

Roberto Meigikos dos Anjos

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,746
citations

218381
26
h-index

182168
51
g-index

82
all docs

82
docs citations

82
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of microplastic and marine debris on the beaches of Niterói Oceanic Region, Rio De Janeiro, Brazil. <i>Marine Pollution Bulletin</i> , 2022, 175, 113161.	2.3	9
2	Using stable isotopes to discriminate anthropogenic impacts of the sedimentary organic matter pollution in the Rodrigo de Freitas Lagoon (RJ, Brazil). <i>Environmental Science and Pollution Research</i> , 2021, 28, 4515-4530.	2.7	4
3	Análise da percepção ambiental dos moradores do entorno das lagoas de Piratininga e Itaipu, Niterói (RJ). <i>Revista Brasileira De Educação Ambiental (RevBEA)</i> , 2021, 16, 446-469.	0.1	1
4	Abundance, distribution, and characteristics of microplastics in coastal surface waters of the Colombian Caribbean and Pacific. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43431-43442.	2.7	29
5	Exploring Relationship between Perception Indicators and Mitigation Behaviors of Soil Erosion in Undergraduate Students in Sonora, Mexico. <i>Sustainability</i> , 2021, 13, 9282.	1.6	1
6	A review of ¹³⁷ Cs and ⁴⁰ K soil-to-plant transfer factors in tropical plants. <i>Journal of Environmental Radioactivity</i> , 2021, 235-236, 106650.	0.9	3
7	Plastic litter pollution along sandy beaches in the Caribbean and Pacific coast of Colombia. <i>Environmental Pollution</i> , 2020, 267, 115495.	3.7	49
8	Carbon dioxide sources and sinks in the delta of the Paraíba do Sul River (Southeastern Brazil) modulated by carbonate thermodynamics, gas exchange and ecosystem metabolism during estuarine mixing. <i>Marine Chemistry</i> , 2020, 226, 103869.	0.9	15
9	First evidence of microplastic pollution in the El Quetzalito sand beach of the Guatemalan Caribbean. <i>Marine Pollution Bulletin</i> , 2020, 156, 111220.	2.3	32
10	Distribution of Plastic Debris in the Pacific and Caribbean Beaches of Panama. <i>Air, Soil and Water Research</i> , 2020, 13, 117862212092026.	1.2	12
11	Using infrared spectroscopy analysis of plastic debris to introduce concepts of interaction of electromagnetic radiation with matter. <i>Physics Education</i> , 2020, 55, 025014.	0.3	8
12	ISÓTOPOS ESTABLES DE COMPUESTOS ESPECÍFICOS PARA ESTIMAR LA REDISTRIBUCIÓN DEL SUELO POR EVENTOS EROSIVOS. <i>Agrociencia</i> , 2020, 54, 601-618.	0.1	2
13	Estudo da ecologia trófica do quelônio <i>Podocnemis unifilis</i> da região do baixo Xingu, utilizando análise isotópica de C e N. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2020, 11, 99-109.	0.0	0
14	Dispersal of potentially pathogenic bacteria by plastic debris in Guanabara Bay, RJ, Brazil. <i>Marine Pollution Bulletin</i> , 2019, 141, 561-568.	2.3	111
15	First use of a compound-specific stable isotope (CSSI) technique to trace sediment transport in upland forest catchments of Chile. <i>Science of the Total Environment</i> , 2018, 618, 1114-1124.	3.9	35
16	Exploring innovative techniques for identifying geochemical elements as fingerprints of sediment sources in an agricultural catchment of Argentina affected by soil erosion. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20868-20879.	2.7	18
17	Coupling fallout ²¹⁰ Pb and stable isotopes (¹³ C, ¹⁵ N) for catchment urbanization reconstruction in southeastern coastal zone of Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 1021-1032.	0.7	6
18	Marine reservoir effect on the Southeastern coast of Brazil: results from the Tarioba shellmound paired samples. <i>Journal of Environmental Radioactivity</i> , 2015, 143, 14-19.	0.9	31

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19	Advances in the graphitization protocol at the Radiocarbon Laboratory of the Universidade Federal Fluminense (LAC-UFF) in Brazil. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 402-405.	0.6	27
20	Using ²²² Rn as a tracer of geophysical processes in underground environments. , 2014, , .		0
21	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro,) Tj ETQq1 1 0.784314 rgBT /Overlock 21	0.8	21
22	Na, K, Ca, Mg, and U-series in fossil bone and the proposal of a radial diffusion adsorption model of uranium uptake. Journal of Environmental Radioactivity, 2014, 136, 131-139.	0.9	8
23	Using ²²² Rn as a tracer of geodynamical processes in underground environments. Science of the Total Environment, 2014, 468-469, 12-18.	3.9	5
24	Temporal evolution of ¹³⁷ Cs+, K+ and Na+ in fruits of South American tropical species. Science of the Total Environment, 2013, 444, 115-120.	3.9	10
25	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. Radiocarbon, 2013, 55, 325-330.	0.8	36
26	Variability of ¹³⁷ Cs and ⁴⁰ K soil-to-fruit transfer factor in tropical lemon trees during the fruit development period. Journal of Environmental Radioactivity, 2012, 104, 64-70.	0.9	25
27	External gamma-ray dose rate and radon concentration in indoor environments covered with Brazilian granites. Journal of Environmental Radioactivity, 2011, 102, 1055-1061.	0.9	49
28	Assessment the Health Hazard from ²²² Rn in Old Metalliferous Mines in San Luis, Argentina. Water, Air, and Soil Pollution, 2011, 218, 371-386.	1.1	5
29	Application of radiometric analysis in the study of provenance and transport processes of Brazilian coastal sediments. Journal of Environmental Radioactivity, 2011, 102, 185-192.	0.9	55
30	Correlations between radiometric analysis of Quaternary deposits and the chronology of prehistoric settlements from the southeastern Brazilian coast. Journal of Environmental Radioactivity, 2010, 101, 75-81.	0.9	16
31	Occupational exposure to radon and natural gamma radiation in the La Carolina, a former gold mine in San Luis Province, Argentina. Journal of Environmental Radioactivity, 2010, 101, 153-158.	0.9	26
32	A New [¹⁴ C]-AMS Facility at UFF- Niteroi, Brazil. , 2010, , .		0
33	Accumulation of K[⁺] and Cs[⁺] in Tropical Plant Species. , 2010, , .		1
34	The Long-Term Tupiguarani Occupation in Southeastern Brazil. Radiocarbon, 2009, 51, 937-946.	0.8	15
35	Accumulation of ¹³⁷ Cs and ⁴⁰ K in aboveground organs of tropical woody fruit plants. Journal of Radioanalytical and Nuclear Chemistry, 2009, 281, 7-10.	0.7	7
36	First Report of Dry Rot Caused by <i>Fusarium oxysporum</i> on Rose (<i>Rosa</i> spp.) in Brazil. Plant Disease, 2009, 93, 766-766.	0.7	5

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37	40K/137Cs discrimination ratios to the aboveground organs of tropical plants. Journal of Environmental Radioactivity, 2008, 99, 1127-1135.	0.9	17
38	Provenance and Transport Processes of Sediments along the Southeastern Brazilian Coast. AIP Conference Proceedings, 2008, , .	0.3	0
39	Reevaluation of dating results for some 14C - AMS applications on the basis of the new calibration curves available. Brazilian Journal of Physics, 2008, 38, 138-143.	0.7	2
40	Radiometric Analyses of Beach Sands from the Southeast of Brazil. AIP Conference Proceedings, 2007, , .	0.3	3
41	Accumulation and distribution of 137Cs in tropical plants. AIP Conference Proceedings, 2007, , .	0.3	0
42	Gamma Radiation Measurements in Brazilian Commercial Granites. AIP Conference Proceedings, 2007, , .	0.3	0
43	Systematic study of the nuclear potential through high precision back-angle quasi-elastic scattering measurements. Physical Review C, 2007, 76, .	1.1	39
44	Radiocesium contamination behavior and its effect on potassium absorption in tropical or subtropical plants. Journal of Environmental Radioactivity, 2006, 86, 241-250.	0.9	14
45	Radioecology teaching: response to a nuclear or radiological emergency. European Journal of Physics, 2006, 27, 243-255.	0.3	5
46	O18+Pd110: Measurements and realistic coupled-channel analysis in a transitional region. Physical Review C, 2006, 74, .	1.1	12
47	Comprehensive study of reaction mechanisms for theBe9+Sm144system at near- and sub-barrier energies. Physical Review C, 2006, 73, .	1.1	144
48	Accumulation and long-term behavior of radiocaesium in tropical plants. Brazilian Journal of Physics, 2006, 36, 1345-1348.	0.7	3
49	Complete fusion of weakly bound nuclei applying the delayed X-ray technique: the 9Be + 144Sm system. Brazilian Journal of Physics, 2005, 35, 902-905.	0.7	2
50	Radioecological investigations in Brazilian tropical plants. Brazilian Journal of Physics, 2005, 35, 808-810.	0.7	6
51	Elastic, inelastic scatterings and transfer reactions for 16,18O on 58Ni described by the São Paulo potential. Brazilian Journal of Physics, 2005, 35, 909-911.	0.7	10
52	Fusion, reaction, and breakup cross sections ofBe9on a light mass target. Physical Review C, 2005, 71, .	1.1	68
53	Uncertainties in the comparison of fusion and reaction cross sections of different systems involving weakly bound nuclei. Physical Review C, 2005, 71, .	1.1	127
54	Effect of the breakup on the fusion and elastic scattering of weakly bound projectiles onZn64. Physical Review C, 2005, 71, .	1.1	121

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55	Fusion, break-up and elastic scattering of weakly bound nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1669-S1673.	1.4	68
56	Does the break-up process influence the fusion cross section?. Brazilian Journal of Physics, 2004, 34, 737-741.	0.7	7
57	Threshold anomaly with weakly bound projectiles: Elastic scattering of ${}^9\text{Be}+{}^{27}\text{Al}$. Physical Review C, 2004, 70, .	1.1	70
58	The Fusion of Stable Weakly Bound Nuclei. Progress of Theoretical Physics Supplement, 2004, 154, 92-100.	0.2	4
59	Radioecology teaching: evaluation of the background radiation levels from areas with high concentrations of radionuclides in soil. European Journal of Physics, 2004, 25, 133-144.	0.3	24
60	Effect of breakup on the fusion of ${}^6\text{Li}$, ${}^7\text{Li}$, and ${}^9\text{Be}$ with heavy nuclei. Physical Review C, 2004, 70, .	1.1	333
61	${}^{137}\text{Cs}$ distribution in guava trees. Brazilian Journal of Physics, 2004, 34, 841-844.	0.7	5
62	AMS dating of early shellmounds of the southeastern Brazilian coast. Brazilian Journal of Physics, 2003, 33, 276-279.	0.7	18
63	Fusion and breakup in the reactions of ${}^6\text{Li}$ and ${}^7\text{Li}$ nuclei with ${}^{209}\text{Bi}$. Physical Review C, 2002, 66, .	1.1	168
64	Fusion of stable weakly bound nuclei with ${}^{27}\text{Al}$ and ${}^{64}\text{Zn}$. Physical Review C, 2002, 66, .	1.1	69
65	The Antiquity of the Prehistoric Settlement of the Central-South Brazilian Coast. Radiocarbon, 2002, 44, 733-738.	0.8	37
66	Measurements Performed in Goiânia after a new Intervention Action in 2001. Radiation Protection Dosimetry, 2002, 98, 433-435.	0.4	6
67	Precise nuclear matter densities from heavy-ion collisions. Physical Review C, 2001, 65, .	1.1	18
68	Low-lying inelastic channel couplings versus breakup effects on the fusion cross section. Physical Review C, 2001, 64, .	1.1	35
69	Remains of ${}^{137}\text{Cs}$ Contamination in the City of Goiânia, Brazil. Radiation Protection Dosimetry, 2001, 95, 165-171.	0.4	8
70	AMBIENT DOSE EQUIVALENT RATE IN GOIÂNIA 12 YEARS AFTER THE ${}^{137}\text{Cs}$ RADIOLOGICAL ACCIDENT. Health Physics, 2001, 80, 532-536.	0.3	3
71	Radioactivity teaching: Environmental consequences of the radiological accident in Goiânia (Brazil). American Journal of Physics, 2001, 69, 377-381.	0.3	14
72	Fusion and elastic scattering of ${}^9\text{Be}+{}^{64}\text{Zn}$: A search of the breakup influence on these processes. Physical Review C, 2000, 61, .	1.1	107

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73	Influence of the ${}^6,7\text{Li}$ breakup process on the near barrier elastic scattering by heavy nuclei. <i>Physical Review C</i> , 1999, 59, 2103-2107.	1.1	115
74	Fusion versus Breakup: Observation of Large Fusion Suppression for ${}^9\text{Be}+{}^{208}\text{Pb}$. <i>Physical Review Letters</i> , 1999, 82, 1395-1398.	2.9	264
75	Elastic scattering of ${}^{27}\text{Al}+{}^{27}\text{Al}$ at near barrier energies. <i>Physical Review C</i> , 1998, 58, 3445-3450.	1.1	5
76	Transfer reactions as a doorway to fusion. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1997, 23, 1315-1321.	1.4	8
77	Can fusion, elastic and inelastic scattering of heavy ions be understood, without a simultaneous analysis of them?. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1997, 23, 1423-1429.	1.4	1
78	Elastic and inelastic scattering of ${}^{16}\text{O}+{}^{64}\text{Zn}$ at near-barrier energies. <i>Physical Review C</i> , 1996, 53, 2870-2878.	1.1	23
79	Competing reaction mechanisms for the ${}^{16,17,18}\text{O}+{}^{10,11}\text{B}$ and ${}^{19}\text{F}+{}^9\text{Be}$ systems. <i>Physical Review C</i> , 1994, 49, 2018-2035.	1.1	31
80	Fission decay of very light nuclear systems. <i>Physical Review C</i> , 1993, 48, R2154-R2157.	1.1	21
81	Effect of the entrance channel mass asymmetry on the limitation of light heavy-ion fusion cross sections. <i>Physical Review C</i> , 1990, 42, 354-362.	1.1	27
82	Dissipative processes in light-heavy-ion-induced reactions and their time scales. <i>Physical Review C</i> , 1990, 42, R815-R818.	1.1	7