David Borrego

List of Publications by Year
in descending order

24 papers	438 citations	840776 11 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	681 citing authors

#	Article	IF	Citations
1	Leukaemia and myeloid malignancy among people exposed to low doses (<100 mSv) of ionising radiation during childhood: a pooled analysis of nine historical cohort studies. Lancet Haematology,the, 2018, 5, e346-e358.	4.6	103
2	Skin dose mapping for fluoroscopically guided interventions. Medical Physics, 2011, 38, 5490-5499.	3.0	66
3	Occupational radiation exposure and risk of cataract incidence in a cohort of US radiologic technologists. European Journal of Epidemiology, 2018, 33, 1179-1191.	5.7	59
4	Occupational Doses to Medical Staff Performing or Assisting with Fluoroscopically Guided Interventional Procedures. Radiology, 2020, 294, 353-359.	7.3	30
5	The impact of anthropometric patientâ€phantom matching on organ dose: A hybrid phantom study for fluoroscopy guided interventions. Medical Physics, 2011, 38, 1008-1017.	3.0	23
6	Assessment of PCXMC for patients with different body size in chest and abdominal x ray examinations: a Monte Carlo simulation study. Physics in Medicine and Biology, 2018, 63, 065015.	3.0	22
7	Occupational radiation exposure and glaucoma and macular degeneration in the US radiologic technologists. Scientific Reports, 2018, 8, 10481.	3.3	15
8	Causes of cardiovascular and noncardiovascular death in the ISCHEMIA trial. American Heart Journal, 2022, 248, 72-83.	2.7	15
9	A hybrid phantom system for patient skin and organ dosimetry in fluoroscopically guided interventions. Medical Physics, 2017, 44, 4928-4942.	3.0	14
10	Cataract risk in US radiologic technologists assisting with fluoroscopically guided interventional procedures: a retrospective cohort study. Occupational and Environmental Medicine, 2019, 76, 317-325.	2.8	14
11	Trends in Occupational Radiation Doses for U.S. Radiologic Technologists Performing General Radiologic and Nuclear Medicine Procedures, 1980â€“2015. Radiology, 2021, 300, 605-612.	7.3	13
12	Physical validation of UF-RIPSA: A rapid in-clinic peak skin dose mapping algorithm for fluoroscopically guided interventions. Journal of Applied Clinical Medical Physics, 2018, 19, 343-350.	1.9	11
13	Organ-specific dose coefficients derived from Monte Carlo simulations for historical (1930s to 1960s) fluoroscopic and radiographic examinations of tuberculosis patients. Journal of Radiological Protection, 2019, 39, 950-965.	1.1	11
14	Lymphoma and multiple myeloma in cohorts of persons exposed to ionising radiation at a young age. Leukemia, 2021, 35, 2906-2916.	7.2	7
15	The HARMONIC project: Study design for assessment of cancer risks following cardiac fluoroscopy in childhood. Journal of Radiological Protection, 2020, , .	1.1	6
16	Comparison of methods for individualized astronaut organ dosimetry: Morphometry-based phantom library versus body contour autoscaling of a reference phantom. Life Sciences in Space Research, 2017, 15, 23-31.	2.3	5
17	Organ doses in pediatric patients undergoing cardiacâ€centered fluoroscopically guided interventions: Comparison of three methods for computational phantom alignment. Medical Physics, 2018, 45, 3926-3938.	3.0	5
18	Evaluation of the UF/NCI hybrid computational phantoms for use in organ dosimetry of pediatric patients undergoing fluoroscopically guided cardiac procedures. Physics in Medicine and Biology, 2018, 63, 055006.	3.0	5

#	Article	IF	Citations
19	Body-weight dependent dose coefficients for adults exposed to idealised external photon fields. Journal of Radiological Protection, 2018, 38, 1441-1453.	1.1	4
20	A scalable database of organ doses for common diagnostic fluoroscopy examinations of children: procedures of current practice at the University of Florida. Physics in Medicine and Biology, 2019, 64, 135023.	3.0	3
21	Collar Badge Lens Dose Equivalent Values among United States Physicians Performing Fluoroscopically Guided Interventional Procedures. Journal of Vascular and Interventional Radiology, 2022, 33, 219-224.e2.	0.5	3
22	A Scalable Database of Organ Doses for Common Diagnostic Fluoroscopy Procedures of Children: Procedures of Historical Practice for Use in Radiation Epidemiology Studies. Radiation Research, 2019, 192, 649.	1.5	2
23	Organ Doses from Chest Radiographs in Tuberculosis Patients in Canada and Their Uncertainties in Periods from 1930 to 1969. Health Physics, 2020, 119, 176-191.	0.5	1
24	Fluoroscopy X-Ray Organ-Specific Dosimetry System (FLUXOR) for Estimation of Organ Doses and Their Uncertainties in the Canadian Fluoroscopy Cohort Study. Radiation Research, 2021, 195, 385-396.	1.5	1