Robert G Green

List of Publications by Year
in descending order

13	855	840728 11	1125717 13
papers	citations	h-index	g-index

14	14	14	1161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Segmented lateral dyke growth in a rifting event at BÃ¡rÃ°arbunga volcanic system, Iceland. Nature, 2015, 517, 191-195.	27.8	436
2	Strikeâ€slip faulting during the 2014 BÃ¡rÃ°arbungaâ€Holuhraun dike intrusion, central Iceland. Geophysical Research Letters, 2016, 43, 1495-1503.	4.0	117
3	Relative seismic velocity variations correlate with deformation at KÄ«lauea volcano. Science Advances, 2017, 3, e1700219.	10.3	58
4	Motion in the north Iceland volcanic rift zone accommodated by bookshelf faulting. Nature Geoscience, 2014, 7, 29-33.	12.9	44
5	Triggered earthquakes suppressed by an evolving stress shadow from a propagating dyke. Nature Geoscience, 2015, 8, 629-632.	12.9	40
6	Dynamics of the Askja caldera July 2014 landslide, Iceland, from seismic signal analysis: precursor, motion and aftermath. Earth Surface Dynamics, 2018, 6, 467-485.	2.4	34
7	Deep crustal melt plumbing of BÃ¡rÃ°arbunga volcano, Iceland. Geophysical Research Letters, 2017, 44, 8785-8794.	4.0	32
8	Ambient noise tomography reveals upper crustal structure of Icelandic rifts. Earth and Planetary Science Letters, 2017, 466, 20-31.	4.4	23
9	Crustal Formation on a Spreading Ridge Above a Mantle Plume: Receiver Function Imaging of the Icelandic Crust. Journal of Geophysical Research: Solid Earth, 2018, 123, 5190-5208.	3.4	23
10	Magmatic and Sedimentary Structure beneath the Klyuchevskoy Volcanic Group, Kamchatka, From Ambient Noise Tomography. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018900.	3.4	23
11	Seismic Amplitude Ratio Analysis of the 2014â€“2015 BÃ¡rarbungaâ€Holuhraun Dike Propagation and Eruption. Journal of Geophysical Research: Solid Earth, 2018, 123, 264-276.	3.4	19
12	Oceanic crustal flow in Iceland observed using seismic anisotropy. Nature Geoscience, 2021, 14, 168-173.	12.9	4
13	A Fast GUI-Based Tool for Group-Velocity Analysis of Surface Waves. Seismological Research Letters, 2021, 92, 2640-2646.	1.9	1