

Author Full Names	Article Title	Times Cited, WoS Core	Publication Year	Volume	Issue	Start Page	End Page	DOI
Yamamoto, Seiichi	Discovery of the luminescence of water during irradiation of radiation at a lower energy than the Cherenkov light threshold	5	2021	14	1	16	24	10.1007/s12194-020-00588-x
Ota, Ryosuke	Photon counting detectors and their applications ranging from particle physics experiments to environmental radiation monitoring and medical imaging	4	2021	14	2	134	148	10.1007/s12194-021-00615-5
Furuta, Takuya; Sato, Tatsuhiko	Medical application of particle and heavy ion transport code system PHITS	2	2021	14	3	215	225	10.1007/s12194-021-00628-0
Doi, Kunio	Message from the retiring Editor-in-Chief	1	2021	14	3	211	211	10.1007/s12194-021-00635-1
Maruyama, Tomoko; Hayashi, Norio; Sato, Yusuke; Ogura, Toshihiro; Uehara, Masumi; Ogura, Akio; Watanabe, Haruyuki; Kitoh, Yoshihiro	Simultaneous brain structure segmentation in magnetic resonance images using deep convolutional neural networks	1	2021	14	4	358	365	10.1007/s12194-021-00633-3
Ito, Toshimune; Tsuchikame, Hirotatsu; Ichikawa, Hajime; Onoguchi, Masahisa; Okuda, Koichi; Shibutani, Takayuki; Yokotsuka, Noriyo; Tomizawa, Hiroshi	Verification of phantom accuracy using a Monte Carlo simulation: bone scintigraphy chest phantom	1	2021	14	3	336	344	10.1007/s12194-021-00631-5
Takahashi, Junji; Machida, Yoshio; Aoba, Minami; Nawa, Yuki; Kamoshida, Ryo; Fukuzawa, Kei; Ohmoto-Sekine, Yuki	Noise power spectrum in compressed sensing magnetic resonance imaging	1	2021	14	1	93	99	10.1007/s12194-021-00608-4
Nakano, Hisashi; Tanabe, Satoshi; Yamada, Takumi; Utsunomiya, Satoru; Takizawa, Takeshi; Sakai, Madoka; Sasamoto, Ryuta; Sakai, Hironori; Nakano, Toshimichi; Saito, Hirotake; Ohta, Atsushi; Kaidu, Motoki; Ishikawa, Hiroyuki	Maximum distance in single-isocenter technique of stereotactic radiosurgery with rotational error using margin-based analysis	1	2021	14	1	57	63	10.1007/s12194-020-00602-2

Moussous, Ouiza	Characterization of ferrous-agarose-xyleneol gel dosimeter at Co-60 gamma-rays beam therapy unit	1	2021	14	1	105	112	10.1007/s12194-020-00600-4
Endo, Masahiro; Mori, Shinichiro	Michael Goitein (1939-2016): inventor of three-dimensional planning systems with image-guided beam delivery for radiation therapy	1	2021	14	1	1	5	10.1007/s12194-020-00587-y
Guo, Wei; Gu, Xiaomeng; Fang, Qiming; Li, Qiang	Comparison of performances of conventional and deep learning-based methods in segmentation of lung vessels and registration of chest radiographs	1	2021	14	1	6	15	10.1007/s12194-020-00584-1

Data source: 参考文献检索, Web of Science, as of 18 March 2022