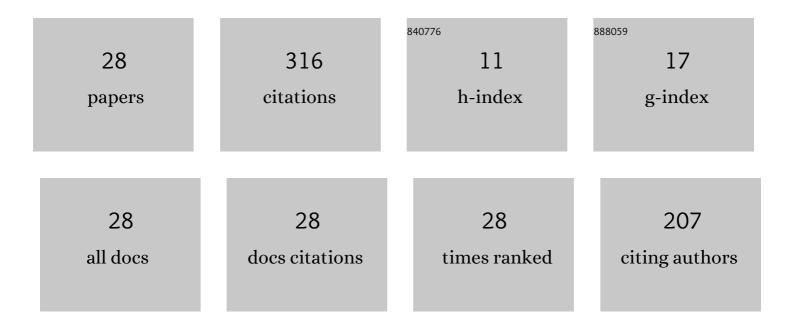
Christian Bernhardsson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In situ determination of 137Cs inventory in soil using a field-portable scintillation gamma spectrometer-dosimeter. Journal of Environmental Radioactivity, 2021, 231, 106562.	1.7	7
2	ESTIMATION OF THE EFFECTIVE DOSES FROM TYPICAL FLUOROSCOPIC EXAMINATIONS WITH BARIUM CONTRAST. Radiation Protection Dosimetry, 2021, 195, 264-272.	0.8	3
3	COMPARISON OF ORGAN ABSORBED DOSES IN WHOLE-BODY COMPUTED TOMOGRAPHY SCANS OF PAEDIATRIC AND ADULT PATIENT MODELS ESTIMATED BY DIFFERENT METHODS. Radiation Protection Dosimetry, 2021, 195, 246-256.	0.8	4
4	NaCl pellets for prospective dosimetry using optically stimulated luminescence: Signal integrity and long-term versus short-term exposure. Radiation and Environmental Biophysics, 2020, 59, 693-702.	1.4	5
5	Calculation of the effective external dose rate to a person staying in the resettlement zone of the Vetka district of the Gomel region of Belarus based on in situ and ex situ assessments in 2016–2018. Journal of Environmental Radioactivity, 2020, 214-215, 106168.	1.7	12
6	Internal dose assessment of 148Gd using isotope ratios of gamma-emitting 146Gd or 153Gd in accidently released spallation target particles. Scientific Reports, 2020, 10, 21887.	3.3	2
7	The 2019–2020 EURADOS WG10 and RENEB Field Test of Retrospective Dosimetry Methods in a Small-Scale Incident Involving Ionizing Radiation. Radiation Research, 2020, 195, 253-264.	1.5	9
8	Experimentally determined and Monte Carlo–calculated energy dependence of NaCl pellets read by optically stimulated luminescence for photon beams in the energy range 30 keV to 1.25 MeV. Journal of Radiological Protection, 2020, 40, 1321-1335.	1.1	4
9	Assessment of patient doses and corresponding radiation risks from PET/CT examinations in the Russian Federation. AIP Conference Proceedings, 2019, , .	0.4	2
10	OSL PROPERTIES IN VARIOUS FORMS OF KCI AND NaCI SAMPLES AFTER EXPOSURE TO IONIZING RADIATION. Radiation Protection Dosimetry, 2019, 184, 90-97.	0.8	7
11	Optically stimulated luminescence (OSL) dosimetry in irradiated alumina substrates from mobile phone resistors. Radiation and Environmental Biophysics, 2018, 57, 69-75.	1.4	12
12	OSL in NaCl vs. TL in LiF for absorbed dose measurements and radiation quality assessment in the photon energy range 20†keV to 1.3†MeV. Radiation Measurements, 2018, 112, 11-15.	1.4	5
13	Physical and dosimetric properties of NaCl pellets made in-house for the use in prospective optically stimulated luminescence dosimetry applications. Radiation Measurements, 2018, 119, 52-57. A backpack γ-spectrometer for measurements of ambient dose equivalent rate, <mml:math< td=""><td>1.4</td><td>9</td></mml:math<>	1.4	9
14	xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"> <mml:mrow><mml:mrow><mml:mover accent="true"><mml:mi>H</mml:mi><mml:mo>Ë™</mml:mo></mml:mover </mml:mrow><mml:mo>â^—from 137Cs and from naturally occurring radiation: The importance of operator related attenuation.</mml:mo></mml:mrow>	າl:mo>≺m	ml:mrow> <mr< td=""></mr<>
15	Proposal Sector And Antional Description Antional Diagnostic Reference Levels For Radiography FOR ADULT PATIENTS BASED ON REGIONAL DOSE SURVEYS IN RUSSIAN FEDERATION. Radiation Protection Dosimetry, 2017, 173, 223-232.	0.8	12
16	Calibration and testing of a portable NaI(Tl) gamma-ray spectrometer-dosimeter for evaluation of terrestrial radionuclides and 137Cs contributions to ambient dose equivalent rate outdoors. Radiacionnaâ Gigiena, 2017, 10, 18-29.	0.7	13
17	MANAGEMENT OF PATIENT DOSES FROM DIGITAL X-RAY CHEST SCREENING EXAMINATIONS. Radiation Protection Dosimetry, 2016, 169, 232-239.	0.8	5
18	INVESTIGATION OF PARTIAL VOLUME EFFECT IN DIFFERENT PET/CT SYSTEMS: A COMPARISON OF RESULTS USING THE MADEIRA PHANTOM AND THE NEMA NU-2 2001 PHANTOM. Radiation Protection Dosimetry, 2016, 169, 365-370.	0.8	4

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19	RETROSPECTIVE DOSIMETRY USING SALTED SNACKS AND NUTS: A FEASIBILITY STUDY. Radiation Protection Dosimetry, 2016, 174, ncw044.	0.8	3
20	PATIENT DOSES IN COMPUTED TOMOGRAPHY EXAMINATIONS IN TWO REGIONS OF THE RUSSIAN FEDERATION. Radiation Protection Dosimetry, 2016, 169, 240-244.	0.8	18
21	Spatial variability of the dose rate from 137Cs fallout in settlements inÂRussia and Belarus more than two decades after the Chernobyl accident. Journal of Environmental Radioactivity, 2015, 149, 144-149.	1.7	13
22	Household salt for retrospective dose assessments using OSL: signal integrity and its dependence on containment, sample collection, and signal readout. Radiation and Environmental Biophysics, 2014, 53, 559-569.	1.4	28
23	Comparative Measurements of the External Radiation Exposure in a 137Cs Contaminated Village in Belarus Based on Optically Stimulated Luminescence in NaCl and Thermoluminescence in LiF. Health Physics, 2012, 103, 740-749.	0.5	10
24	Optimizing a Readout Protocol for Low Dose Retrospective OSL-Dosimetry Using Household Salt. Health Physics, 2012, 102, 631-636.	0.5	14
25	Measurements of long-term external and internal radiation exposure of inhabitants of some villages of the Bryansk region of Russia after the Chernobyl accident. Science of the Total Environment, 2011, 409, 4811-4817.	8.0	27
26	Using an optimised OSL single-aliquot regenerative-dose protocol for low-dose retrospective dosimetry on household salt. Radiation Protection Dosimetry, 2011, 144, 584-587.	0.8	8
27	Household salt as a retrospective dosemeter using optically stimulated luminescence. Radiation and Environmental Biophysics, 2009, 48, 21-28.	1.4	64
28	ENVIRONMENTAL LEVELS OF RADIOCARBON IN LUND, SWEDEN, PRIOR TO THE START OF THE EUROPEAN SPALLATION SOURCE. Radiocarbon, 0, , 1-17.	1.8	0