

# Camelia Knapp

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

940  
citations

567281

15  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the empirical mode decomposition and Hilbert-Huang transform to seismic reflection data. <i>Geophysics</i> , 2007, 72, H29-H37.	2.6	215
2	Crustal constraints on the origin of mantle seismicity in the Vrancea Zone, Romania: The case for active continental lithospheric delamination. <i>Tectonophysics</i> , 2005, 410, 311-323.	2.2	117
3	Crustal-scale structure of the South Caspian Basin revealed by deep seismic reflection profiling. <i>Marine and Petroleum Geology</i> , 2004, 21, 1073-1081.	3.3	84
4	Mantle earthquakes in the absence of subduction? Continental delamination in the Romanian Carpathians. <i>Lithosphere</i> , 2010, 2, 333-340.	1.4	78
5	Geophysical evidence for gas hydrates in the deep water of the South Caspian Basin, Azerbaijan. <i>Marine and Petroleum Geology</i> , 2001, 18, 209-221.	3.3	55
6	Characteristics of Romanian lithosphere from deep seismic reflection profiling. <i>Tectonophysics</i> , 1994, 239, 165-185.	2.2	36
7	Seismic reflection fabrics of continental collision and post-orogenic extension in the Middle Urals, central Russia. <i>Tectonophysics</i> , 1998, 288, 115-126.	2.2	35
8	Multiple resolution seismic imaging of a shallow hydrocarbon plumbing system, Woolsey Mound, Northern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2012, 38, 128-142.	3.3	35
9	Spatial distribution of gas hydrates from high-resolution seismic and core data, Woolsey Mound, Northern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2013, 44, 21-33.	3.3	34
10	Precambrian Moho offset and tectonic stability of the East European platform from the URSEIS deep seismic profile. <i>Geology</i> , 1998, 26, 211.	4.4	27
11	Near-vertical seismic reflection image using a novel acquisition technique across the Vrancea Zone and Foscani Basin, south-eastern Carpathians (Romania). <i>Tectonophysics</i> , 2005, 410, 293-309.	2.2	24
12	Optimal filtering high-resolution seismic reflection data using a weighted-mode empirical mode decomposition operator. <i>Journal of Applied Geophysics</i> , 2011, 75, 603-614.	2.1	21
13	Empirical Mode Decomposition Operator for Dewowing GPR Data. <i>Journal of Environmental and Engineering Geophysics</i> , 2009, 14, 163-169.	0.5	19
14	Preserved extent of Jurassic flood basalt in the South Georgia Rift: A new interpretation of the J horizon. <i>Geology</i> , 2012, 40, 167-170.	4.4	19
15	Constraints from Moho geometry and crustal thickness on the geodynamic origin of the Vrancea Seismogenic Zone (Romania). <i>Tectonophysics</i> , 2006, 420, 23-36.	2.2	15
16	Heat-flow regimes and the hydrate stability zone of a transient, thermogenic, fault-controlled hydrate system (Woolsey Mound northern Gulf of Mexico). <i>Marine and Petroleum Geology</i> , 2015, 59, 491-504.	3.3	15
17	Petrophysical characterization of the South Georgia Rift Basin for supercritical CO <sub>2</sub> storage: a preliminary assessment. <i>Environmental Earth Sciences</i> , 2013, 70, 2971-2985.	2.7	13
18	Study of recent crustal movements in Romania: A review. <i>Journal of Geodynamics</i> , 1996, 22, 33-50.	1.6	11

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19	Some seismic signatures in the Romanian crust. <i>Tectonophysics</i> , 1998, 288, 127-136.	2.2	11
20	Salt tectonics and Pliocene stratigraphic framework at MC-118, Gulf of Mexico: An integrated approach with application to deep-water confined structures in salt basins. <i>Marine and Petroleum Geology</i> , 2014, 50, 51-67.	3.3	11
21	A unified effective medium model for gas hydrates in sediments. <i>Geophysics</i> , 2018, 83, MR317-MR332.	2.6	11
22	Improved Hydrogeophysical Parameter Estimation from Empirical Mode Decomposition Processed Ground Penetrating Radar Data. <i>Journal of Environmental and Engineering Geophysics</i> , 2009, 14, 171-178.	0.5	11
23	Buried Gas Hydrates in the Deepwater of the South Caspian Sea, Azerbaijan: Implications for Geo-Hazards. <i>Energy Exploration and Exploitation</i> , 2000, 18, 385-400.	2.3	8
24	Tectonic significance of porosity and permeability regimes in the red beds formations of the South Georgia Rift Basin. <i>Tectonophysics</i> , 2014, 632, 1-7.	2.2	8
25	Simulation of carbon dioxide mineralization and its effect on fault leakage rates in the South Georgia rift basin, southeastern U.S.. <i>Heliyon</i> , 2022, 8, e09635.	3.2	7
26	Revised crustal architecture of the southeastern Carpathian foreland from active and passive seismic data. <i>Tectonics</i> , 2009, 28, .	2.8	6
27	Integration of borehole depth imaging and seismic reflection results in reservoir delineation: An example from The Alam El Bueib 3C field, Northern Western Desert, Egypt. <i>Journal of African Earth Sciences</i> , 2021, 184, 104322.	2.0	5
28	New constraints on buried Triassic basins and regional implications for subsurface CO2 storage from the SeisData6 seismic profile across the Southeast Georgia coastal plain. <i>Environmental Geosciences</i> , 2013, 20, 17-29.	0.6	4
29	Developing a robust geologic conceptual model using pseudo 3-D P-wave seismic reflection data. <i>Environmental Geosciences</i> , 2009, 16, 41-56.	0.6	4
30	Structural and stratigraphic control on the migration of a contaminant plume at the P Reactor area, Savannah River site, South Carolina. <i>Environmental Geosciences</i> , 2010, 17, 77-98.	0.6	1
31	A multiscale stratigraphic analysis of shallow unconsolidated sediments: A new approach for hydrogeophysical characterization in heterogeneous environments for contaminant remediation. , 2008, , .		0
32	Geomorphological Assessment of the North Myrtle Beach (SC) Continental Shelf for Wind Energy Development. <i>Southeastern Geographer</i> , 2018, 58, 181-192.	0.2	0
33	Acoustic impedance inversion for offshore CO2 storage: South Georgia Embayment. , 2019, , .		0
34	Identification of gas hydrates and bottom-simulating reflectors in far-offset seismic images. <i>Interpretation</i> , 2021, 9, SD53-SD69.	1.1	0
35	Introduction to special section: Gas hydrates. <i>Interpretation</i> , 2021, 9, SDi-SDi.	1.1	0
36	3D amplitude vs. offset and thermobaric modeling of gas hydrates at Woolsey Mound, Gulf of Mexico. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Integrated seismic inversion and rock physics analysis for CO2 storage. , 2020, , .		0
38	Re-evaluation of a post-rift unconfirmed play in the Norwegian North Sea for undiscovered stratigraphic traps by using a multidisciplinary approach. , 2020, , .		0
39	A New Approach to Predict Hydrogeological Parameters Using Shear Waves from the Multichannel Analysis of Surface Waves Method. Journal of Environmental and Engineering Geophysics, 2021, 26, 195-208.	0.5	0