

| 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 | 2                     | 2021             | 14     | 2     | 134        | 148      | 10.1007/s12194-021-00615-5 |
| Doi, Kunio  | Message from the retiring Editor-in-Chief  | 1                     | 2021             | 14     | 3     | 211        | 211      | 10.1007/s12194-021-00635-1 |
| Furuta, Takuya;<br>Sato, Tatsuhiko  | Medical application of particle and heavy ion transport code system PHITS  | 1                     | 2021             | 14     | 3     | 215        | 225      | 10.1007/s12194-021-00628-0 |
| Takahashi, Junji;<br>Machida, Yoshio;<br>Aoba, Minami;<br>Nawa, Yuki;<br>Kamoshida, Ryo;<br>Fukuzawa, Kei;<br>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;<br>Tanabe, Satoshi;<br>Yamada, Takumi;<br>Utsunomiya, Satoru;<br>Takizawa, Takeshi;<br>Sakai, Madoka;<br>Sasamoto, Ryuta;<br>Sakai, Hironori;<br>Nakano, Toshimichi;<br>Saito, Hirotake;<br>Ohta, Atsushi;<br>Kaidu, Motoki;<br>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;<br>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;<br>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 |

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