

Ryoji Tanaka

List of Publications by Year in descending order

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40
papers

941
citations

567281

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454955

30
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43
all docs

43
docs citations

43
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-phase water isotope separation using graphene-oxide membranes. <i>Carbon</i> , 2022, 186, 344-354.	10.3	15
2	Nitrogenous Altered Volcanic Glasses as Targets for Mars Sample Return: Examples From Antarctica and Iceland. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	2
3	On the origin and evolution of the asteroid Ryugu: A comprehensive geochemical perspective. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2022, 98, 227-282.	3.8	77
4	A rapid method of simultaneous chromatographic purification of Li and Mg for isotopic analyses using MC-ICP-MS. <i>International Journal of Mass Spectrometry</i> , 2022, 480, 116893.	1.5	3
5	Distance-dependence from volcano for Asian dust inclusions in Andosols: A key to control soil ability to retain radiocesium. <i>Geoderma</i> , 2021, 385, 114889.	5.1	4
6	Silicon and Oxygen Isotope Evolution of the Inner Solar System. <i>Planetary Science Journal</i> , 2021, 2, 102.	3.6	4
7	A New Insight Into Seawater-Basalt Exchange Reactions Based on Combined ^{18}O and ^{217}O $^{87}\text{Sr}/^{86}\text{Sr}$ Values of Hydrothermal Fluids From the Axial Seamount Volcano, Pacific Ocean. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	8
8	Novel nickel isolation procedure for a wide range of sample matrices without using dimethylglyoxime for isotope measurements using MC-ICP-MS. <i>Analytica Chimica Acta</i> , 2021, 1181, 338934.	5.4	7
9	Comment on: "A simple cryogenic method for efficient measurement of triple oxygen isotopes in silicates" by Ghoshmaulik et al. (<i>Rapid Commun Mass Spectrom.</i> 2020;34(18):e8833). <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8913.	1.5	1
10	The Albedo of Ryugu: Evidence for a High Organic Abundance, as Inferred from the Hayabusa2 Touchdown Maneuver. <i>Astrobiology</i> , 2020, 20, 916-921.	3.0	14
11	The origin of the unique achondrite Northwest Africa 6704: Constraints from petrology, chemistry and ^{18}O , O and Ti isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 597-627.	3.9	41
12	Origin of ocean island basalts in the West African passive margin without mantle plume involvement. <i>Nature Communications</i> , 2019, 10, 3022.	12.8	11
13	Triple oxygen isotope systematics as a tracer of fluids in the crust: A study from modern geothermal systems of Iceland. <i>Chemical Geology</i> , 2019, 530, 119312.	3.3	23
14	Transition from Plume-driven to Plate-driven Magmatism in the Evolution of the Main Ethiopian Rift. <i>Journal of Petrology</i> , 2019, 60, 1681-1715.	2.8	4
15	Tourmaline in a Mesoarchean pelagic hydrothermal system: Implications for the habitat of early life. <i>Precambrian Research</i> , 2019, 334, 105475.	2.7	6
16	A Method to Suppress Isobaric and Polyatomic Interferences for Measurements of Highly Siderophile Elements in Desilicified Geological Samples. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 611-633.	3.1	4
17	Hypervelocity collision and water-rock interaction in space preserved in the Chelyabinsk ordinary chondrite. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 165-177.	3.8	7
18	Asian dust increases radiocesium retention ability of serpentine soils in Japan. <i>Journal of Environmental Radioactivity</i> , 2019, 204, 86-94.	1.7	4

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19	Circa 1 Ga sub-seafloor hydrothermal alteration imprinted on the Horoman peridotite massif. <i>Scientific Reports</i> , 2018, 8, 9887.	3.3	4
20	Silicate-SiO reaction in a protoplanetary disk recorded by oxygen isotopes in chondrules. <i>Nature Astronomy</i> , 2017, 1, .	10.1	9
21	The oxygen isotope composition of San Carlos olivine on the VSMOW-VLAP scale. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1495-1504.	1.5	83
22	Aeolian-Dust-Derived Micaceous Minerals Control Radiocesium Retention in Andosols in Japan. <i>Soil Science Society of America Journal</i> , 2015, 79, 1590-1600.	2.2	19
23	Evaluation of the applicability of acid leaching for the ^{238}U - ^{230}Th internal isochron method. <i>Chemical Geology</i> , 2015, 396, 255-264.	3.3	3
24	Oxygen isotopes in Indian Plate eclogites (Kaghan Valley, Pakistan): Negative $\delta^{18}\text{O}$ values from a high latitude protolith reset by Himalayan metamorphism. <i>Lithos</i> , 2014, 208-209, 471-483.	1.4	12
25	Two new eucrite breccias from Northwest Africa. <i>Meteoritics and Planetary Science</i> , 2013, 48, E1.	1.6	2
26	Determination of ^{17}O -excess of terrestrial silicate/oxide minerals with respect to Vienna Standard Mean Ocean Water (VSMOW). <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 285-297.	1.5	60
27	Space environment of an asteroid preserved on micrograins returned by the Hayabusa spacecraft. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E624-9.	7.1	97
28	Establishment of Comprehensive Analytical System for Terrestrial and Extraterrestrial Materials behind the Initial Analysis of Particles Returned by Hayabusa Spacecraft. <i>Hyomen Kagaku</i> , 2012, 33, 681-686.	0.0	0
29	The influence of aeolian dust in non-allophanic Andosols on Yakushima Island. <i>Soil Science and Plant Nutrition</i> , 2012, 58, 191-199.	1.9	6
30	Inherited Pb isotopic records in olivine antecryst-hosted melt inclusions from Hawaiian lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 169-195.	3.9	34
31	Precise Elemental and Isotopic Analyses in Silicate Samples Employing ICP-MS: Application of Hydrofluoric Acid Solution and Analytical Techniques. <i>Analytical Sciences</i> , 2009, 25, 1181-1187.	1.6	29
32	Comprehensive analysis for major, minor and trace element contents and Sr-Nd-Pb-Hf isotope ratios in sediment reference materials, JSd-1 and MAG-1. <i>Geochemical Journal</i> , 2009, 43, 207-216.	1.0	13
33	Hawaiian double volcanic chain triggered by an episodic involvement of recycled material: Constraints from temporal Sr-Nd-Hf-Pb isotopic trend of the Loa-type volcanoes. <i>Earth and Planetary Science Letters</i> , 2008, 265, 450-465.	4.4	61
34	Boron isotopic constraints on the source of Hawaiian shield lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3385-3399.	3.9	47
35	Lithium, boron, and lead isotope systematics of glass inclusions in olivines from Hawaiian lavas: evidence for recycled components in the Hawaiian plume. <i>Chemical Geology</i> , 2004, 212, 143-161.	3.3	89
36	Suppression of Zr, Nb, Hf and Ta coprecipitation in fluoride compounds for determination in Ca-rich materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 1458.	3.0	56

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37	Geochemical evolution of Koolau Volcano, Hawaii. Geophysical Monograph Series, 2002, , 311-332.	0.1	31
38	Sr and Nd isotopic data for the seven GSJ rock reference samples;JA-l, JB-la, JB-2, JB-3, JG-la, JGb-l and JR-l.. Geochemical Journal, 1998, 32, 205-211.	1.0	44
39	Concentration of meteoritic free organic matter by fluid transport and adsorption. Geochemical Perspectives Letters, 0, , 30-35.	5.0	6
40	â€œThe ice-organic-silicate contents of small solar system bodies: indicators for a comet to asteroid evolutionary pathwayâ€• Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	1