

Sara Della Monaca

List of Publications by Year in descending order

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36
papers

721
citations

567144

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552653

26
g-index

36
all docs

36
docs citations

36
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrospective radiation dosimetry using OSL of electronic components: Results of an inter-laboratory comparison. Radiation Measurements, 2014, 71, 475-479.	0.7	70
2	The 4th international comparison on EPR dosimetry with tooth enamel. Radiation Measurements, 2011, 46, 765-771.	0.7	65
3	RENEB – Running the European Network of biological dosimetry and physical retrospective dosimetry. International Journal of Radiation Biology, 2017, 93, 2-14.	1.0	52
4	Overview of physical and biophysical techniques for accident dosimetry. Radiation Protection Dosimetry, 2011, 144, 571-574.	0.4	48
5	EPR dosimetry intercomparison using smart phone touch screen glass. Radiation and Environmental Biophysics, 2014, 53, 311-20.	0.6	48
6	Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans – joint RENEB and EURADOS inter-laboratory comparisons. International Journal of Radiation Biology, 2017, 93, 99-109.	1.0	48
7	Realising the European network of biodosimetry: RENEB–status quo. Radiation Protection Dosimetry, 2015, 164, 42-45.	0.4	41
8	UNCERTAINTY ON RADIATION DOSES ESTIMATED BY BIOLOGICAL AND RETROSPECTIVE PHYSICAL METHODS. Radiation Protection Dosimetry, 2018, 178, 382-404.	0.4	33
9	EPR dosimetry of glass substrate of mobile phone LCDs. Radiation Measurements, 2011, 46, 827-827.	0.7	32
10	Overview of physical dosimetry methods for triage application integrated in the new European network RENEB. International Journal of Radiation Biology, 2017, 93, 65-74.	1.0	30
11	Analysis of EPR and FISH studies of radiation doses in persons who lived in the upper reaches of the Techa River. Radiation and Environmental Biophysics, 2015, 54, 433-444.	0.6	27
12	Eurados review of retrospective dosimetry techniques for internal exposures to ionising radiation and their applications. Radiation and Environmental Biophysics, 2020, 59, 357-387.	0.6	23
13	Dose response and Bragg curve reconstruction by radiophotoluminescence of color centers in lithium fluoride crystals irradiated with 35ÅMeV proton beams from 0.5 to 50ÅGy. Radiation Measurements, 2020, 133, 106275.	0.7	19
14	Output factor measurement in high dose-per-pulse IORT electron beams. Physica Medica, 2019, 61, 94-102.	0.4	18
15	Radiation-induced damage analysed by luminescence methods in retrospective dosimetry and emergency response. Annali Dell'Istituto Superiore Di Sanita, 2009, 45, 297-306.	0.2	17
16	Harmonization of dosimetric information obtained by different EPR methods: Experience of the Techa river study. Radiation Measurements, 2011, 46, 801-807.	0.7	15
17	External dose reconstruction in tooth enamel of Techa riverside residents. Radiation and Environmental Biophysics, 2016, 55, 477-499.	0.6	15
18	Transverse electron scattering response function of ${}^3\text{He}$. Physical Review C, 2008, 77, .	1.1	14

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19	Is dust a suitable material for retrospective personal dosimetry?. Radiation Measurements, 2010, 45, 753-755.	0.7	13
20	Capabilities of the RENEB network for research and large scale radiological and nuclear emergency situations. International Journal of Radiation Biology, 2017, 93, 136-141.	1.0	11
21	RENEB accident simulation exercise. International Journal of Radiation Biology, 2017, 93, 75-80.	1.0	10
22	Lessons from past radiation accidents: Critical review of methods addressed to individual dose assessment of potentially exposed people and integration with medical assessment. Environment International, 2021, 146, 106175.	4.8	10
23	Mycobacterial and Human Ferrous Nitrobindins: Spectroscopic and Reactivity Properties. International Journal of Molecular Sciences, 2021, 22, 1674.	1.8	10
24	Silicates collected from personal objects as a potential fortuitous dosimeter in radiological emergency. Radiation Measurements, 2011, 46, 967-970.	0.7	9
25	Extra-high doses detected in the enamel of human teeth in the Techa riverside region. Radiation Measurements, 2011, 46, 760-764.	0.7	9
26	A thermoluminescence study of mineral silicates extracted from herbs in the dose range 0.5×10^{-5} Gy. Radiation Measurements, 2013, 53-54, 74-79.	0.7	7
27	Thermoluminescence analysis of irradiated oyster shells. Applied Radiation and Isotopes, 2012, 71, 18-22.	0.7	6
28	THE TOP-IMPLART PROTON LINEAR ACCELERATOR: INTERIM CHARACTERISTICS OF THE 35 MEV BEAM. Radiation Protection Dosimetry, 2019, 186, 113-118.	0.4	5
29	Assessing radiation risk perception by means of a European stakeholder survey. Journal of Radiological Protection, 2021, 41, .	0.6	4
30	CHARACTERIZATION OF 27 MEV PROTON BEAM GENERATED BY TOP-IMPLART LINEAR ACCELERATOR. Radiation Protection Dosimetry, 2018, 180, 329-333.	0.4	3
31	Design and Realization of an Open EPR Resonator at $\langle \text{inline-formula} \rangle \langle \text{tex-math notation="LaTeX"} \rangle \langle \text{/tex-math} \rangle \langle \text{/inline-formula} \rangle$ -Band Frequencies. IEEE Transactions on Magnetics, 2019, 55, 1-10.	1.2	3
32	Salty Crackers as Fortuitous Dosimeters: A Novel PSL Method for Rapid Radiation Triage. Frontiers in Public Health, 2021, 9, 661376.	1.3	2
33	TL and OSL studies on irradiated nano barium strontium sulfate to photons, electrons and protons. Journal of Luminescence, 2022, 242, 118592.	1.5	2
34	Identification of irradiated oysters by EPR measurements on shells. Radiation Measurements, 2011, , .	0.7	1
35	Recombination effects in the ionization chambers dose delivery monitor of the TOP-IMPLART proton beam. Journal of Physics: Conference Series, 2020, 1561, 012008.	0.3	1
36	The transverse electron scattering response function of ^3He . Few-Body Systems, 2008, 44, 329-331.	0.7	0