

Jordi BarÃ³

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2644541/publications.pdf>

Version: 2024-02-01

21
papers

704
citations

687363

13
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasistatic kinetic avalanches and self-organized criticality in deviatorically loaded granular media. <i>Physical Review E</i> , 2021, 104, 024901.	2.1	6
2	What Controls the Presence and Characteristics of Aftershocks in Rock Fracture in the Lab?. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022539.	3.4	13
3	Topological Properties of Epidemic Aftershock Processes. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018530.	3.4	5
4	Seismic hazard due to fluid injections. <i>Physical Review Research</i> , 2020, 2, .	3.6	10
5	Avalanche dynamics of a generalized earthquake model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 525, 1463-1471.	2.6	2
6	Universal avalanche statistics and triggering close to failure in a mean-field model of rheological fracture. <i>Physical Review E</i> , 2018, 97, 033002.	2.1	15
7	Interevent Triggering in Microseismicity Induced by Hydraulic Fracturing. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1133-1146.	2.3	19
8	Experimental Evidence of Accelerated Seismic Release without Critical Failure in Acoustic Emissions of Compressed Nanoporous Materials. <i>Physical Review Letters</i> , 2018, 120, 245501.	7.8	34
9	Are triggering rates of labquakes universal? Inferring triggering rates from incomplete information. <i>European Physical Journal: Special Topics</i> , 2017, 226, 3211-3225.	2.6	7
10	Fracking and labquakes. <i>Philosophical Magazine</i> , 2016, 96, 3686-3696.	1.6	15
11	Avalanche criticalities and elastic and calorimetric anomalies of the transition from cubic Cu-Al-Ni to a mixture of $18R$ and $2H$. <i>Physical Review B</i> , 2016, 94, .	3.2	29
12	Avalanche criticality during compression of porcine cortical bone of different ages. <i>Physical Review E</i> , 2016, 93, 053001.	2.1	22
13	Publisher's Note: Avalanches in compressed porous SiO ₂ -based materials [Phys. Rev. E90, 022405 (2014)]. <i>Physical Review E</i> , 2014, 90, .	2.1	1
14	Avalanches in compressed porous SiO ₂ -based materials. <i>Physical Review E</i> , 2014, 90, 022405.	2.1	76
15	Avalanche correlations in the martensitic transition of a CuZnAl shape memory alloy: analysis of acoustic emission and calorimetry. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 125401.	1.8	31
16	Simultaneous detection of acoustic emission and Barkhausen noise during the martensitic transition of a Ni-Mn-Ga magnetic shape-memory alloy. <i>Physical Review B</i> , 2013, 88, .	3.2	24
17	Statistical Similarity between the Compression of a Porous Material and Earthquakes. <i>Physical Review Letters</i> , 2013, 110, 088702.	7.8	213
18	Noise of collapsing minerals: Predictability of the compressional failure in goethite mines. <i>American Mineralogist</i> , 2013, 98, 609-615.	1.9	53

#	ARTICLE	IF	CITATIONS
19	Crackling noise during failure of alumina under compression: the effect of porosity. Journal of Physics Condensed Matter, 2013, 25, 292202.	1.8	48
20	Analysis of power-law exponents by maximum-likelihood maps. Physical Review E, 2012, 85, 066121.	2.1	49
21	Tuning avalanche criticality: Acoustic emission during the martensitic transformation of a compressed Ni-Mn-Ca single crystal. Physical Review B, 2012, 86, .	3.2	34