

| Author Full Names | Article Title | Times Cited | Publication Year | Volume | Issue | Start Page | End Page | DOI |
|---|--|-------------|------------------|--------|-------|------------|----------|----------------------------|
| Nishitani, Yuya; Nakayama, Ryohei; Hayashi, Daisei; Hizukuri, Akiyoshi; Murata, Kan | Segmentation of teeth in panoramic dental X-ray images using U-Net with a loss function weighted on the tooth edge | 12 | 2021 | 14 | 1 | 64 | 69 | 10.1007/s12194-020-00603-1 |
| Yamamoto, Seiichi | Discovery of the luminescence of water during irradiation of radiation at a lower energy than the Cherenkov light threshold | 12 | 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 | 11 | 2021 | 14 | 2 | 134 | 148 | 10.1007/s12194-021-00615-5 |
| Nemoto, Takafumi; Futakami, Natsumi; Kunieda, Etsuo; Yagi, Masamichi; Takeda, Atsuya; Akiba, Takeshi; Mutu, Eride; Shigematsu, Naoyuki | Effects of sample size and data augmentation on U-Net-based automatic segmentation of various organs | 6 | 2021 | 14 | 3 | 318 | 327 | 10.1007/s12194-021-00630-6 |
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| Morishita, Junji; Ueda, Yasuyuki | New solutions for automated image recognition and identification: challenges to radiologic technology and forensic pathology | 3 | 2021 | 14 | 2 | 123 | 133 | 10.1007/s12194-021-00611-9 |
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| Robatjazi, Mostafa; Baghani, Hamid Reza; Porouhan, Pejman | Dosimetric comparison between different tangential field arrangements during left-sided breast cancer radiotherapy | 1 | 2021 | 14 | 3 | 226 | 237 | 10.1007/s12194-021-00621-7 |
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Data source: [基本検索](#), Web of Science, as of 26 May 2023