

David Wilson

List of Publications by Year in descending order

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11
papers

683
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Upper mantle convection beneath the central Rio Grande rift imaged by PandSwave tomography. Journal of Geophysical Research, 2004, 109, .	3.3	87
2	Crust and upper mantle shear wave structure of the southwest United States: Implications for rifting and support for high elevation. Journal of Geophysical Research, 2004, 109, .	3.3	80
3	Imaging the seismic structure of the crust and upper mantle beneath the Great Plains, Rio Grande Rift, and Colorado Plateau using receiver functions. Journal of Geophysical Research, 2005, 110, .	3.3	80
4	Lithospheric structure of the Rio Grande rift. Nature, 2005, 433, 851-855.	27.8	78
5	New Episodes of Volcanism at Kilauea Volcano, Hawaii. Eos, 2008, 89, 37-38.	0.1	74
6	Small Explosion From New Vent at Kilauea's Summit. Eos, 2008, 89, 203-203.	0.1	66
7	Shallow degassing events as a trigger for very-long-period seismicity at Kilauea Volcano, Hawaii. Bulletin of Volcanology, 2011, 73, 1179-1186.	3.0	55
8	Imaging crust and upper mantle seismic structure in the southwestern United States using teleseismic receiver functions. The Leading Edge, 2003, 22, 232-237.	0.7	51
9	Seismic imaging of the crust and upper mantle using regularized joint receiver functions, frequency-wave number filtering, and multimode Kirchhoff migration. Journal of Geophysical Research, 2005, 110, .	3.3	49
10	Cyclic spattering, seismic tremor, and surface fluctuation within a perched lava channel, Kilauea Volcano. Bulletin of Volcanology, 2011, 73, 639-653.	3.0	41
11	Shear wave splitting and mantle flow beneath LA RISTRA. Geophysical Research Letters, 2003, 30, .	4.0	22