

# Pedro A F P Moreira

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

199  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining neighborhood phases in hard-sphere systems using machine learning. <i>European Physical Journal B</i> , 2021, 94, 1.	1.5	1
2	Dynamical Fracture in Ice Ih as Modeled by TIP4P/Ice and mW Water Potentials. <i>Annalen Der Physik</i> , 2020, 532, 1900587.	2.4	2
3	Elastic constants of ice Ih as described by semi-empirical water models. <i>Journal of Chemical Physics</i> , 2019, 150, 044503.	3.0	10
4	Anomalous diffusion of water molecules at grain boundaries in ice Ih. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 13944-13951.	2.8	15
5	Nuclear quantum fluctuations in ice Ih. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24716-24721.	2.8	10
6	Trapping of Hydrochloric and Hydrofluoric Acid at Vacancies on and underneath the Ice Ih Basal-Plane Surface. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11066-11071.	2.5	5
7	Extrapolation of zircon fission-track annealing models. <i>Radiation Measurements</i> , 2013, 50, 192-196.	1.4	1
8	Molecular Dynamics simulations of track formation at different ensembles. <i>Radiation Measurements</i> , 2013, 48, 68-72.	1.4	0
9	Improved zircon fission-track annealing model based on reevaluation of annealing data. <i>Physics and Chemistry of Minerals</i> , 2013, 40, 93-106.	0.8	17
10	Projected length annealing of etched 152Sm ion tracks in apatite. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2012, 288, 48-52.	1.4	1
11	Fission track chemical etching kinetic model. <i>Radiation Measurements</i> , 2010, 45, 157-162.	1.4	3
12	Atomistic simulation of track formation by energetic recoils in zircon. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 395008.	1.8	21
13	Experimental study of a methodology for Fission-track Dating without neutron irradiation. <i>Radiation Measurements</i> , 2009, 44, 955-957.	1.4	13
14	Molecular-dynamics simulation of threshold displacement energies in zircon. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2009, 267, 3431-3436.	1.4	31
15	Comparison between thorium and uranium fission track diameters in glass. <i>Radiation Measurements</i> , 2008, 43, S329-S333.	1.4	1
16	On the calibration of fission-track annealing models. <i>Chemical Geology</i> , 2008, 248, 1-13.	3.3	8
17	Kinetic model for the annealing of fission tracks in minerals and its application to apatite. <i>Radiation Measurements</i> , 2006, 41, 392-398.	1.4	17
18	On epidote fission track dating. <i>Radiation Measurements</i> , 2005, 39, 641-645.	1.4	7

#	ARTICLE	IF	CITATIONS
19	U and Th thin film neutron dosimetry for fission-track dating: application to the age standard Moldavite. Radiation Measurements, 2005, 39, 665-668.	1.4	6
20	Kinetic model for the annealing of fission tracks in zircon. Radiation Measurements, 2005, 40, 517-521.	1.4	23
21	D-optimal design of fission-track annealing experiments. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 881-887.	1.4	4
22	Kinetic model for the relationship between mean diameter shortening and age reduction in glass samples. Radiation Measurements, 2005, 39, 647-652.	1.4	3
23	O problema Fermi-Pasta-Ulam-Tsingou: Equipartição de energia vista através de simulações computacionais. Revista Brasileira De Ensino De Fisica, 0, 43, .	0.2	0