

Masakazu Niwa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Upper Silurian and Devonian pelagic deep-water radiolarian chert from the Khangai–Khentei belt of Central Mongolia: Evidence for Middle Paleozoic subduction–accretion activity in the Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 209-225.	2.3	54
2	The structure and kinematics of an imbricate stack of oceanic rocks in the Jurassic accretionary complex of Central Japan: an oblique subduction model. <i>Journal of Structural Geology</i> , 2006, 28, 1670-1684.	2.3	16
3	Reconstructing the evolution of fault zone architecture: Field-based study of the core region of the Atera Fault, Central Japan. <i>Island Arc</i> , 2009, 18, 577-598.	1.1	16
4	Middle Permian fusulinoideans from the Moribu Formation in the Hida-gaien Tectonic Zone, Nyukawa Village, Gifu Prefecture, central Japan. <i>Journal of the Geological Society of Japan</i> , 2004, 110, 384-387.	0.6	14
5	Spatial distribution and characteristics of fracture zones near a long-lived active fault: A field-based study for understanding changes in underground environment caused by long-term fault activities. <i>Engineering Geology</i> , 2011, 119, 31-50.	6.3	12
6	Geological setting of basaltic rocks in an accretionary complex, Khangai–Khentei Belt, Mongolia. <i>Island Arc</i> , 2013, 22, 227-241.	1.1	12
7	Changes in chemical composition caused by water–rock interactions across a strike-slip fault zone: case study of the Atera Fault, Central Japan. <i>Geofluids</i> , 2015, 15, 387-409.	0.7	12
8	Microscopic features of quartz and clay particles from fault gouges and infilled fractures in granite: Discriminating between active and inactive faulting. <i>Engineering Geology</i> , 2016, 210, 180-196.	6.3	12
9	Identification of capable faults using fault rock geochemical signatures: A case study from offset granitic bedrock on the Tsuruga Peninsula, central Japan. <i>Engineering Geology</i> , 2019, 260, 105235.	6.3	12
10	Groundwater pressure changes in Central Japan induced by the 2011 off the Pacific coast of Tohoku Earthquake. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	11
11	Identification of pumice derived from historic eruption in the same volcano. <i>Journal of the Geological Society of Japan</i> , 2016, 122, 89-107.	0.6	11
12	Thermal Constraints on Clay Growth in Fault Gouge and Their Relationship with Fault-zone Evolution and Hydrothermal Alteration: Case Study of Gouges in the Kojaku Granite, Central Japan. <i>Clays and Clay Minerals</i> , 2016, 64, 86-107.	1.3	10
13	Cooling and Denudation History of the Tsuruga Body of Kojaku Granite, Southwest Japan, Constrained from Multi-system Thermochronology. <i>Journal of Geography (Chigaku Zasshi)</i> , 2016, 125, 201-219.	0.3	9
14	Quantitative micro-X-ray fluorescence scanning spectroscopy of wet sediment based on the X-ray absorption and emission theories: Its application to freshwater lake sedimentary sequences. <i>Sedimentology</i> , 2019, 66, 2490-2510.	3.1	8
15	Contribution to crustal strain accumulation of minor faults: a case study across the Niigata–Kobe Tectonic Zone, Japan. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	8
16	Crush zone structure in a compressional step. <i>Journal of the Geological Society of Japan</i> , 2008, 114, 495-515.	0.6	8
17	Kinematic analysis of sinistral cataclastic shear zones along the northern margin of the Mino Belt, central Japan. <i>Journal of Asian Earth Sciences</i> , 2005, 24, 787-800.	2.3	7
18	Permian clastic formation in the Yokoo area, Nyukawa Village, Gifu Prefecture, central Japan. <i>Journal of the Geological Society of Japan</i> , 2002, 108, 75-87.	0.6	7

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19	Zircon U-Pb and Fission-track ages for the Ohta Tephra in the Pliocene Tokai Group, Central Japan. <i>Journal of the Geological Society of Japan</i> , 2019, 125, 227-236.	0.6	7
20	Fission track dating of faulting events accommodating plastic deformation of biotites. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 1848-1859.	3.4	6
21	Early Jurassic radiolarians from the Chichibu Composite Belt in the Sannokou area, central Kii Peninsula, Southwest Japan. <i>Journal of the Geological Society of Japan</i> , 2005, 111, 170-181.	0.6	6
22	Stratigraphy of the Permian Shiroumadake Formation and its structural relationship with serpentinite in the Mt. Shiroumadake area, Hida Gaien belt, central Japan. <i>Journal of the Geological Society of Japan</i> , 2004, 110, 715-730.	0.6	6
23	Provenance identification based on EPMA analyses of heavy minerals: Case study of the Toki Sand and Gravel Formation, central Japan. <i>Island Arc</i> , 2019, 28, e12295.	1.1	5
24	Seismic subsidence near the source region of the 1662 Kanbun Hyuganada Sea earthquake: Geochemical, stratigraphical, chronological, and paleontological evidences in Miyazaki Plain, southwest Japan. <i>Island Arc</i> , 2020, 29, e12341.	1.1	5
25	Early Jurassic radiolarians from pelitic rocks in the Mino Belt, Nyukawa Village, Gifu Prefecture, central Japan. <i>Journal of the Geological Society of Japan</i> , 2002, 108, 16-23.	0.6	5
26	Outline of the shear zones in the Kuzuryu area, Hida Gaien belt, Fukui Prefecture, central Japan. <i>Journal of the Geological Society of Japan</i> , 2004, 110, 598-607.	0.6	5
27	Zircon U-Pb and fission-track ages for tephra interbedded in Neogene and Quaternary in Horonobe area, northern Hokkaido. <i>Journal of the Geological Society of Japan</i> , 2020, 126, 267-283.	0.6	5
28	Geochemical and heavy mineral signatures of marine incursions by a paleotsunami on the Miyazaki plain along the Nankaiâ€“Suruga trough, the Pacific coast of southwest Japan. <i>Marine Geology</i> , 2022, 444, 106704.	2.1	5
29	Lithology, structure and correlation of the Hirayu Complex in the Mino Belt of the Takayama area, Gifu Prefecture, central Japan. <i>Journal of the Geological Society of Japan</i> , 2004, 110, 439-451.	0.6	4
30	Identification of Pathways for Hydrogen Gas Migration in Fault Zones with a Discontinuous, Heterogeneous Permeability Structure and the Relationship to Particle Size Distribution of Fault Materials. <i>Pure and Applied Geophysics</i> , 2011, 168, 887-900.	1.9	4
31	Quantitative and semiâ€“quantitative analyses using a portable energy dispersive Xâ€“ray fluorescence spectrometer: Geochemical applications in fault rocks, lake sediments, and event deposits. <i>Journal of Mineralogical and Petrological Sciences</i> , 2021, 116, 140-158.	0.9	4
32	CHIME monazite dating: Pb analysis on an R_R = 100 mm spectrometer and correction of interferences between Th, U, and Pb with natural monazite. <i>Journal of Mineralogical and Petrological Sciences</i> , 2017, 112, 88-96.	0.9	4
33	Lithology and deformation structure of an accretionary complex characterized by large amounts of oceanic rocks -an example of the Kohachigagawa Complex of the Mino Belt in the Takayama area, Gifu Prefecture-. <i>Journal of the Geological Society of Japan</i> , 2006, 112, 371-389.	0.6	3
34	K-Ar ages of an andesitic parallel dike swarm in the Takane area, Takayama City, Gifu Prefecture, Central Japan. <i>Journal of the Geological Society of Japan</i> , 2020, 126, 543-548.	0.6	1
35	Modal analysis using scanning X-ray analytical microscope and image processing and analyzing softwares. <i>Journal of the Geological Society of Japan</i> , 2017, 123, 1061-1066.	0.6	0
36	Sedimentary rhythm of Mn-carbonate laminae induced by East Asian summer monsoon variability and human activity in Lake Ohnuma, southwest Hokkaido, northern Japan. <i>Quaternary Science Reviews</i> , 2020, 248, 106576.	3.0	0

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37	Rapid Identification of Water-Conducting Fractures Using a Trace Methane Gas Measurement. Ground Water Monitoring and Remediation, 2021, 41, 41-50.	0.8	0
38	Provenance Analysis Using Rapid Quantification of Heavy Minerals via EPMA. Journal of the Japan Society of Engineering Geology, 2021, 62, 2-12.	0.2	0
39	Discrimination Between Active and Non-Active Faults Based on the Chemical Composition of Fault Gouge. Journal of the Japan Society of Engineering Geology, 2021, 62, 104-112.	0.2	0
40	Infrared images of outcrops around the Kawayu hot springs, Hongucho, Tanabe City, Wakayama Prefecture. Journal of the Geological Society of Japan, 2021, 127, 1-11.	0.6	0