $1s(2s3pP1)P2ns$ K-shell photoexcited Rydberg series of beryllium atoms. <i>Physical Review A</i> , 2007, 75, .	2.5	3
18	Photoion-Yield Study of the $n\text{s}^{\infty}$ ($n=3, 4, \text{ and } 5$) Autoionizing Resonances in Ca, Sr, and Ba Atoms. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 044301.	1.6	3

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19	K-shell photoionization spectra of atomic beryllium between $1s2s2$ and $1s(2s2p3P)4s$. Physical Review A, 2014, 90, .	2.5	2
20	Photoabsorption Spectra of Double- and Triple-Excitations above the Calcium 3p Threshold. Journal of the Physical Society of Japan, 2011, 80, 034301.	1.6	0
21	Estimation of organ doses and effective doses in image-guided respiration-gated radiotherapy. Radiation Protection Dosimetry, 2016, 168, 83-91.	0.8	0