Mitsuru Ebihara

List of Publications by Year in Descending Order

39 papers	2,582 citations	22 h-index	39 g-index
39 ext. papers	2,747 ext. citations	7.3 avg, IF	4.38 L-index

#	Paper	IF	Citations
39	Determination of trace rare earth elements in rock samples including meteorites by ICP-MS coupled with isotope dilution and comparison methods. *Analytica Chimica Acta*, **2020**, 1101, 81-89	6.6	7
38	Siderophile element characteristics of acapulcoites, lodranites and winonaites: Implications for the early differentiation processes of their parent bodies. *Meteoritics and Planetary Science*, **2019**, 54, 1153-1166	2.8	1
37	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
36	Sedimentary PGE signatures in the Late Triassic ejecta deposits from Japan: Implications for the identification of impactor. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 442, 36-47	2.9	13
35	Chemical characteristic of R chondrites in the light of P, REEs, Th and U abundances. *Earth and Planetary Science Letters*, **2015**, 422, 18-27	5.3	28
34	Mineralogy and noble gas isotopes of micrometeorites collected from Antarctic snow. *Earth, Planets and Space*, **2015**, 67,	2.9	9
33	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
32	Oxygen isotopic compositions of asteroidal materials returned from Itokawa by the Hayabusa mission. *Science*, **2011**, 333, 1116-9	33.3	128
31	Three-dimensional structure of Hayabusa samples: origin and evolution of Itokawa regolith. *Science* , **2011**, 333, 1125-8	33.3	201
30	Irradiation history of Itokawa regolith material deduced from noble gases in the Hayabusa samples. *Science*, **2011**, 333, 1128-31	33.3	104
29	Nd isotopic composition in the central North Pacific. *Geochimica Et Cosmochimica Acta*, **2009**, 73, 4705-4719	5.9	64
28	Vertical distribution of scandium in the north central Pacific. *Geophysical Research Letters*, **2007**, 34,	4.9	7
27	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
26	An anomalous eucrite, Dhofar 007, and a possible genetic relationship with mesosiderites. *Meteoritics and Planetary Science*, **2006**, 41, 863-874	2.8	12
25	Glass veins in the unequilibrated eucrite Yamato 82202. *Geochimica Et Cosmochimica Acta*, **2005**, 69, 1883-1898	5.9	14
24	Precise determination of PGE in a GSJ reference sample JP-1 by ID-ICPMS after nickel sulfide fire assay preconcentration. *Geochemical Journal*, **2003**, 37, 531-536	0.9	25
23	A new source of basaltic meteorites inferred from Northwest Africa 011. *Science*, **2002**, 296, 334-6	33.3	113

22	A possible causal relationship between extinction of dinosaurs and K/T iridium enrichment in the Nanxiong Basin, South China: evidence from dinosaur eggshells. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2002**, 178, 1-17	2.9	48
21	A new metal-rich chondrite grouplet. *Meteoritics and Planetary Science*, **2001**, 36, 401-418	2.8	122
20	High fluences of neutrons determined from Sm and Gd isotopic compositions in aubrites. *Earth and Planetary Science Letters*, **1999**, 173, 41-51	5.3	39
19	Distribution of siderophile elements in CR chondrites: evidence for evaporation and recondensation during chondrule formation. *Geochimica Et Cosmochimica Acta*, **1999**, 63, 2637-2652	5.5	38
18	The origin and nebular history of the metal phase of ordinary chondrites. *Geochimica Et Cosmochimica Acta*, **1997**, 61, 2317-2329	5.5	65
17	Compositional continuity of enstatite chondrites and implications for heterogeneous accretion of the enstatite chondrite parent body. *Geochimica Et Cosmochimica Acta*, **1997**, 61, 4895-4914	5.5	71
16	Precise determination of rare earth elements, thorium and uranium in chondritic meteorites by inductively coupled plasma mass spectrometry a comparative study with radiochemical neutron activation analysis. *Analytica Chimica Acta*, **1997**, 338, 237-246	6.6	44
15	Distribution of W and Mo in ordinary chondrites and implications for nebular and parent body thermal processes. *Earth and Planetary Science Letters*, **1996**, 137, 83-93	5.3	8
14	Metal phases of L chondrites: Their formation and evolution in the nebula and in the parent body. *Geochimica Et Cosmochimica Acta*, **1996**, 60, 2667-2680	5.5	40
13	Chemical characteristics of the Cretaceous-Tertiary boundary layer at Gubbio, Italy. *Geochimica Et Cosmochimica Acta*, **1996**, 60, 5133-5144	5.5	30
12	Determination of 18 siderophile elements including all platinum group elements in chondritic metals and iron meteorites by instrumental neutron activation. *Analytical Chemistry*, **1996**, 68, 4130-4	7.8	21
11	Chemical characteristics of metal phases of the Richardton H5 chondrite. *Earth and Planetary Science Letters*, **1995**, 136, 407-419	5.3	22
10	Re, Os and Ir in Antarctic unequilibrated ordinary chondrites and implications for the solar system abundance of Re. *Geophysical Research Letters*, **1995**, 22, 2167-2170	4.9	7
9	Detailed abundances of rare earth elements, thorium and uranium in chondritic meteorites: An ICP-MS study. *Meteoritics*, **1995**, 30, 694-699		38
8	RARE EARTH ELEMENTS IN Ca-PHOSPHATES OF ALLENDE CARBONACEOUS CHONDRITE. *Meteoritics*, **1987**, 22, 179-190		9
7	Ureilites: Trace element clues to their origin. *Geochimica Et Cosmochimica Acta*, **1987**, 51, 2275-2283	5.5	31
6	Core formation in the Earth and Shergottite Parent Body (SPB): Chemical evidence from basalts. *Geochimica Et Cosmochimica Acta*, **1986**, 50, 1071-1091	5.5	125
5	Separation of rare earth elements and scandium by cation exchange with particular reference to radiochemical neutron activation analysis of geochemical samples.. *Analytical Sciences*, **1985**, 1, 241-246	1.7	8

4	Trace element composition of Tertiary volcanic rocks of northeast Japan.. *Geochemical Journal*, **1984**, 18, 287-295	0.9	12
3	Aubrites and diogenites: Trace element clues to their origin. *Geochimica Et Cosmochimica Acta*, **1983**, 47, 2257-2270	5.5	78
2	Are C1 chondrites chemically fractionated? a trace element study. *Geochimica Et Cosmochimica Acta* , **1982**, 46, 1849-1861	5.5	59
1	Solar-system abundances of the elements. *Geochimica Et Cosmochimica Acta*, **1982**, 46, 2363-2380	5.5	931