M Fonseca

List of Publications by Year
in descending order

51 papers	478 citations	759233 12 h-index	713466 21 g-index
51 all docs	51 docs citations	51 times ranked	523 citing authors

#	Article	IF	Citations
1	Investigation of the protective suitability of a dental fluorinated varnish by means of X Ray fluorescence and Raman spectroscopy. Journal of Trace Elements in Medicine and Biology, 2022, 71, 126938.	3.0	3
2	ERYA-Bulk and ERYA-Profiling: An application for quantitative PIGE analysis. Computer Physics Communications, 2022, 275, 108307.	7.5	4
3	Cross-sections of the gamma-producing 25Mg(p,pÎ³1-0)25Mg nuclear reaction at ElabÂ=Â870â€“4020ÂkeV. European Physical Journal A, 2022, 58, .	2.5	0
4	Neutron activation of Ga69 and Ga71 at ƙBTâ‰ˆ25keV. Physical Review C, 2021, 103, .	2.9	2
5	An insider view of the Portuguese ion beam laboratory. European Physical Journal Plus, 2021, 136, 1.	2.6	15
6	COVID-19 AND REMOTE TEACHING: CHALLENGES FOR POST-PANDEMIC TEACHING?. , 2021, , .		0
7	ERYAâ€“Profiling: A code for quantitative PIGE analysis of in-depth heterogeneous samples. Nuclear Instruments & Methods in Physics Research B, 2021, 502, 142-149.	1.4	5
8	Fluorine depth profiling based on the 19F(p,pâ€™Îł)19F excitation function. European Physical Journal Plus, 2021, 136, 1.	2.6	3
9	GBL for Psychological Intervention Related Skills: What Challenges? What Paths?. , 2021, , .		1
10	REMOTE LEARNING AND DIGITAL LITERACIES AND COMPETENCES: A STUDY IN PORTUGAL. , 2021, , .		0
11	EDUCATIONAL TECHNOLOGIES IN THE DIGITAL AGE: A STUDY IN PORTUGAL. , 2021, , .		0
12	International Atomic Energy Agency inter-comparison of particle induced gamma-ray emission codes for bulk samples. Nuclear Instruments & Methods in Physics Research B, 2020, 468, 37-47.	1.4	11
13	Evaluation of the effect of fluorinated tooth bleaching products using polarized Raman microscopy and particle induced gamma-ray emission. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 236, 118378.	3.9	7
14	An Integrated System Combining Virtual Reality with a Glove with Biosensors for Neuropathic Pain: A Concept Validation. Advances in Intelligent Systems and Computing, 2019, , 274-284.	0.6	0
15	Measurement of gamma-ray production cross sections for nuclear reaction 31P(p,pÎ³1-0)31P. Nuclear Instruments & Methods in Physics Research B, 2019, 452, 26-29.	1.4	1
16	Evaluation of enamel demineralization and fluorine uptake caused by gustatory stimulants of salivary secretion (GSSS) using Raman spectroscopy and proton induced gammaâ€ray emission (PIGE). Journal of Raman Spectroscopy, 2019, 50, 380-386.	2.5	6
17	Measurement of proton induced Îł-ray emission cross sections on Na from 1.0 to 4.1 MeV. Nuclear Instruments & Methods in Physics Research B, 2019, 441, 108-118.	1.4	8
18	GNEUROPATHY: Validation Process at Clinical Environment. , 2019, , .		0

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19	Challenging the Calorimeter CALIFA for FAIR Using High Energetic Photons. Springer Proceedings in Physics, 2019, , 245-246.	0.2	0
20	VR4NEUROPAIN: Interactive Rehabilitation System. , 2019, , .		0
21	Nota IntrodutÃ³ria. Revista Lusofona De Educacao, 2019, , 105-107.	0.0	0
22	UtilizaÃ§Ã£o da realidade virtual na reabilitaÃ§Ã£o de indivÃduos com lesÃ£o da espinal medula: revisÃ£o sistemÃ¡tica. Revista Lusofona De Educacao, 2018, , 231-240.	0.0	3
23	Production of thin targets by implantation for the measurement of the 16 O + 16 O elastic scattering below the Coulomb barrier. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 135-138.	1.4	2
24	Quantitative analysis of Li by PIGE technique. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 144-147.	1.4	7
25	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Cu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>63</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi> cross section measured via 25 keV activation and time of flight. Physical Review C, 2017, 95, .	2.9	13
26	Neutron capture cross sections of 69Ga and 71Ga at 25â€‰keV and Epeak = 90â€‰keV. EPJ Web of Conferences, 2017, 146, 01014.	0.3	1
27	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
28	Cross sections for proton induced high energy <mml:math altimg="si7.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www. Nuclear Instr	1.4	6
29	Study of nuclear reactions producing³⁶Cl by micro-AMS. Journal of Physics: Conference Series, 2016, 665, 012077.	0.4	1
30	Study of In distribution on GaInSb:Al crystals by ion beam techniques. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 278-282.	1.4	6
31	Laser-induced tissue fluorescence in radiofrequency tissue-fusion characterization. Journal of Biomedical Optics, 2014, 19, 015007.	2.6	12
32	Elemental distribution in human femoral head. Nuclear Instruments & Methods in Physics Research B, 2014, 331, 266-270.	1.4	4
33	Measurement of proton induced Î³-ray emission cross sections on Al from 2.5 to 4.1MeV. Nuclear Instruments & Methods in Physics Research B, 2014, 332, 355-358.	1.4	16
34	Stopping power of C, O and Cl in tantalum oxide. Nuclear Instruments & Methods in Physics Research B, 2014, 332, 152-155.	1.4	5
35	Comparative analysis of anodized, implanted and sputtered tantalum oxide targets for the study of 16O+16O fusion reaction. Nuclear Instruments & Methods in Physics Research B, 2014, 331, 78-81.	1.4	3
36	Formation and delamination of beryllium carbide films. Journal of Nuclear Materials, 2013, 442, S320-S324.	2.7	11

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37	Neutron-skin thickness from the study of the anti-analog giant dipole resonance. , 2012, , .		7
38	Electron screening effects in nuclear reactions: still an unsolved problem. Journal of Physics: Conference Series, 2012, 337, 012062.	0.4	3
39	Carbon Deposition on Beryllium Substrates and Subsequent Delamination. Materials Science Forum, 2012, 730-732, 179-184.	0.3	0
40	Golden glazes analysis by PIGE and PIXE techniques. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3060-3062.	1.4	2
41	PIGE analysis of magnesium and beryllium. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1806-1808.	1.4	15
42	Thin film depth profiling using simultaneous particle backscattering and nuclear resonance profiling. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1829-1832.	1.4	18
43	Production and characterization of thin 7Li targets fabricated by ion implantation. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 478-481.	1.4	9
44	PIGE analysis and profiling of aluminium. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 1490-1492.	1.4	14
45	Experimental study of proton-induced nuclear reactions in6,7Li. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014004.	3.6	32
46	The sensitivity of the PIGE analytical technique. Nuclear Instruments & Methods in Physics Research B, 2007, 264, 340-344.	1.4	20
47	First hint on a change of the 210Po alpha-decay half-life in the metal Cu. European Physical Journal A, 2007, 32, 51.	2.5	35
48	Enhanced d(d,p)t fusion reaction in metals. European Physical Journal A, 2006, 27, 79-82.	2.5	46
49	Electron Screening: A Review. AIP Conference Proceedings, 2006, , .	0.4	1
50	Electron screening in 7Li<mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	59
51	Electron screening in d(d, p)t for deuterated metals: temperature effects. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1141-1149.	3.6	52