

Tadashi Yamasaki

List of Publications by Citations

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27
papers

743
citations

13
h-index

27
g-index

28
ext. papers

817
ext. citations

4.1
avg, IF

4.18
L-index

#	Paper	IF	Citations
27	Double seismic zone and dehydration embrittlement of the subducting slab. <i>Journal of Geophysical Research</i> , 2003 , 108,		197
26	Low-frequency tremors, intraslab and interplate earthquakes in Southwest Japan from a viewpoint of slab dehydration. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	89
25	Crustal and basin evolution of the southwestern Barents Sea: From Caledonian orogeny to continental breakup. <i>Tectonics</i> , 2014 , 33, 347-373	4.3	81
24	The Norway Basin revisited: From continental breakup to spreading ridge extinction. <i>Marine and Petroleum Geology</i> , 2012 , 35, 1-19	4.7	63
23	Weak ductile shear zone beneath a major strike-slip fault: Inferences from earthquake cycle model constrained by geodetic observations of the western North Anatolian Fault Zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2014 , 119, 3678-3699	3.6	45
22	The crustal viscosity gradient measured from post-seismic deformation: A case study of the 1997 Manyi (Tibet) earthquake. <i>Earth and Planetary Science Letters</i> , 2012 , 351-352, 105-114	5.3	37
21	High strain rate zone in central Honshu resulting from the viscosity heterogeneities in the crust and mantle. <i>Earth and Planetary Science Letters</i> , 2005 , 232, 13-27	5.3	34
20	Styles of lithospheric extension controlled by underplated mafic bodies. <i>Tectonophysics</i> , 2009 , 468, 169-184	3.84	28
19	Viscoelastic crustal deformation by magmatic intrusion: A case study in the Kutcharo caldera, eastern Hokkaido, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2018 , 349, 128-145	2.8	18
18	Redistribution of the lithosphere deformation by the emplacement of underplated mafic bodies: implications for microcontinent formation. <i>Journal of the Geological Society</i> , 2010 , 167, 961-971	2.7	18
17	The effects of the spinel-garnet phase transition on the formation of rifted sedimentary basins. <i>Geophysical Journal International</i> , 1997 , 130, 681-692	2.6	18
16	Unexpected large eruptions from buoyant magma bodies within viscoelastic crust. <i>Nature Communications</i> , 2020 , 11, 2403	17.4	16
15	The signature of depth-dependent viscosity structure in post-seismic deformation. <i>Geophysical Journal International</i> , 2012 , 190, 769-784	2.6	14
14	Back-arc rifting initiated with a hot and wet continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2011 , 302, 172-184	5.3	13
13	Numerical modelling study on the flexural uplift of the Transantarctic Mountains. <i>Geophysical Journal International</i> , 2008 , 174, 377-390	2.6	12
12	A rheological weak zone intensified by post-rift thermal relaxation as a possible origin of simple shear deformation associated with reactivation of rifting. <i>Earth and Planetary Science Letters</i> , 2006 , 248, 134-146	5.3	9
11	Localized rheological weakening by grain-size reduction during lithospheric extension. <i>Tectonophysics</i> , 2004 , 386, 117-145	3.1	9

10	Change in tectonic force inferred from basin subsidence: Implications for the dynamical aspects of back-arc rifting in the western Mediterranean. <i>Earth and Planetary Science Letters</i> , 2009 , 277, 174-183	5.3	8
9	Potential role of strain hardening in the cessation of rifting at constant tectonic force. <i>Journal of Geodynamics</i> , 2009 , 47, 47-62	2.2	8
8	MagmaticHydrothermal system of Aso Volcano, Japan, inferred from electrical resistivity structures. <i>Earth, Planets and Space</i> , 2020 , 72,	2.9	5
7	Imaging a low viscosity zone beneath the Kutcharo caldera, eastern Hokkaido, Japan, using geodetic data. <i>Earth and Planetary Science Letters</i> , 2018 , 504, 1-12	5.3	5
6	Effects of the Quaternary sea-level change on the subsidence of a sedimentary basin: a case study of the Osaka Bay sedimentary basin, Japan. <i>Tectonophysics</i> , 1996 , 267, 229-238	3.1	4
5	Viscoelastic crustal response to magma supply and discharge in the upper crust: Implications for the uplift of the Aira caldera before and after the 1914 eruption of the Sakurajima volcano. <i>Earth and Planetary Science Letters</i> , 2020 , 531, 115981	5.3	4
4	Analysis of the spatial viscosity variation in the crust beneath the western North Anatolian Fault. <i>Journal of Geodynamics</i> , 2015 , 88, 80-89	2.2	3
3	Crustal Deformation Infers a Magma Chamber. <i>Journal of Geography (Chigaku Zasshi)</i> , 2018 , 127, 111-138.5	3.5	3
2	The influence of elastic thickness non-uniformity on viscoelastic crustal response to magma emplacement: application to the Kutcharo caldera, eastern Hokkaido, Japan. <i>Geophysical Journal International</i> , 2020 , 224, 701-718	2.6	2
1	Variable inflation rate of a magmatic deformation source beneath Aira caldera after the 1914 eruption of Sakurajima volcano: Inferences from a linear Maxwell viscoelastic model constrained by geodetic data. <i>Journal of Volcanology and Geothermal Research</i> , 2021 , 421, 107446	2.8	