

# Yoshiki Ninomiya

## List of Publications by Citations

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24  
papers

890  
citations

16  
h-index

27  
g-index

27  
ext. papers

1,017  
ext. citations

4  
avg, IF

4.18  
L-index

#	Paper	IF	Citations
24	Detecting lithology with Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) multispectral thermal infrared radiance-at-sensor data. <i>Remote Sensing of Environment</i> , <b>2005</b> , 99, 127-139	13.2	206
23	Surface deformation related to the 2008 Wenchuan earthquake, and mountain building of the Longmen Shan, eastern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 40, 805-824	2.8	91
22	Variations of geothermometry and chemical-isotopic compositions of hot spring fluids in the Rehai geothermal field, southwestern China. <i>Journal of Volcanology and Geothermal Research</i> , <b>2005</b> , 142, 243-261	2.8	86
21	Processing and interpretation of ASTER TIR data for mapping of rare-metal-enriched albite granitoids in the Central Eastern Desert of Egypt. <i>Journal of African Earth Sciences</i> , <b>2010</b> , 58, 141-151	2.2	64
20	Slip partitioning in the northeast Pamirian Shan convergence zone. <i>Tectonophysics</i> , <b>2010</b> , 483, 344-364	3.1	59
19	Mapping active fault associated with the 2003 Mw 6.6 Bam (SE Iran) earthquake with ASTER 3D images. <i>Remote Sensing of Environment</i> , <b>2004</b> , 92, 153-157	13.2	44
18	Mapping hydrocarbon-induced mineralogical alteration in the northern Tian Shan using ASTER multispectral data. <i>Terra Nova</i> , <b>2007</b> , 19, 225-231	3	40
17	Mapping quartz, carbonate minerals, and mafic-ultramafic rocks using remotely sensed multispectral thermal infrared ASTER data <b>2002</b> , 4710, 191		40
16	Lithologic mapping with multispectral ASTER TIR and SWIR data <b>2004</b> ,		38
15	Complex geometry and segmentation of the surface rupture associated with the 14 November 2001 great Kunlun earthquake, northern Tibet, China. <i>Tectonophysics</i> , <b>2005</b> , 407, 43-63	3.1	32
14	Satellite-derived mineral mapping and monitoring of weathering, deposition and erosion. <i>Scientific Reports</i> , <b>2016</b> , 6, 23702	4.9	31
13	Thermal infrared multispectral remote sensing of lithology and mineralogy based on spectral properties of materials. <i>Ore Geology Reviews</i> , <b>2019</b> , 108, 54-72	3.2	31
12	Regional Lithological Mapping Using ASTER-TIR Data: Case Study for the Tibetan Plateau and the Surrounding Area. <i>Geosciences (Switzerland)</i> , <b>2016</b> , 6, 39	2.7	25
11	Multispectral remote sensing mapping for hydrocarbon seepage-induced lithologic anomalies in the Kuqa foreland basin, south Tian Shan. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 46, 70-77	2.8	24
10	Rock type mapping with indices defined for multispectral thermal infrared ASTER data: case studies <b>2003</b> , 4886, 123		20
9	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1995</b> , 33, 684-691	8.1	19
8	A comparison of thermal infrared emissivity spectra measured in situ, in the laboratory, and derived from thermal infrared multispectral scanner (TIMS) data in Cuprite, Nevada, U.S.A.. <i>International Journal of Remote Sensing</i> , <b>1997</b> , 18, 1571-1581	3.1	15

7	A new fault rupture scenario for the 2003 Mw 6.6 Bam earthquake, SE Iran: Insights from the high-resolution QuickBird imagery and field observations. <i>Journal of Geodynamics</i> , <b>2007</b> , 44, 160-172	2.2	12
6	Geomorphological changes associated with underground coal mining in the Fushun area, northeast China revealed by multitemporal satellite remote sensing data. <i>International Journal of Remote Sensing</i> , <b>2009</b> , 30, 4767-4784	3.1	4
5	New Insights of Geomorphologic and Lithologic Features on Wudalianchi Volcanoes in the Northeastern China from the ASTER Multispectral Data. <i>Remote Sensing</i> , <b>2019</b> , 11, 2663	5	3
4	Wide area lithologic mapping with ASTER thermal infrared data: Case studies for the regions in/around the Pamir Mountains and the Tarim basin. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 74, 012006	0.3	2
3	Analysis of mineral composition by infrared spectral imaging using quantum dot focal plane array sensor <b>2017</b> ,		1
2	Multispectral imaging of mineral samples by infrared quantum dot focal plane array sensors. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2020</b> , 159, 107775	4.6	1
1	Toward Lithological Mapping of Arabian Peninsula Using ASTER Multispectral Thermal Infrared Data. <i>Advances in Science, Technology and Innovation</i> , <b>2019</b> , 181-184	0.3	1