Richard J Tanner

List of Publications by Year
in descending order

56 papers	707 citations	623734 14 h-index	610901 24 g-index
56 all docs	56 docs citations	56 times ranked	590 citing authors

#	Article	IF	Citations
1	Lessons learnt from the recent EURADOS intercomparisons in computational dosimetry. Radiation Measurements, 2022, 156, 106822.	1.4	2
2	EURADOS working group 6, computational dosimetry, a history of promoting good practice via intercomparisons and training. Radiation Measurements, 2022, , 106829.	1.4	0
3	Quality assurance for the use of computational methods in dosimetry: activities of EURADOS Working Group 6 â€˜Computational Dosimetryâ€™. Journal of Radiological Protection, 2021, 41, 46-58.	1.1	8
4	Introduction to the Special LDLensRad Focus Issue. Radiation Research, 2021, 197, .	1.5	5
5	Results of the EURADOS 2017 intercomparison for whole body neutron dosemeters (IC2017n). Radiation Measurements, 2020, 135, 106364.	1.4	7
6	The effects of revised operational dose quantities on the response characteristics of a beta/gamma personal dosemeter. Journal of Radiological Protection, 2019, 39, 399-421.	1.1	7
7	Measurements and Monte Carlo Simulations of 241Am Activities in Three Skull Phantoms: EURADOS-USTUR Collaboration. Health Physics, 2019, 117, 193-201.	0.5	4
8	THE RESPONSE OF THE PHE NEUTRON PERSONAL DOSEMETER IN TERMS OF THE PROPOSED ICRU PERSONAL DOSE EQUIVALENT. Radiation Protection Dosimetry, 2018, 180, 17-20.	0.8	4
9	INTERNATIONAL COMPARISON EXERCISE ON NEUTRON SPECTRA UNFOLDING IN BONNER SPHERES SPECTROMETRY: PROBLEM DESCRIPTION AND PRELIMINARY ANALYSIS. Radiation Protection Dosimetry, 2018, 180, 70-74.	0.8	9
10	The effects of a revised operational dose quantity on the response characteristics of neutron survey instruments. Journal of Radiological Protection, 2018, 38, 688-701.	1.1	3
11	The impacts of a new electrochemical etch cycle for the Public Health England neutron personal dosimetry service. Radiation Measurements, 2017, 106, 303-311.	1.4	8
12	H p (3) response of the PHE PADC neutron personal dosemeter. Radiation Measurements, 2017, 106, 298-302.	1.4	1
13	Overview of physical dosimetry methods for triage application integrated in the new European network RENEB. International Journal of Radiation Biology, 2017, 93, 65-74.	1.8	30
14	EURADOS STRATEGIC RESEARCH AGENDA: VISION FOR DOSIMETRY OF IONISING RADIATION. Radiation Protection Dosimetry, 2016, 168, ncv018.	0.8	16
15	THE PHE FORTUITOUS DOSIMETRY CAPABILITY BASED ON OPTICALLY STIMULATED LUMINESCENCE OF MOBILE PHONES. Radiation Protection Dosimetry, 2016, 170, 412-415.	0.8	13
16	Ionizing radiation induced cataracts: Recent biological and mechanistic developments and perspectives for future research. Mutation Research - Reviews in Mutation Research, 2016, 770, 238-261.	5.5	105
17	USE OF A SIMPLE THERMALISED NEUTRON FIELD FOR QUALITY ACCEPTANCE OF WHOLE BODY TLDS. Radiation Protection Dosimetry, 2016, 170, 108-112.	0.8	0
18	CALIBRATION OF THERMOLUMINESCENCE AND FILM DOSEMETERS FOR SKIN DOSES FROM HIGH-ACTIVITY MICROPARTICLES. Radiation Protection Dosimetry, 2016, 170, 173-176.	0.8	0

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19	EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of AM-241 in skull phantoms (Part II and III).. Radiation Physics and Chemistry, 2015, 113, 59-71.	2.8	13
20	Development of a retrospective/fortuitous accident dosimetry service based on OSL of mobile phones. Radiation Protection Dosimetry, 2015, 164, 89-92.	0.8	6
21	Monte Carlo modelling of 90Sr/90Y and 85Kr beta fields for Hp(3) measurements. Radiation Protection Dosimetry, 2014, 158, 115-121.	0.8	4
22	Measurements with the new PHE neutron survey instrument. Radiation Protection Dosimetry, 2014, 161, 58-61.	0.8	5
23	EURADOS intercomparison exercise on MC modeling for the in-vivo monitoring of Am-241 in skull phantoms (Part I). Radiation Physics and Chemistry, 2014, 104, 332-338.	2.8	19
24	A novel design of survey instrument for neutrons. Progress in Nuclear Science and Technology, 2014, 4, 687-691.	0.3	3
25	Type testing of a head band dosemeter for measuring eye lens dose in terms of HP(3). Radiation Protection Dosimetry, 2013, 157, 430-436.	0.8	21
26	Doses and risks from uranium are not increased significantly by interactions with natural background photon radiation. Radiation Protection Dosimetry, 2012, 151, 323-343.	0.8	3
27	Individual monitoring for external radiation at accelerator facilities. Radiation Protection Dosimetry, 2011, 146, 395-402.	0.8	0
28	A Monte Carlo analysis of possible cell dose enhancement effects by uranium microparticles in photon fields. Radiation Protection Dosimetry, 2011, 143, 177-180.	0.8	7
29	The effect of holder design on the response of the HPA neutron personal dosemeter. Radiation Measurements, 2008, 43, 1128-1131.	1.4	1
30	Analysis of the CONRAD computational problems expressing only stochastic uncertainties: neutrons and protons. Radiation Protection Dosimetry, 2008, 131, 7-14.	0.8	6
31	Analysis of computational problems expressing the overall uncertainties: photons, neutrons and electrons. Radiation Protection Dosimetry, 2008, 131, 15-23.	0.8	6
32	The MCNP-4C2 design of a two element photon/electron dosemeter that uses magnesium/copper/phosphorus doped lithium fluoride. Radiation Protection Dosimetry, 2007, 128, 21-35.	0.8	15
33	Achievements in workplace neutron dosimetry in the last decade: lessons learned from the EVIDOS project. Radiation Protection Dosimetry, 2007, 126, 471-476.	0.8	7
34	Summary of personal neutron dosemeter results obtained within the EVIDOS project. Radiation Protection Dosimetry, 2006, 125, 293-299.	0.8	18
35	Pitfalls and modelling inconsistencies in computational radiation dosimetry: lessons learnt from the QUADOS intercomparison. Part II: Photons, electrons and protons. Radiation Protection Dosimetry, 2006, 118, 155-166.	0.8	5
36	Neutron area survey instrument measurements in the EVIDOS project. Radiation Protection Dosimetry, 2006, 125, 300-303.	0.8	5

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37	Improved characterisation of the HPA PADC neutron personal dosemeter. Radiation Protection Dosimetry, 2006, 125, 254-257.	0.8	6
38	Pitfalls and modelling inconsistencies in computational radiation dosimetry: lessons learnt from the QUADOS intercomparison. Part I: Neutrons and uncertainties. Radiation Protection Dosimetry, 2006, 118, 144-154.	0.8	8
39	Operational and dosimetric characteristics of etched-track neutron detectors in routine neutron radiation protection dosimetry. Radiation Measurements, 2005, 40, 549-559.	1.4	38
40	QUADOS intercomparison: a summary of photon and charged particle problems. Radiation Protection Dosimetry, 2005, 115, 587-599.	0.8	7
41	Modelling of neutron survey instrument performance and experimental validation of those calculated response data. Radiation Protection Dosimetry, 2005, 116, 406-410.	0.8	4
42	Analysis of QUADOS problem on TLD-ALBEDO personal dosemeter responses using discrete ordinates and Monte Carlo methods. Radiation Protection Dosimetry, 2005, 115, 542-547.	0.8	0
43	Angle dependence of response characteristics of neutron survey instruments. Radiation Protection Dosimetry, 2004, 110, 187-193.	0.8	11
44	Individual neutron monitoring in workplaces with mixed neutron/photon radiation. Radiation Protection Dosimetry, 2004, 110, 753-758.	0.8	23
45	The use of passive personal neutron dosemeters to determine the neutron dose equivalent component of radiation fields in spacecraft. Radiation Protection Dosimetry, 2004, 110, 405-409.	0.8	2
46	Practical implications of neutron survey instrument performance. Radiation Protection Dosimetry, 2004, 110, 763-767.	0.8	9
47	Intercomparison on the usage of computational codes in radiation dosimetry. Radiation Protection Dosimetry, 2004, 110, 769-780.	0.8	17
48	The High Energy Neutron Response Characteristics of a Passive Survey Instrument for the Determination of Cosmic Radiation Fields in Aircraft. Radiation Protection Dosimetry, 2002, 100, 519-524.	0.8	8
49	The NRPB PADC Neutron Personal Dosimetry Service. Radiation Protection Dosimetry, 2001, 96, 191-195.	0.8	12
50	Measurements of the high energy neutron component of cosmic radiation fields in aircraft using etched track dosemeters. Radiation Measurements, 2001, 33, 243-253.	1.4	13
51	Active Neutron Personal Dosemeters - A Review of Current Status. Radiation Protection Dosimetry, 1999, 86, 107-122.	0.8	20
52	The Contribution of Eurados and Cendos to Track Etch Neutron Dosimetry: The Current Status in Europe. Radiation Protection Dosimetry, 1998, 77, 267-304.	0.8	38
53	A New Design of Neutron Dose Equivalent Survey Instrument. Radiation Protection Dosimetry, 1997, 74, 267-271.	0.8	22
54	The measurement using passive dosemeters of the neutron component of aircraft crew dose. Radiation Measurements, 1997, 28, 519-524.	1.4	7

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55	Broken reflection symmetry inXe114. Physical Review C, 1993, 48, 2078-2081.	2.9	31
56	Search for shape coexistence in194Pb. Journal of Physics G: Nuclear and Particle Physics, 1991, 17, 319-340.	3.6	65