

アイソトープ診断治療学分野 (原研放射)

論文

A 欧文

A-a

- 1 . Hori H, Orita M, Taira Y, Matsunaga H, Kudo T, Takamura N: Factors affecting anxiety among administrative officers working within the urgent protective action planning zone of a nuclear power station. *PLoS One* 15(8): e0236997-0 2020 doi: 10.1371/journal.pone.0236997. (IF: 3.24) *
- 2 . Ihara M, Shichijo K, Ashizawa K, Matsuda K, Otsubo R, Horie I, Nakashima M, Kudo T: Relationship between thyroid tumor radiosensitivity and nuclear localization of DNA-dependent protein kinase catalytic subunit. *J Radiat Res* 61(4): 511, 2020 doi: 10.1093/jrr/rraa032. (IF: 2.724) *
- 3 . Ihara M, Shichijo K, Takeshita S, Kudo T: Wortmannin, a specific inhibitor of phosphatidylinositol-3-kinase, induces accumulation of DNA double-strand breaks. *J Radiat Res* 61(2): 171-176, 2020 doi: 10.1093/jrr/rrz102. (IF: 2.724) *
- 4 . Kamasaki T, Mori K, Taira Y, Orita M, Miyamoto I, Usui T, Chiba K, Kudo T, Takamura N: PET/computed tomography shows association between subjective pain in knee joints and fluorine-18-fluorodeoxyglucose uptake. *Nucl Med Commun.* 41(3): 241-245, 2020 doi: 10.1097/MNM.0000000000001143. (IF: 1.69) *
- 5 . Kawano H, Kudo T, Maemura K: (123)I- β -Methyl Iodophenyl Pentadecanoic Acid and (201)Thallium Dual Myocardial Single-Photon Emission Computed Tomography (BMIPP/Tl SPECT) Detection of Myocardial Damage of Systemic Sclerosis. *Circ J.* 8(10): 1886, 2020 doi: 10.1253/circj.CJ-20-0516. (IF: 2.993) *
- 6 . Kudo T, Inano A, Midorikawa S, Kubo H, Hayashi K, Nakashima S, Fukushima C, Maeda K, Oriuchi N, Irie S, Yamashita S, Kusuhara H: Determination of the Kinetic Parameters for 123I Uptake by the Thyroid, Thyroid Weights, and Thyroid Volumes in Present-day Healthy Japanese Volunteers. *Health Phys* 118(4): 417-426, 2020 doi: 10.1097/HP.0000000000001144. (IF: 1.316) *
- 7 . Matsukawa K, Arimura T, Orita M, Kondo H, Chuman I, Ogino T, Taira Y, Kudo T, Takamura N: Health-related quality of life in Japanese patients with prostate cancer following proton beam therapy: an institutional cohort study. *Jpn J Clin Oncol.* 50(5): 519-527, 2020 doi: 10.1093/jjco/hyaa027. (IF: 3.109) *
- 8 . Matsunaga H, Orita M, Taira Y, Kudo T, Kondo H, Yamashita S, Takamura N: Intention to Return and Perception of the Health Risk Due to Radiation Exposure Among Residents in Tomioka Town, Fukushima Prefecture, Stratified by Gender and Generation. *Disaster Med Public Health Prep.* : 1-8, 2020 doi: 10.1017/dmp.2020.319. (IF: 1.385) *
- 9 . Yoshida M, Tashiro M, Nishi K, Mishima M, Kawano K, Takazono T, Saijo T, Yamamoto K, Imamura Y, Miyazaki T, Kudo T, Yanagihara K, Mukae H and Izumikawa K: Detection of invasive pulmonary aspergillosis in mice using lung perfusion single-photon emission computed tomography with [99mTc]MAA. *Med Mycol.* 58(7): 965-972, 2020 doi: 10.1093/mmy/myz131. (IF: 4.076) ○★▽*
- 10 . Kobayashi M, Nishi K, Mizutani A, Okudaira H, Nakanishi T, Shikano N, Nishii R, Tamai I, Kawai K: Transport mechanism and affinity of [99mTc]mercaptoacetyltriglycine ([99mTc]MAG3) on the apical membrane of renal proximal tubule cells. *Nucl Med Biol* 84-85: 33-37, 2020 doi: 10.1016/j.nucmedbio.2020.01.002. (IF: 2.408) ▽*
- 11 . Fuchigami T, Kawasaki M, Watanabe H, Nakagaki T, Nishi K, Sano K, Atarashi R, Nakaie M, Yoshida S, Ono M, Nishida N, Nakayama M: Feasibility studies of radioiodinated pyridyl benzofuran derivatives as potential SPECT imaging agents for prion deposits in the brain. *Nucl Med Biol* 90-91: 41-48, 2020 doi: 10.1016/j.nucmedbio.2020.09.003. (IF: 2.408) ★▽*
- 12 . Kobayashi M, Mizutani A, Nishi K, Muranaka Y, Nishii R, Shikano N, Nakanishi T, Tamai I, Kleiner ES, Kawai K: [131I]MIBG exports via MRP transporters and inhibition of the MRP transporters improves accumulation of [131I]MIBG in neuroblastoma. *Nucl Med Biol* 90-91: 49-54, 2020 doi: 10.1016/j.nucmedbio.2020.09.004. (IF: 2.408) ▽*
- 13 . Ikebe Y, Ishimaru H, Imai H, Abe K, Izumo T, Morofuji Y, Ideguchi R, Morikawa M, Uetani M: Quantitative Susceptibility Mapping for Carotid Atherosclerotic Plaques: A Pilot Study. *Magn Reson Med Sci* (19)2: 135-140, 2020 doi: 10.2463/mrms.mp.2018-0077. (IF: 2.471) *
- 14 . Sasaki, M., Hotokezaka, Y., Ideguchi, R., Uetani, M., Fujita, S: Traumatic myositis ossificans: multifocal lesions suggesting malignancy on FDG-PET/CT—a case report. *Skeletal Radiology*, 50(1): 249-254, 2020 doi: 10.1007/s00256-020-03521-w. (IF: 2.199) *

A-b

- 1 . Chen X, Kudo T, Lapa C, Buck A, Higuchi T: Recent advances in radiotracers targeting norepinephrine transporter: structural development and radiolabeling improvements *J Neural Transm (Vienna)* 127(6): 851-873, 2020 doi: 10.1007/s00702-020-02180-4. (IF: 3.575) *

- 2 . Kudo T, Imakhanova A: Quantification of amyloid deposition using bone scan agents. J Nucl Cardiol epub: 2020 doi: 10.1007/s12350-020-02340-9. (IF: 5.952) *

A-c

- 1 . Nishi K, Kudo T: Chapter1-7 PET/CT for Inflammatory Diseases-Basic Science, Typical Cases, and Review : 34-37, 2020 .

B 邦文

B-b

- 1 . 井手口怜子、森川実、工藤崇: 髄膜腫、間葉系腫瘍. 画像診断 40(1): 83-92, 2020

B-e-2

- 1 . 西 弘大: 小動物用PET、SPECTによる分子イメージング研究ガイド. 2020 ★▽

論文研究業績集計表

論文数一覧

	A-a	A-b	A-c	A-d	A-e	SCI	合計	B-a	B-b	B-c	B-d	B-e	合計	総計
2020	14	2	1	0	0	16	17	0	1	0	0	1	2	19

学会発表数一覧

	A-a	A-b シンポジウム	A-b 学会	合計	B-a	B-b シンポジウム	B-b 学会	合計	総計
2020	0	1	1	2	4	3	0	7	9

論文総数に係る教員生産係数

	欧文論文総数 論文総数	教員生産係数 (欧文論文)	SCI 掲載論文数 欧文論文総数	教員生産係数 (SCI 掲載論文)
2020	0.895	5.667	0.941	5.333

Impact Factor 値一覧

	Impact Factor	教員当たりのImpact Factor	論文当たりのImpact Factor
2020	44.678	14.893	2.792