

# Francisco de Assis Souza

## List of Publications by Year in descending order

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31  
papers

536  
citations

840776

11  
h-index

610901

24  
g-index

33  
all docs

33  
docs citations

33  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the $B_{10}(p, \hat{\pm}0)Be_7$ cross section from 5 keV to 1.5 MeV in a single experiment using the Trojan horse method. <i>Physical Review C</i> , 2017, 95, .	2.9	30
2	The $10B(p, \hat{\pm})7Be$ S(E)-factor from 5 keV to 1.5 MeV using the Trojan Horse Method. <i>EPJ Web of Conferences</i> , 2017, 165, 01042.	0.3	0
3	Study of the $10B(p, \hat{\pm})7Be$ reaction through the indirect Trojan Horse method. , 2015, , .		0
4	Trojan Horse Method: recent results in nuclear astrophysics. <i>Journal of Physics: Conference Series</i> , 2015, 630, 012020.	0.4	0
5	Measurement of the 10 keV resonance in the $B(p, \hat{\pm})Be_7$ reaction. <i>Physical Review C</i> , 2014, 90, .	2.9	52
6	Electron screening effects in $(p, \hat{\pm})$ reactions induced on boron isotopes studied via the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2013, 436, 012075.	0.4	0
7	New measurement of the $^{11}B(p, \hat{\pm}0)^{8}Be$ bare-nucleus $S(E)$ factor via the Trojan horse method. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012, 39, 015106.	3.6	53
8	Study of $9Be+^{12}C$ elastic scattering at energies near the Coulomb barrier. <i>Nuclear Physics A</i> , 2011, 856, 46-54.	1.5	13
9	CLUSTER MODEL FOR REACTIONS INDUCED BY WEAKLY BOUND AND/OR EXOTIC HALO NUCLEI WITH MEDIUM-MASS TARGETS. <i>International Journal of Modern Physics E</i> , 2011, 20, 943-946.	1.0	6
10	Projectile breakup dynamics for $6Li + ^{59}Co$ : Kinematical analysis of $\alpha$ - d coincidences. <i>European Physical Journal A</i> , 2010, 44, 181-187.	2.5	23
11	$6Li$ direct breakup lifetimes. <i>Nuclear Physics A</i> , 2010, 834, 420c-423c.	1.5	18
12	Reaction mechanisms for weakly-bound, stable nuclei and unstable, halo nuclei on medium-mass targets. <i>Nuclear Physics A</i> , 2010, 834, 440c-445c.	1.5	22
13	Estudo de filtros RC para baixas e altas frequências por meio de um circuito para superposição de sinais. <i>Revista Brasileira De Ensino De Fisica</i> , 2010, 32, 1309-1307.	0.2	0
14	Estudo experimental do movimento de partículas carregadas em campos elétricos e magnéticos: seletor de velocidades. <i>Revista Brasileira De Ensino De Fisica</i> , 2009, 31, 2308.1-2308.9.	0.2	1
15	Absolute normalization for uncorrelated background with the event mixing technique. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 612, 196-200.	1.6	1
16	Reaction mechanisms in the $6Li+^{59}Co$ system. <i>Nuclear Physics A</i> , 2009, 821, 36-50.	1.5	57
17	The Trojan horse method in nuclear astrophysics: recent results. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014008.	3.6	7
18	Effect of breakup on elastic scattering for the $Li_6,7+Co^{59}$ systems. <i>Physical Review C</i> , 2007, 75, .	2.9	44

#	ARTICLE	IF	CITATIONS
19	Structure effects in the elastic scattering for the $^{16}\text{O} + ^{46,50}\text{Ti}$ systems. Nuclear Physics A, 2007, 781, 342-349.	1.5	6
20	Boron depletion: indirect measurement of the $^{10}\text{B}(p, \hat{\alpha})^7\text{Be}$ S(E)-factor. Nuclear Physics A, 2007, 787, 309-314.	1.5	39
21	Direct measurement of the breakup process. Brazilian Journal of Physics, 2005, 35, 888-889.	1.4	1
22	Dynamics of light heavy-ion reactions in the framework of their time scales. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 579, 271-277.	4.1	1
23	Fusion and breakup in reactions involving weakly bound nuclei. Nuclear Physics A, 2004, 734, 311-314.	1.5	3
24	Study of the effect of the breakup on the fusion cross section of the systems $^6,7\text{Li} + ^{59}\text{Co}$ . Brazilian Journal of Physics, 2004, 34, 907-909.	1.4	0
25	Fusion of weakly bound light nuclei. Nuclear Physics A, 2003, 718, 544-546.	1.5	3
26	Fusion of light weakly bound nuclei. Nuclear Physics A, 2003, 722, C248-C253.	1.5	3
27	Near-barrier fusion of weakly bound $^6\text{Li}$ and $^7\text{Li}$ nuclei with $^{59}\text{Co}$ . Physical Review C, 2003, 67, .	2.9	126
28	Time scales for binary processes from light heavy-ion reactions. Physical Review C, 2002, 66, .	2.9	5
29	Light heavy-ion reactions: time scales and emission order of light products. Nuclear Physics A, 2001, 696, 64-84.	1.5	8
30	A triple telescope for the simultaneous identification of light and heavy reaction products. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 471, 368-373.	1.6	8
31	A large area two-dimensional position sensitive multiwire proportional detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 433, 623-629.	1.6	4