

ValÃ¨re R Lambert

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

338
citations

1040056

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1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging the distribution of transient viscosity after the 2016 M_w 7.1 Kumamoto earthquake. <i>Science</i> , 2017, 356, 163-167.	12.6	72
2	Contribution of viscoelastic flow in earthquake cycles within the lithosphere-asthenosphere system. <i>Geophysical Research Letters</i> , 2016, 43, 10,142.	4.0	54
3	Displacement and Stress Associated with Distributed Anelastic Deformation in a Half-Space. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 821-855.	2.3	49
4	The Community Code Verification Exercise for Simulating Sequences of Earthquakes and Aseismic Slip (SEAS). <i>Seismological Research Letters</i> , 2020, 91, 874-890.	1.9	43
5	Propagation of large earthquakes as self-healing pulses or mild cracks. <i>Nature</i> , 2021, 591, 252-258.	27.8	39
6	Community-Driven Code Comparisons for Three-Dimensional Dynamic Modeling of Sequences of Earthquakes and Aseismic Slip. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	27
7	Nearly Magnitude-Invariant Stress Drops in Simulated Crack-Like Earthquake Sequences on Rate- and State Faults with Thermal Pressurization of Pore Fluids. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018597.	3.4	20
8	Rupture-dependent breakdown energy in fault models with thermo-hydro-mechanical processes. <i>Solid Earth</i> , 2020, 11, 2283-2302.	2.8	11
9	Scale Dependence of Earthquake Rupture Prestress in Models With Enhanced Weakening: Implications for Event Statistics and Inferences of Fault Stress. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021886.	3.4	9
10	Resolving Simulated Sequences of Earthquakes and Fault Interactions: Implications for Physics-Based Seismic Hazard Assessment. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022193.	3.4	9
11	Time-Dependent Stresses From Fluid Extraction and Diffusion With Applications to Induced Seismicity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2020, 87, .	2.2	3