

Mitsuru Ebihara

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39
papers

2,582
citations

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39
ext. papers

2,747
ext. citations

7.3
avg, IF

4.38
L-index

#	Paper	IF	Citations
39	Solar-system abundances of the elements. <i>Geochimica Et Cosmochimica Acta</i> , 1982 , 46, 2363-2380	5.5	931
38	Three-dimensional structure of Hayabusa samples: origin and evolution of Itokawa regolith. <i>Science</i> , 2011 , 333, 1125-8	33.3	201
37	Oxygen isotopic compositions of asteroidal materials returned from Itokawa by the Hayabusa mission. <i>Science</i> , 2011 , 333, 1116-9	33.3	128
36	Core formation in the Earth and Shergottite Parent Body (SPB): Chemical evidence from basalts. <i>Geochimica Et Cosmochimica Acta</i> , 1986 , 50, 1071-1091	5.5	125
35	A new metal-rich chondrite grouplet. <i>Meteoritics and Planetary Science</i> , 2001 , 36, 401-418	2.8	122
34	A new source of basaltic meteorites inferred from Northwest Africa 011. <i>Science</i> , 2002 , 296, 334-6	33.3	113
33	Irradiation history of Itokawa regolith material deduced from noble gases in the Hayabusa samples. <i>Science</i> , 2011 , 333, 1128-31	33.3	104
32	Aubrites and diogenites: Trace element clues to their origin. <i>Geochimica Et Cosmochimica Acta</i> , 1983 , 47, 2257-2270	5.5	78
31	Compositional continuity of enstatite chondrites and implications for heterogeneous accretion of the enstatite chondrite parent body. <i>Geochimica Et Cosmochimica Acta</i> , 1997 , 61, 4895-4914	5.5	71
30	The origin and nebular history of the metal phase of ordinary chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 1997 , 61, 2317-2329	5.5	65
29	Nd isotopic composition in the central North Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 4705-4719	5.5	64
28	Are C1 chondrites chemically fractionated? a trace element study. <i>Geochimica Et Cosmochimica Acta</i> , 1982 , 46, 1849-1861	5.5	59
27	A possible causal relationship between extinction of dinosaurs and K/T iridium enrichment in the Nanxiong Basin, South China: evidence from dinosaur eggshells. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002 , 178, 1-17	2.9	48
26	Precise determination of rare earth elements, thorium and uranium in chondritic meteorites by inductively coupled plasma mass spectrometry & comparative study with radiochemical neutron activation analysis. <i>Analytica Chimica Acta</i> , 1997 , 338, 237-246	6.6	44
25	Metal phases of L chondrites: Their formation and evolution in the nebula and in the parent body. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 2667-2680	5.5	40
24	High fluences of neutrons determined from Sm and Gd isotopic compositions in aubrites. <i>Earth and Planetary Science Letters</i> , 1999 , 173, 41-51	5.3	39
23	Distribution of siderophile elements in CR chondrites: evidence for evaporation and recondensation during chondrule formation. <i>Geochimica Et Cosmochimica Acta</i> , 1999 , 63, 2637-2652	5.5	38

22	Detailed abundances of rare earth elements, thorium and uranium in chondritic meteorites: An ICP-MS study. <i>Meteoritics</i> , 1995 , 30, 694-699		38
21	Ureilites: Trace element clues to their origin. <i>Geochimica Et Cosmochimica Acta</i> , 1987 , 51, 2275-2283	5.5	31
20	Chemical characteristics of the Cretaceous-Tertiary boundary layer at Gubbio, Italy. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 5133-5144	5.5	30
19	Chemical characteristic of R chondrites in the light of P, REEs, Th and U abundances. <i>Earth and Planetary Science Letters</i> , 2015 , 422, 18-27	5.3	28
18	Precise determination of PGE in a GSJ reference sample JP-1 by ID-ICPMS after nickel sulfide fire assay preconcentration. <i>Geochemical Journal</i> , 2003 , 37, 531-536	0.9	25
17	Chemical characteristics of metal phases of the Richardton H5 chondrite. <i>Earth and Planetary Science Letters</i> , 1995 , 136, 407-419	5.3	22
16	Determination of 18 siderophile elements including all platinum group elements in chondritic metals and iron meteorites by instrumental neutron activation. <i>Analytical Chemistry</i> , 1996 , 68, 4130-4	7.8	21
15	Glass veins in the unequilibrated eucrite Yamato 82202. <i>Geochimica Et Cosmochimica Acta</i> , 2005 , 69, 1883-1898	5.14	14
14	Sedimentary PGE signatures in the Late Triassic ejecta deposits from Japan: Implications for the identification of impactor. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 442, 36-47	2.9	13
13	An anomalous eucrite, Dhofar 007, and a possible genetic relationship with mesosiderites. <i>Meteoritics and Planetary Science</i> , 2006 , 41, 863-874	2.8	12
12	Trace element composition of Tertiary volcanic rocks of northeast Japan.. <i>Geochemical Journal</i> , 1984 , 18, 287-295	0.9	12
11	Mineralogy and noble gas isotopes of micrometeorites collected from Antarctic snow. <i>Earth, Planets and Space</i> , 2015 , 67,	2.9	9
10	RARE EARTH ELEMENTS IN Ca-PHOSPHATES OF ALLENDE CARBONACEOUS CHONDRITE. <i>Meteoritics</i> , 1987 , 22, 179-190		9
9	Distribution of W and Mo in ordinary chondrites and implications for nebular and parent body thermal processes. <i>Earth and Planetary Science Letters</i> , 1996 , 137, 83-93	5.3	8
8	Separation of rare earth elements and scandium by cation exchange with particular reference to radiochemical neutron activation analysis of geochemical samples.. <i>Analytical Sciences</i> , 1985 , 1, 241-246	1.7	8
7	Vertical distribution of scandium in the north central Pacific. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	7
6	Re, Os and Ir in Antarctic unequilibrated ordinary chondrites and implications for the solar system abundance of Re. <i>Geophysical Research Letters</i> , 1995 , 22, 2167-2170	4.9	7
5	Determination of trace rare earth elements in rock samples including meteorites by ICP-MS coupled with isotope dilution and comparison methods. <i>Analytica Chimica Acta</i> , 2020 , 1101, 81-89	6.6	7

- 4 Application of neutron activation analysis to micro gram scale of solid samples. *Journal of Radioanalytical and Nuclear Chemistry*, **2016**, 307, 1757-1764 1.5 4
- 3 Investigation of cutting methods for small samples of Hayabusa and future sample return missions. *Meteoritics and Planetary Science*, **2014**, 49, 1186-1201 2.8 3
- 2 Petrology and geochemistry of a silicate clast from the Mount Padbury mesosiderite: Implications for metal-silicate mixing events of mesosiderite. *Meteoritics and Planetary Science*, **2006**, 41, 1919-1928 2.8 3
- 1 Siderophile element characteristics of acapulcoite/branites and winonaites: Implications for the early differentiation processes of their parent bodies. *Meteoritics and Planetary Science*, **2019**, 54, 1153-1166 2.8 1