

Yuichiro Ueno

List of Publications by Year in descending order

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94
papers

4,572
citations

101543

36
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106344

65
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96
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96
docs citations

96
times ranked

3820
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#	ARTICLE	IF	CITATIONS
1	Absorption spectra measurements at ~ 1 cm ⁻¹ ; spectral resolution of ^{32}S , ^{33}S , ^{34}S , and ^{36}S sulfur dioxide for the 206–220 nm region and applications to modeling of the isotopic self-shielding. <i>Geochemical Journal</i> , 2022, 56, 40-56.	1.0	3
2	Sulfur isotope systematics of granitoids from the Yilgarn Craton sheds new light on the fluid reservoirs of Neoproterozoic orogenic gold deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 199-213.	3.9	11
3	Spatial distribution of organic functional groups in Ediacaran acritarchs from the Doushantuo Formation in South China as revealed by micro-FTIR spectroscopy. <i>Precambrian Research</i> , 2022, 373, 106628.	2.7	5
4	Standardization for ^{13}C clumped isotope analysis by the fluorination method. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9109.	1.5	2
5	Spatial distribution and speciation of sulfur in Ediacaran limestones with $\mu\text{-XRF}$ imaging and XANES spectroscopy: Implications for diagenetic mobilization of sulfur species. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 306, 20-43.	3.9	3
6	Tracing sulfur sources in the crust via SIMS measurements of sulfur isotopes in apatite. <i>Chemical Geology</i> , 2021, 579, 120242.	3.3	9
7	Multiple sulfur isotope chemostratigraphy across the Permian–Triassic boundary at Chaotian, China: Implications for a shoaling model of toxic deep-sea waters. <i>Island Arc</i> , 2021, 30, e12398.	1.1	6
8	The Great Oxidation Event preceded a Paleoproterozoic “snowball Earth”. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13314-13320.	7.1	90
9	Loss and Fractionation of Noble Gas Isotopes and Moderately Volatile Elements from Planetary Embryos and Early Venus, Earth and Mars. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	34
10	Hydrogenation reactions of carbon on Earth: Linking methane, margarine, and life. <i>American Mineralogist</i> , 2020, 105, 599-608.	1.9	9
11	A fluorination method for measuring the ^{13}C isotopologue of C_2 molecules. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8761.	1.5	5
12	Multiple Sulfur Isotope Records of the 3.22 Ga Moodies Group, Barberton Greenstone Belt. <i>Geosciences (Switzerland)</i> , 2020, 10, 145.	2.2	7
13	The Great Oxidation Event Preceded a Paleoproterozoic “snowball Earth”™. , 2020, , .		5
14	Geochemical and Metagenomic Characterization of Jinata Onsen, a Proterozoic-Analog Hot Spring, Reveals Novel Microbial Diversity including Iron-Tolerant Phototrophs and Thermophilic Lithotrophs. <i>Microbes and Environments</i> , 2019, 34, 278-292.	1.6	48
15	Variations in thermal state revealed by the geochemistry of fumarolic gases and hot-spring waters of the Tateyama volcanic hydrothermal system, Japan. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	6
16	Intramolecular isotopic evidence for bacterial oxidation of propane in subsurface natural gas reservoirs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6653-6658.	7.1	44
17	Total Pressure Dependence of Sulfur Mass-Independent Fractionation by SO_2 Photolysis. <i>Geophysical Research Letters</i> , 2019, 46, 483-491.	4.0	14
18	In situ analyses of hydrogen and sulfur isotope ratios in basaltic glass using SIMS. <i>Geochemical Journal</i> , 2019, 53, 195-207.	1.0	5

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19	Geoelectrochemical CO production: Implications for the autotrophic origin of life. <i>Science Advances</i> , 2018, 4, eaao7265.	10.3	41
20	Recycled Archean sulfur in the mantle wedge of the Mariana Forearc and microbial sulfate reduction within an extremely alkaline serpentine seamount. <i>Earth and Planetary Science Letters</i> , 2018, 491, 109-120.	4.4	14
21	Multiple sulfur isotope constraints on microbial sulfate reduction below an Archean seafloor hydrothermal system. <i>Geobiology</i> , 2018, 16, 107-120.	2.4	16
22	FTIR microspectroscopy of carbonaceous matter in ~3.5 Ga seafloor hydrothermal deposits in the North Pole area, Western Australia. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	10
23	Changes of aliphatic C-H bonds in cyanobacteria during experimental thermal maturation in the presence or absence of silica as evaluated by FTIR microspectroscopy. <i>Geobiology</i> , 2018, 16, 412-428.	2.4	25
24	Ejection of iron-bearing giant-impact fragments and the dynamical and geochemical influence of the fragment re-accretion. <i>Earth and Planetary Science Letters</i> , 2017, 470, 87-95.	4.4	31
25	Compound- and position-specific carbon isotopic signatures of abiogenic hydrocarbons from an "land serpentinite"-hosted Hakuba Happo hot spring in Japan. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 206, 201-215.	3.9	57
26	Multiple sulfur isotope geochemistry of Dharwar Supergroup, Southern India: Late Archean record of changing atmospheric chemistry. <i>Earth and Planetary Science Letters</i> , 2017, 464, 69-83.	4.4	21
27	Multiple sulfur isotope records at the end-Guadalupian (Permian) at Chaotian, China: Implications for a role of bioturbation in the Phanerozoic sulfur cycle. <i>Journal of Asian Earth Sciences</i> , 2017, 135, 70-79.	2.3	17
28	Tracking the migration of the Indian continent using the carbonate clumped isotope technique on Phanerozoic soil carbonates. <i>Scientific Reports</i> , 2016, 6, 22187.	3.3	11
29	Measurement of position-specific ¹³ C isotopic composition of propane at the nanomole level. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 177, 205-216.	3.9	66
30	Sulfur isotope fractionation by broadband UV radiation to optically thin SO ₂ under reducing atmosphere. <i>Earth and Planetary Science Letters</i> , 2016, 453, 9-22.	4.4	41
31	PIXE and microthermometric analyses of fluid inclusions in hydrothermal quartz from the 2.2Ga Ongeluk Formation, South Africa: Implications for ancient seawater salinity. <i>Precambrian Research</i> , 2016, 286, 337-351.	2.7	7
32	Influence of cell's growth phase on the sulfur isotopic fractionation during in vitro microbial sulfate reduction. <i>Chemical Geology</i> , 2016, 431, 1-9.	3.3	10
33	Geochemical characteristics of hydrothermal fluids at Hatoma Knoll in the southern Okinawa Trough. <i>Geochemical Journal</i> , 2016, 50, 493-525.	1.0	22
34	Rapid quadruple sulfur isotope analysis at the sub-micromole level by a flash heating with CoF ₃ . <i>Chemical Geology</i> , 2015, 419, 29-35.	3.3	27
35	Authigenic carbonate precipitation at the end-Guadalupian (Middle Permian) in China: Implications for the carbon cycle in ancient anoxic oceans. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	3.0	11
36	Preserved sedimentary structures in the Archean Dharwar Supergroup, southwest India. <i>Journal of the Geological Society of Japan</i> , 2015, 121, VII-VIII.	0.6	2

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37	Simultaneous determinations of fluorine, chlorine, and sulfur in rock samples by ion chromatography combined with pyrohydrolysis. <i>Geochemical Journal</i> , 2015, 49, 113-124.	1.0	36
38	Photoabsorption cross-section measurements of ³² S, ³³ S, ³⁴ S, and ³⁶ S sulfur dioxide from 190 to 220 nm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2546-2557.	3.3	35
39	Determination of the Sulfur Isotope Ratio in Carbonyl Sulfide Using Gas Chromatography/Isotope Ratio Mass Spectrometry on Fragment Ions ³² S ⁺ , ³³ S ⁺ , and ³⁴ S ⁺ . <i>Analytical Chemistry</i> , 2015, 87, 477-484.	6.5	27
40	Decoding Redox Evolution Before Oxygenic Photosynthesis Based on the Sulfur-Mass Independent Fractionation (S-MIF) Record. <i>Origins of Life and Evolution of Biospheres</i> , 2015, 45, 371-374.	1.9	4
41	Three-step modernization of the ocean: Modeling of carbon cycles and the revolution of ecological systems in the Ediacaran/Cambrian periods. <i>Geoscience Frontiers</i> , 2015, 6, 121-136.	8.4	12
42	Reply to comment on "Origin of methane in serpentinite-hosted hydrothermal systems: The CH ₄ -H ₂ -H ₂ O hydrogen isotope systematics of the Hakuba Happo hot spring" by Suda et al. [<i>Earth Planet. Sci. Lett.</i> 386 (2014) 112-125]. <i>Earth and Planetary Science Letters</i> , 2014, 401, 376-377.	4.4	3
43	Low Core-Mantle Boundary Temperature Inferred from the Solidus of Pyrolite. <i>Science</i> , 2014, 343, 522-525.	12.6	224
44	FTIR microspectroscopy of Ediacaran phosphatized microfossils from the Doushantuo Formation, Weng'an, South China. <i>Gondwana Research</i> , 2014, 25, 1120-1138.	6.0	22
45	Origin of methane in serpentinite-hosted hydrothermal systems: The CH ₄ -H ₂ -H ₂ O hydrogen isotope systematics of the Hakuba Happo hot spring. <i>Earth and Planetary Science Letters</i> , 2014, 386, 112-125.	4.4	100
46	Coping with low ocean sulfate. <i>Science</i> , 2014, 346, 703-704.	12.6	17
47	Isotopic evidence for water-column denitrification and sulfate reduction at the end-Guadalupian (Middle Permian). <i>Global and Planetary Change</i> , 2014, 123, 110-120.	3.5	29
48	Nitrogen isotope chemostratigraphy across the Permian-Triassic boundary at Chaotian, Sichuan, South China. <i>Journal of Asian Earth Sciences</i> , 2014, 93, 113-128.	2.3	31
49	Hydrogen isotope systematics among H ₂ -H ₂ O-CH ₄ during the growth of the hydrogenotrophic methanogen <i>Methanothermobacter thermoautotrophicus</i> strain I ^H . <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 601-614.	3.9	26
50	Microbial sulfate reduction within the Iheya North seafloor hydrothermal system constrained by quadruple sulfur isotopes. <i>Earth and Planetary Science Letters</i> , 2014, 398, 113-126.	4.4	35
51	The ¹³ C excursions spanning the Cambrian explosion to the Canglangpuian mass extinction in the Three Gorges area, South China. <i>Gondwana Research</i> , 2014, 25, 1045-1056.	6.0	52
52	Nitrogen isotope chemostratigraphy of the Ediacaran and Early Cambrian platform sequence at Three Gorges, South China. <i>Gondwana Research</i> , 2014, 25, 1057-1069.	6.0	68
53	Molecular fossils extracted from the Early Cambrian section in the Three Gorges area, South China. <i>Gondwana Research</i> , 2014, 25, 1108-1119.	6.0	11
54	Irreversible change of the oceanic carbon cycle in the earliest Cambrian: High-resolution organic and inorganic carbon chemostratigraphy in the Three Gorges area, South China. <i>Precambrian Research</i> , 2013, 225, 190-208.	2.7	69

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55	Middleâ€“Upper Permian carbon isotope stratigraphy at Chaotian, South China: Pre-extinction multiple upwelling of oxygen-depleted water onto continental shelf. <i>Journal of Asian Earth Sciences</i> , 2013, 67-68, 51-62.	2.3	42
56	Geochemical origin of hydrothermal fluid methane in sediment-associated fields and its relevance to the geographical distribution of whole hydrothermal circulation. <i>Chemical Geology</i> , 2013, 339, 213-225.	3.3	70
57	The appearance of an oxygen-depleted condition on the Capitanian disphotic slope/basin in South China: Middleâ€“Upper Permian stratigraphy at Chaotian in northern Sichuan. <i>Global and Planetary Change</i> , 2013, 105, 180-192.	3.5	50
58	Decrease of seawater CO ₂ concentration in the Late Archean: An implication from 2.6 Ga seafloor hydrothermal alteration. <i>Precambrian Research</i> , 2013, 236, 59-64.	2.7	16
59	An appraisal of Archean supracrustal sequences in Chitradurga Schist Belt, Western Dharwar Craton, Southern India. <i>Precambrian Research</i> , 2013, 227, 99-119.	2.7	100
60	SO ₂ photoexcitation mechanism links mass-independent sulfur isotopic fractionation in cryospheric sulfate to climate impacting volcanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17656-17661.	7.1	50
61	The oxygen isotope composition of earth's oldest rocks and evidence of a terrestrial magma ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1929-1939.	2.5	15
62	Carbon and oxygen isotope chemostratigraphies of the Yangtze platform, South China: Decoding temperature and environmental changes through the Ediacaran. <i>Gondwana Research</i> , 2013, 23, 333-353.	6.0	101
63	Spatial Distribution of Viruses Associated with Planktonic and Attached Microbial Communities in Hydrothermal Environments. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1311-1320.	3.1	42
64	An isotopic analysis of ionising radiation as a source of sulphuric acid. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5319-5327.	4.9	14
65	Seasonal change in microbial sulfur cycling in monomictic Lake Fukamiâ€“ke, Japan. <i>Limnology and Oceanography</i> , 2012, 57, 974-988.	3.1	30
66	Photoabsorption crossâ€“section measurements of ³² S, ³³ S, ³⁴ S, and ³⁶ S sulfur dioxide for the <i>B</i> ₁ absorption band. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	27
67	In situ iron isotope analyses of pyrite and organic carbon isotope ratios in the Fortescue Group: Metabolic variations of a Late Archean ecosystem. <i>Precambrian Research</i> , 2012, 212-213, 169-193.	2.7	37
68	Depth variation of carbon and oxygen isotopes of calcites in Archean altered upperoceanic crust: Implications for the CO ₂ flux from ocean to oceanic crust in the Archean. <i>Earth and Planetary Science Letters</i> , 2012, 321-322, 64-73.	4.4	27
69	Domainâ€“level identification and quantification of relative prokaryotic cell abundance in microbial communities by Microâ€“FTIR spectroscopy. <i>Environmental Microbiology Reports</i> , 2012, 4, 42-49.	2.4	21
70	Biogeochemistry of nitrous oxide in Lake Kizaki, Japan, elucidated by nitrous oxide isotopomer analysis. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	25
71	Micro-FTIR Spectroscopic Imaging of ~1,900 Ma Stromatolitic Chert. <i>Cellular Origin and Life in Extreme Habitats</i> , 2011, , 445-461.	0.3	4
72	Ultraviolet absorption cross sections of carbonyl sulfide isotopologues OC<sup>32</sup>S, OC<sup>33</sup>S, OC<sup>34</sup>S and O<sup>13</sup>CS: isotopic fractionation in photolysis and atmospheric implications. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 10293-10303.	4.9	45

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73	Hydrothermal fluid geochemistry at the Iheya North field in the mid-Okinawa Trough: Implication for origin of methane in seafloor fluid circulation systems. <i>Geochemical Journal</i> , 2011, 45, 109-124.	1.0	122
74	When Did Life Begin? It is Older than 3.8 Ga. <i>Journal of Geography (Chigaku Zasshi)</i> , 2011, 120, 877-885.	0.3	1
75	Grain-scale iron isotopic distribution of pyrite from Precambrian shallow marine carbonate revealed by a femtosecond laser ablation multicollector ICP-MS technique: Possible proxy for the redox state of ancient seawater. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2760-2778.	3.9	59
76	Geological sulfur isotopes indicate elevated OCS in the Archean atmosphere, solving faint young sun paradox. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14784-14789.	7.1	136
77	Micro-FTIR spectroscopic signatures of Bacterial lipids in Proterozoic microfossils. <i>Precambrian Research</i> , 2009, 173, 19-26.	2.7	97
78	Variability in the microbial communities and hydrothermal fluid chemistry at the newly discovered Mariner hydrothermal field, southern Lau Basin. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	91
79	Determination of $^{88}\text{Sr}/^{86}\text{Sr}$ mass-dependent isotopic fractionation and radiogenic isotope variation of $^{87}\text{Sr}/^{86}\text{Sr}$ in the Neoproterozoic Doushantuo Formation. <i>Gondwana Research</i> , 2008, 14, 126-133.	6.0	71
80	Carbon isotope chemostratigraphy of a Precambrian/Cambrian boundary section in the Three Gorge area, South China: Prominent global-scale isotope excursions just before the Cambrian Explosion. <i>Gondwana Research</i> , 2008, 14, 193-208.	6.0	147
81	High-precision spectroscopy of ^{32}S , ^{33}S , and ^{34}S sulfur dioxide: Ultraviolet absorption cross sections and isotope effects. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	101
82	Quadruple sulfur isotope analysis of ca. 3.5 Ga Dresser Formation: New evidence for microbial sulfate reduction in the early Archean. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5675-5691.	3.9	209
83	Geology and zircon geochronology of the Acasta Gneiss Complex, northwestern Canada: New constraints on its tectonothermal history. <i>Precambrian Research</i> , 2007, 153, 179-208.	2.7	121
84	Speciation and isotope ratios of nitrogen in fluid inclusions from seafloor hydrothermal deposits at ~ 3.5 Ga. <i>Earth and Planetary Science Letters</i> , 2007, 254, 332-344.	4.4	49
85	Coccolith-Like Microstructures in a 3.0 Ga Chert from Western Australia. <i>International Geology Review</i> , 2006, 48, 78-88.	2.1	31
86	In situ Infrared Microspectroscopy of ~ 3.5 Billion-Year-Old Prokaryotic Fossils. <i>Applied Spectroscopy</i> , 2006, 60, 1111-1120.	2.2	32
87	Evidence from fluid inclusions for microbial methanogenesis in the early Archean era. <i>Nature</i> , 2006, 440, 516-519.	27.8	459
88	Biosignatures and abiotic constraints on early life (Reply). <i>Nature</i> , 2006, 444, E18-E19.	27.8	7
89	Rare-Earth Element, Lead, Carbon, and Nitrogen Geochemistry of Apatite-Bearing Metasediments from the ~ 3.8 Ga Isua Supracrustal Belt, West Greenland. <i>International Geology Review</i> , 2005, 47, 952-970.	2.1	27
90	Facies architecture and sequence-stratigraphic features of the Tumbiana Formation in the Pilbara Craton, northwestern Australia: Implications for depositional environments of oxygenic stromatolites during the Late Archean. <i>Precambrian Research</i> , 2005, 138, 255-273.	2.7	68

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91	Carbon isotopes and petrography of kerogens in \sim 4.5-Ga hydrothermal silica dikes in the North Pole area, Western Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 573-589.	3.9	153
92	Ion microprobe U-Pb dating and REE analysis of apatite from kerogen-rich silica dike from North Pole area, Pilbara Craton, Western Australia. <i>Geochemical Journal</i> , 2004, 38, 243-254.	1.0	12
93	Ion microprobe analysis of graphite from ca. 3.8 Ga metasediments, Isua supracrustal belt, West Greenland: Relationship between metamorphism and carbon isotopic composition. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1257-1268.	3.9	90
94	Carbon Isotopic Signatures of Individual Archean Microfossils(?) from Western Australia. <i>International Geology Review</i> , 2001, 43, 196-212.	2.1	182