

# Mark D Petersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1697282/publications.pdf>

Version: 2024-02-01

22  
papers

1,931  
citations

759233

12  
h-index

677142

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g-index

43  
all docs

43  
docs citations

43  
times ranked

1314  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2018 update of the US National Seismic Hazard Model: Overview of model and implications. Earthquake Spectra, 2020, 36, 5-41.	3.1	149
2	The 2014 United States National Seismic Hazard Model. Earthquake Spectra, 2015, 31, S1-S30.	3.1	130
3	Increasing seismicity in the U. S. midcontinent: Implications for earthquake hazard. The Leading Edge, 2015, 34, 618-626.	0.7	90
4	2018 One-Year Seismic Hazard Forecast for the Central and Eastern United States from Induced and Natural Earthquakes. Seismological Research Letters, 2018, 89, 1049-1061.	1.9	71
5	2014 Update of the Pacific Northwest Portion of the U.S. National Seismic Hazard Maps. Earthquake Spectra, 2015, 31, S131-S148.	3.1	37
6	Earthquake Potential in California-Nevada Implied by Correlation of Strain Rate and Seismicity. Geophysical Research Letters, 2018, 45, 1778-1785.	4.0	37
7	Ground Motion Models Used in the 2014 U.S. National Seismic Hazard Maps. Earthquake Spectra, 2015, 31, S59-S84.	3.1	36
8	Seismic Source Characterization for the 2014 Update of the U.S. National Seismic Hazard Model. Earthquake Spectra, 2015, 31, S31-S57.	3.1	34
9	Implementation of NGA-West2 Ground Motion Models in the 2014 U.S. National Seismic Hazard Maps. Earthquake Spectra, 2014, 30, 1319-1333.	3.1	31
10	Seismic Hazard in the Eastern United States. Earthquake Spectra, 2015, 31, S85-S107.	3.1	18
11	Probabilistic Fault Displacement Hazard Assessment (PFDHA) for Nuclear Installations According to IAEA Safety Standards. Bulletin of the Seismological Society of America, 2021, 111, 2661-2672.	2.3	18
12	Earthquake Shaking Hazard Estimates and Exposure Changes in the Conterminous United States. Earthquake Spectra, 2015, 31, S201-S220.	3.1	14
13	Seismic Hazard in the Nation's Breadbasket. Earthquake Spectra, 2015, 31, S109-S130.	3.1	12
14	The 2018 update of the US National Seismic Hazard Model: Ground motion models in the western US. Earthquake Spectra, 2021, 37, 2315-2341.	3.1	12
15	Seismic Hazard in the Intermountain West. Earthquake Spectra, 2015, 31, S149-S176.	3.1	10
16	The 2018 update of the US National Seismic Hazard Model: Ground motion models in the central and eastern US. Earthquake Spectra, 2021, 37, 1354-1390.	3.1	9
17	2021 US National Seismic Hazard Model for the State of Hawaii. Earthquake Spectra, 2022, 38, 865-916.	3.1	9
18	Evaluation of Ground-Motion Models for U.S. Geological Survey Seismic Hazard Forecasts: Hawaii Tectonic Earthquakes and Volcanic Eruptions. Bulletin of the Seismological Society of America, 2020, 110, 666-688.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Evaluation of Ground-Motion Models for U.S. Geological Survey Seismic Hazard Models: 2018 Anchorage, Alaska, Mw 7.1 Subduction Zone Earthquake Sequence. <i>Seismological Research Letters</i> , 2020, 91, 183-194.	1.9	6
20	The 2018 update of the US National Seismic Hazard Model: Where, why, and how much probabilistic ground motion maps changed. <i>Earthquake Spectra</i> , 2021, 37, 959-987.	3.1	6
21	The 2018 update of the US National Seismic Hazard Model: Additional period and site class data. <i>Earthquake Spectra</i> , 2021, 37, 1145-1161.	3.1	5
22	Evaluation of Ground-Motion Models for USGS Seismic Hazard Models Using Near-Source Instrumental Ground-Motion Recordings of the Ridgecrest, California, Earthquake Sequence. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 1517-1529.	2.3	4