

# Ruijia Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3237035/publications.pdf>

Version: 2024-02-01

21  
papers

569  
citations

840776

11  
h-index

794594

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	A seismological overview of the induced earthquakes in the Duvernay play near Fox Creek, Alberta. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 492-505.	3.4	134
2	Source analysis of a potential hydraulic fracturing induced earthquake near Fox Creek, Alberta. <i>Geophysical Research Letters</i> , 2016, 43, 564-573.	4.0	60
3	Faults and Non-Double-Couple Components for Induced Earthquakes. <i>Geophysical Research Letters</i> , 2018, 45, 8966-8975.	4.0	54
4	Newly emerging cases of hydraulic fracturing induced seismicity in the Duvernay East Shale Basin. <i>Tectonophysics</i> , 2020, 779, 228393.	2.2	52
5	Source characteristics and geological implications of the January 2016 induced earthquake swarm near Crooked Lake, Alberta. <i>Geophysical Journal International</i> , 2017, 210, 979-988.	2.4	48
6	Injection-Induced Earthquakes on Complex Fault Zones of the Raton Basin Illuminated by Machine Learning Phase Picker and Dense Nodal Array. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088168.	4.0	45
7	LOC-FLOW: An End-to-End Machine Learning-Based High-Precision Earthquake Location Workflow. <i>Seismological Research Letters</i> , 2022, 93, 2426-2438.	1.9	43
8	Spatiotemporal Variations in Crustal Seismic Anisotropy Surrounding Induced Earthquakes Near Fox Creek, Alberta. <i>Geophysical Research Letters</i> , 2019, 46, 5180-5189.	4.0	23
9	Combining Deep Learning With Physics Based Features in Explosion Earthquake Discrimination. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	19
10	Seismic Discrimination of Controlled Explosions and Earthquakes Near Mount St. Helens Using $P/S$ Ratios. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020338.	3.4	16
11	Discrimination of Small Earthquakes and Buried Single-Fired Chemical Explosions at Local Distances (<math>\leq 150\text{ km}</math>) in the Western United States from Comparison of Local Magnitude (ML) and Coda Duration Magnitude (MC). <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 558-570.	2.3	15
12	States of In Situ Stress in the Duvernay East Shale Basin and Willesden Green of Alberta, Canada: Variable In Situ Stress States Effect Fault Stability. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021221.	3.4	11
13	Earthquakes Induced by Wastewater Disposal near Musreau Lake, Alberta, 2018-2020. <i>Seismological Research Letters</i> , 2022, 93, 727-738.	1.9	10
14	Raton Basin Induced Seismicity Is Hosted by Networks of Short Basement Faults and Mimics Tectonic Earthquake Statistics. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022839.	3.4	9
15	Precambrian Tectonic Discontinuities in Western Laurentia: Broadband Seismological Perspectives on the Snowbird and Great Falls Tectonic Zones. <i>Tectonics</i> , 2018, 37, 1411-1434.	2.8	8
16	Advancing Local Distance Discrimination of Explosions and Earthquakes With Joint P/S and $M_L$ - $M_C$ Classification. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095721.	4.0	7
17	Constraining composition and temperature variations in the mantle transition zone. <i>Nature Communications</i> , 2022, 13, 1094.	12.8	7
18	Crustal attenuation beneath western North America: Implications for slab subduction, terrane accretion and arc magmatism of the Cascades. <i>Earth and Planetary Science Letters</i> , 2021, 560, 116783.	4.4	5

#	ARTICLE	IF	CITATIONS
19	Introduction to the Special Section on Observations, Mechanisms, and Hazards of Induced Seismicity. Bulletin of the Seismological Society of America, 2020, 110, 1999-2004.	2.3	1
20	Source Characterization for Two Small Earthquakes in Dartmouth, Nova Scotia, Canada: Pushing the Limit of Single Station. Seismological Research Letters, 2021, 92, 2540-2550.	1.9	1
21	Hydraulic fracturing induced seismicity in western Canada: insights from focal mechanism and swarm analysis. , 2017, , .		1