# Adam Leon Kesner

List of Publications by Year
in descending order



| 19 | 332 | 1163117 8 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 432 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A new fast and fully automated software based algorithm for extracting respiratory signal from raw PET data and its comparison to other methods. Medical Physics, 2010, 37, 5550-5559. | 3.0 | 79 |
| 2 | Validation of Software Gating: A Practical Technology for Respiratory Motion Correction in PET. Radiology, 2016, 281, 239-248. | 7.3 | 56 |
| 3 | The Impact of Positron Range on PET Resolution, Evaluated with Phantoms and PHITS Monte Carlo Simulations for Conventional and Non-conventional Radionuclides. Molecular Imaging and Biology, 2020, 22, 73-84. | 2.6 | 50 |
| 4 | Respiratory Gated PET Derived in a Fully Automated Manner From Raw PET Data. IEEE Transactions on Nuclear Science, 2009, 56, 677-686. | 2.0 | 37 |
| 5 | New PET technologies â€“ embracing progress and pushing the limits. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2711-2726. | 6.4 | 35 |
| 6 | Dataâ€driven optimal binning for respiratory motion management in <scp>PET</scp>. Medical Physics, 2018, 45, 277-286. | 3.0 | 15 |
| 7 | Medical imaging data in the digital innovation age. Medical Physics, 2018, 45, e40-e52. | 3.0 | 13 |
| 8 | Real-time data-driven motion correction in PET. EJNMMI Physics, 2019, 6, 3. | 2.7 | 10 |
| 9 | Carpe Datum: A Consideration of the Barriers and Potential of Data-Driven PET Innovation. Journal of the American College of Radiology, 2016, 13, 106-108. | 1.8 | 6 |
| 10 | Modern Radiopharmaceutical Dosimetry Should Include Robust Biodistribution Reporting. Journal of Nuclear Medicine, 2018, 59, 1507-1509. | 5.0 | 6 |
| 11 | The IAEA Radiotracer Biodistribution Template â€“ A community resource for supporting the standardization and reporting of radionuclide pre-dosimetry data. Physica Medica, 2017, 44, 83-85. | 0.7 | 5 |
| 12 | The relevance of data driven motion correction in diagnostic PET. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 2326-2327. | 6.4 | 5 |
| 13 | Current state of data-based gating technology in PET imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 785-785. | 6.4 | 4 |
| 14 | Personalized dosimetry of <sup>177</sup>Lu-DOTATATE: a comparison of organ- and voxel-level approaches using open-access images. Biomedical Physics and Engineering Express, 2021, 7, 057002. | 1.2 | 4 |
| 15 | The Evolution of PET/MR Is Hindered by Our Fieldâ€™s Reluctance to Provide Critical Evaluation. Journal of Nuclear Medicine, 2021, 62, 462-463. | 5.0 | 4 |
| 16 | Dataâ€driven motion correction will replace motionâ€tracking devices in molecular imagingâ€guided radiation therapy treatment planning. Medical Physics, 2018, 45, 3477-3480. | 3.0 | 2 |
| 17 | The cultivation of supply side data science in medical imaging: an opportunity to define the future of global health. European Journal of Nuclear Medicine and Molecular Imaging, 2021, , 1. | 6.4 | 1 |
| 18 | Optimal Dose for Whole-Body 18F-Fluorodeoxyglucose PET/CT Imaging. Journal of the American College of Radiology, 2014, 11, 920-922. | 1.8 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Data-Driven Motion Correction in Clinical PET: A Joint Accomplishment of Creative Academia and Industry. Journal of Nuclear Medicine, 2021, 62, 433-434. | 5.0 | 0 |