Koshi Yamamoto

List of Publications by Year
in descending order

107	2,648	218677	206112
papers	citations	26 h-index	48 g-index

108	108	108	2163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrothermal formation of Fe-oxide bands in zebra rocks from northern Western Australia. Chemical Geology, 2022, 590, 120699.	3.3	9
2	Magmatism and tectonic setting of proto-Japan during the Early Carboniferous: Constraints from the geochemical characteristics of mafic volcanic rocks in the Hida Gaien Belt, SW Japan. Journal of Asian Earth Sciences, 2022, 236, 105312.	2.3	1
3	Multiâ€approach characterization of shallowâ€water carbonates off Minamitorishima and their depositional settings/history. Island Arc, 2021, 30, e12400.	1.1	6
4	Petrology of green polished stone axes of the Jomon period from the <scp>Sannaiâ€Maruyama</scp> site, Japan, investigating the origin of source rock. Island Arc, 2021, 30, e12384.	1.1	0
5	The influence of hypoxia on the distribution of dissolved bioactive trace metals in Mikawa Bay, central Japan. Geochemical Journal, 2021, 55, 159-170.	1.0	0
6	Diffusion controlled formation of spherical carbonate concretion in muddy sedimentary matrices. Geochemical Journal, 2020, 54, 233-242.	1.0	9
7	Frontiers in Geochemistry: Tribute to Professor Ryuichi Sugisaki. Geochemical Journal, 2020, 54, 147-158.	1.0	0
8	Investigation of rare earth elements (REEs) as exploration potential in Intrusive bodies in the northern Sanandaj-Sirjan zone (Kurdistan area), western Iran. Geochemical Journal, 2020, 54, 221-232.	1.0	1
9	Inorganic and organic chemical characteristics and sources of suspended particulate matters in Ulaanbaatar, Mongolia. Geochemical Journal, 2020, 54, 267-276.	1.0	0
10	Provenance of trench-fill deposits of the Jurassic Chichibu accretionary complex, Southwest Japan. Journal of Asian Earth Sciences, 2019, 184, 103970.	2.3	12
11	The effects of meteoric diagenesis on the geochemical composition and microstructure of Pliocene fossil Terebratalia coreanica and Laqueus rubellus brachiopod shells from northeastern Japan. Progress in Earth and Planetary Science, 2019, 6, .	3.0	5
12	Litho-, bio-, and chemostratigraphy of the Middle Triassic carbonate succession in the North-Central Coast Region of Vietnam. Progress in Earth and Planetary Science, 2019, 6, .	3.0	2
13	Lithological, structural, and chronological relationships between the Sanbagawa Metamorphic Complex and the Cretaceous Shimanto Accretionary Complex on the central Kii Peninsula, SW Japan. Island Arc, 2019, 28, e12325.	1.1	12
14	87Sr/86Sr age determination by rapidly formed spherical carbonate concretions. Scientific Reports, 2019, 9, 1003.	3.3	13
15	Timescale of material circulation in subduction zone: Uâ€“Pb zircon and Kâ€“Ar phengite doubleâ€dating of the Sanbagawa metamorphic complex in the Ikeda district, central Shikoku, southwest Japan. Island Arc, 2019, 28, e12306.	1.1	21
16	Biogenically induced bedded chert formation in the alkaline palaeo-lake of the Green River Formation. Scientific Reports, 2019, 9, 16448.	3.3	12
17	Geological structure and detrital zircon U-Pb age around the boundary between the Jurassic Chichibu and Cretaceous Shimanto accretionary complexes in the central Kii Peninsula, SW Japan. Journal of the Geological Society of Japan, 2019, 125, 349-365.	0.6	3
18	Detrital zircon U-Pb ages from the Cretaceous accretionary complexes in the Takaharagawa area, central Kii Peninsula. Journal of the Geological Society of Japan, 2019, 125, 329-347.	0.6	8

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19	U-Pb zircon ages of granitic rocks from Kagasawa, Hida Mountains. Journal of the Geological Society of Japan, 2019, 125, 453-459.	0.6	6
20	Behavior of major and trace elements during weathering rind formation in buried terrace basalt cobble. Geochemical Journal, 2019, 53, 219-222.	1.0	0
21	Zircon U-Pb ages of the Futomiyama Group in Toyama Prefecture, central Japan. Journal of the Geological Society of Japan, 2019, 125, 781-792.	0.6	2
22	Depositional ages and characteristics of <scp>M</scp>iddleâ€“<scp>U</scp>pper <scp>J</scp>urassic and <scp>L</scp>ower <scp>C</scp>retaceous lacustrine deposits in southeastern <scp>M</scp>ongolia. Island Arc, 2018, 27, e12243.	1.1	20
23	Petrogenesis and geochronology of Mishao peraluminous I-type granites, Shalair valley area, NE Iraq. Chemie Der Erde, 2018, 78, 215-227.	2.0	8
24	Zircon Uâ€“Pb geochronology and geochemistry of the Cerro Colorado porphyry copper deposit, northern Chile. Ore Geology Reviews, 2018, 93, 114-140.	2.7	2
25	Generalized conditions of spherical carbonate concretion formation around decaying organic matter in early diagenesis. Scientific Reports, 2018, 8, 6308.	3.3	37
26	A- and I-type metagranites from the North Shahrekord Metamorphic Complex, Iran: Evidence for Early Paleozoic post-collisional magmatism. Lithos, 2018, 300-301, 86-104.	1.4	34
27	Zircon U-Pb dating, geochemistry and evolution of the Late Eocene Saveh magmatic complex, central Iran: Partial melts of sub-continental lithospheric mantle and magmatic differentiation. Lithos, 2018, 314-315, 274-292.	1.4	34
28	Late Cretaceous uplift history of the Cretaceous volcanic arc in Southwest Japan: Provenance analysis of the Yuasaâ€“Aridagawa basin based on Uâ€“Pb zircon ages. Island Arc, 2018, 27, e12253.	1.1	9
29	Permian adakitic magmatism in the Khanui Group, Northern Mongolia â€“ Late Paleozoic slab-melting of subducted oceanic plate beneath the â€œSiberian continentâ€. Journal of Geodynamics, 2018, 121, 49-63.	1.6	5
30	Geochemical, petrographical, and petrophysical evaluations of a heterogeneous, stratiform dolomite from a Barremian oil field, offshore Abu Dhabi (United Arab Emirates). AAPG Bulletin, 2018, 102, 129-152.	1.5	8
31	Constraining the depositional age of an Upper Cretaceous non-marine and shallow marine siliciclastic succession, Kuji Group, northeastern Japan, based on carbon isotope stratigraphy and Uâ^'Pb radiometric dating. Cretaceous Research, 2018, 92, 264-278.	1.4	7
32	Early Paleozoic subduction initiation volcanism of the Iwatsubodani Formation, Hida Gaien belt, Southwest Japan. International Journal of Earth Sciences, 2017, 106, 1429-1451.	1.8	5
33	Zircon Uâ€“Pb ages and Srâ€“Nd isotope ratios for the Sirstan granitoid body, NE Iraq: Evidence of magmatic activity in the Middle Cretaceous Period. Comptes Rendus - Geoscience, 2017, 349, 53-62.	1.2	4
34	Geochemistry and petrogenesis of the Eocene back arc mafic rocks in the Zagros suture zone, northern Noorabad, western Iran. Chemie Der Erde, 2017, 77, 517-533.	2.0	13
35	A low-angle brittle shear zone in the western SÃ¸r Rondane Mountains, Dronning Maud Land, East Antarctica â€” Implication for assembly of Gondwanaland. Journal of Geodynamics, 2017, 111, 15-30.	1.6	7
36	Paleoceanographic conditions at approximately 20 and 70 ka recorded in Kikaithyris hanzawai (Brachiopoda) shells. Geochimica Et Cosmochimica Acta, 2017, 215, 189-213.	3.9	3

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37	Depositional age of the Lower Jurassic Kuruma Group based on zircon U-Pb age. Journal of the Geological Society of Japan, 2017, 123, 335-350.	0.6	11
38	Geology and detrital zircon U-Pb age of the Cretaceous Mugitani Formation in the Shimanto Belt, central Kii Peninsula, Southwest Japan. Journal of the Geological Society of Japan, 2017, 123, 925-937.	0.6	9
39	Formation of gigantic spherical carbonate concretion in early diagenesis. Journal of the Geological Society of Japan, 2017, 123, 939-952.	0.6	4
40	Zircon Uâ€“Pb ages and geochemistry of Devonian A-type granites in the Iraqi Zagros Suture Zone (Damamna area): New evidence for magmatic activity related to the Hercynian orogeny. Lithos, 2016, 264, 360-374.	1.4	27
41	Age and petrogenesis of Na-rich felsic rocks in western Iran: Evidence for closure of the southern branch of the Neo-Tethys in the Late Cretaceous. Tectonophysics, 2016, 671, 151-172.	2.2	30
42	Early post-mortem formation of carbonate concretions around tusk-shells over week-month timescales. Scientific Reports, 2015, 5, 14123.	3.3	53
43	Uâ€“Pb zircon ages and geochemistry of Kangareh and Taghiabad mafic bodies in northern Sanandajâ€“Sirjan Zone, Iran: Evidence for intra-oceanic arc and back-arc tectonic regime in Late Jurassic. Tectonophysics, 2015, 660, 47-64.	2.2	45
44	Ferric oxyhydroxide in underground geological environments and high-level radioactive waste disposal: Analysis of influence on nuclide migration scenarios. Journal of the Geological Society of Japan, 2014, 120, 327-343.	0.6	4
45	Tritium in Japanese precipitation following the March 2011 Fukushima Daiichi Nuclear Plant accident. Science of the Total Environment, 2013, 445-446, 365-370.	8.0	66
46	<scp>U</scp>â€“<scp>Pb</scp> zircon age from the radiolarianâ€bearing <scp>H</scp>itoegane <scp>F</scp>ormation in the <scp>H</scp>ida <scp>G</scp>aien <scp>B</scp>elt, <scp>J</scp>apan. Island Arc, 2013, 22, 494-507.	1.1	10
47	Redox front penetration in the fractured Toki Granite, central Japan: An analogue for redox reactions and redox buffering in fractured crystalline host rocks for repositories of long-lived radioactive waste. Applied Geochemistry, 2013, 35, 75-87.	3.0	22
48	Geological setting of basaltic rocks in an accretionary complex, <scp>K</scp>hangaiâ€“<scp>K</scp>hentei <scp>B</scp>elt, <scp>M</scp>ongolia. Island Arc, 2013, 22, 227-241.	1.1	12
49	An interâ€laboratory evaluation of <scp>OD</scp>â€3 zircon for use as a secondary <scp><scp>Uâ€“Pb</scp></scp> dating standard. Island Arc, 2013, 22, 382-394.	1.1	196
50	Centennial- to millennial-scale climate shifts in continental interior Asia repeated between warmâ€“dry and coolâ€“wet conditions during the last three interglacial states: evidence from uranium and biogenic silica in the sediment of Lake Baikal, southeast Siberia. Quaternary Science Reviews, 2012, 52, 49-59.	3.0	13
51	Provenance of terrigenous detritus of the surface sediments in the Bering and Chukchi Seas as derived from Sr and Nd isotopes: Implications for recent climate change in the Arctic regions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2012, 61-64, 155-171.	1.4	52
52	Dissolution processes of elements from subducting sediments into fluids: Evidence from the chemical composition of the Sanbagawa pelitic schists. Geochemical Journal, 2011, 45, 221-234.	1.0	5
53	A 27-kyr record of environmental change in central Asia inferred from the sediment record of Lake Hovsgol, northwest Mongolia. Journal of Paleolimnology, 2010, 43, 369-383.	1.6	28
54	Intermediate water formation in the Bering Sea during glacial periods: Evidence from neodymium isotope ratios. Geology, 2010, 38, 435-438.	4.4	68

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55	A systematic rare-earth elements and yttrium study of Archean cherts at the Mount Goldsworthy greenstone belt in the Pilbara Craton: Implications for the origin of microfossil-bearing black cherts. Precambrian Research, 2010, 177, 73-87.	2.7	47
56	The development of Fe-nodules surrounding biological material mediated by microorganisms. Environmental Geology, 2008, 55, 1363-1374.	1.2	15
57	Geochemistry of apatite-rich layers in the Finero phlogopiteâ€“peridotite massif (Italian Western Alps) and ion microprobe dating of apatite. Chemical Geology, 2008, 251, 99-111.	3.3	41
58	Argon isotope ratio of the plume-source deduced from high-resolution stepwise crushing extraction. Geochemical Journal, 2008, 42, 39-49.	1.0	6
59	Alteration of Subsurface Granitic Rock in Okayama Area, Japan. Journal of the Japan Society of Engineering Geology, 2008, 49, 256-265.	0.2	11
60	Rare earth element geochemistry of Lake Baikal sediment: its implication for geochemical response to climate change during the Last Glacial/Interglacial transition. Quaternary Science Reviews, 2007, 26, 1362-1368.	3.0	94
61	Geochemical mapping in Aichi prefecture, Japan: Its significance as a useful dataset for geological mapping. Applied Geochemistry, 2007, 22, 306-319.	3.0	12
62	Origin and deposition of organic matter in continental chert of the Middle Permian Gufeng Formation in the northeastern Yangtze platform. Sedimentary Geology, 2007, 201, 141-148.	2.1	11
63	Variation in metal concentrations in the brown alga Undaria pinnatifida in Osaka Bay, Japan. Phycological Research, 2007, 55, 222-230.	1.6	9
64	Jadeite-quartz-K-feldspar rocks in the Kamuikotan zone, Japan. Journal of Mineralogical and Petrological Sciences, 2007, 102, 50-56.	0.9	6
65	Application of Sr isotopes to geochemical mapping and provenance analysis: The case of Aichi Prefecture, central Japan. Applied Geochemistry, 2006, 21, 419-436.	3.0	25
66	An analogue of matrix diffusion enhanced by biogenic redox reaction in fractured sedimentary rock. Journal of Geochemical Exploration, 2006, 90, 134-142.	3.2	15
67	Geochemistry and sedimentary petrology of Archean clastic sedimentary rocks at Mt. Goldsworthy, Pilbara Craton, Western Australia: Evidence for the early evolution of continental crust and hydrothermal alteration. Precambrian Research, 2006, 147, 124-147.	2.7	66
68	Biogeochemical signatures preserved in ancient siliceous sediments; new perspectives to Triassic radiolarian bedded chert compositions. Geochemical Journal, 2006, 40, 33-45.	1.0	14
69	Crystal structure control of the dissolution of rare earth elements in water-mineral interactions. Geochemical Journal, 2006, 40, 437-446.	1.0	25
70	Geochemistry of heavily altered Archean volcanic and volcaniclastic rocks of the Warrawoona Group, at Mt. Goldsworthy in the Pilbara Craton, Western Australia: Implications for alteration and origin. Geochemical Journal, 2006, 40, 523-535.	1.0	14
71	Geochemistry of the Neoproterozoic metabasic rocks from the Negele area, southern Ethiopia: Tectonomagmatic implications. Journal of African Earth Sciences, 2006, 44, 255-269.	2.0	10
72	A survey of organic solvent extractable metal concentrations in the bottom sediments in Osaka Bay, Japan. Marine Pollution Bulletin, 2006, 52, 231-238.	5.0	2

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73	Evidence from the Rb-Sr system for 4.4 Ga alteration of chondrules in the Allende (CV3) parent body. Meteoritics and Planetary Science, 2005, 40, 1059-1072.	1.6	9
74	Precise determination of REE for sedimentary reference rocks issued by the Geological Survey of Japan. Geochemical Journal, 2005, 39, 289-297.	1.0	26
75	Significance of Serpentinites and Related Rocks in the High-Pressure Metamorphic Terranes, Circum-Pacific Regions. International Geology Review, 2004, 46, 426-444.	2.1	29
76	Geochemistry of Precambrian carbonate intercalated in pillows and its host basalt: implications for the REE composition of circa 3.4Ga seawater. Precambrian Research, 2004, 135, 331-344.	2.7	25
77	Gully erosion in Western Kenya. Journal of the Geological Society of Japan, 2004, 110, III-IV.	0.6	5
78	Latitudinal change of normal paraffin composition in the northwest Pacific sediments. Marine Geology, 2003, 196, 157-170.	2.1	7
79	3He/4He ratios in well gases in the Kinki district, SW Japan: surface appearance of slab-derived fluids in a non-volcanic area in Kii Peninsula. Earth and Planetary Science Letters, 2003, 216, 221-230.	4.4	61
80	Geochemical Fractionation between Porcellanite and Host Sediment. Journal of Geology, 2003, 111, 301-312.	1.4	16
81	Redox front development and related secondary elemental migration-An analogue of long-term chemical contaminant fixation in geological environment-. Journal of the Geological Society of Japan, 2003, 109, 548-558.	0.6	6
82	An Environmental Assessment of Coastal Sediments in Osaka Bay, Japan, by Organometal Analyses. Journal of Environmental Chemistry, 2003, 13, 983-992.	0.2	0
83	Geochemistry of Archean carbonaceous cherts deposited at immature island-arc setting in the Pilbara Block, Western Australia. Sedimentary Geology, 2002, 151, 45-66.	2.1	24
84	Depositional environment of the Cretaceous Shimanto bedded cherts from the Fukura area, Kochi Prefecture, inferred from major element, rare earth element and normal paraffin compositions.. Journal of the Geological Society of Japan, 2000, 106, 632-645.	0.6	3
85	Depositional environment of sedimentary rocks inferred from normal fatty acid compositions. Sedimentary Geology, 1999, 125, 61-68.	2.1	3
86	Preseismic hydrogen gas anomalies caused by stress-corrosion process preceding earthquakes. Geophysical Research Letters, 1999, 26, 2009-2012.	4.0	33
87	Geochemical map of the Ryoke granitic area in the northeastern part of Toyota City, Aichi Prefecture.. Journal of the Geological Society of Japan, 1998, 104, 688-704.	0.6	8
88	Normal paraffins in shales as an indicator of depositional environment. Geochimica Et Cosmochimica Acta, 1997, 61, 4403-4410.	3.9	7
89	Preparation of standard composites for the trace element analysis by X-ray fluorescence.. Journal of the Geological Society of Japan, 1997, 103, 1037-1045.	0.6	35
90	Determination of Li Abundances in Chondrules, Bulk Chondrites, and Standard Rocks by Direct-Loading Isotope Dilution Mass Spectrometry.. Journal of the Mass Spectrometry Society of Japan, 1996, 44, 13-20.	0.1	1

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91	Origin of blueschist-facies clasts in the Mariana forearc, Western Pacific.. Geochemical Journal, 1995, 29, 259-275.	1.0	6
92	Rare earth element abundances in stony spherules from deep-sea sediments.. Geochemical Journal, 1992, 26, 197-206.	1.0	2
93	Intra-grain distribution of REE and crystallization sequence of accessory minerals in the Cretaceous Busetsu Granite at Okazaki, central Japan.. Geochemical Journal, 1992, 26, 383-394.	1.0	15
94	REE characteristics of mafic rocks from a fore-arc seamount in the Izu-Ogasawara region, western Pacific.. Geochemical Journal, 1992, 26, 411-423.	1.0	9
95	A noritic clast from the Hedjaz chondritic breccia: implications for melting events in the early solar system.. Geochemical Journal, 1992, 26, 435-446.	1.0	7
96	Possible effects of grain-boundary REE on the REE distribution in felsic melts derived by partial melting.. Geochemical Journal, 1990, 24, 57-74.	1.0	35
97	Highly fractionated REE in the Hedjaz (L) chondrite: implications for nebular and planetary processes. Earth and Planetary Science Letters, 1990, 99, 290-302.	4.4	14
98	Investigation of the weathering effect on Rb-Sr systematics and trace element abundances in Antarctic and non-Antarctic meteorites: A case of H-chondrites.. Journal of the Mass Spectrometry Society of Japan, 1990, 38, 115-123.	0.1	3
99	Anomalous Ne enrichment in obsidians and Darwin glass: Diffusion of noble gases in silica-rich glasses. Geochimica Et Cosmochimica Acta, 1989, 53, 3025-3033.	3.9	55
100	Determination of picogram quantities of rare-earth elements in meteoritic materials by direct-loading thermal ionization mass spectrometry. Analytical Chemistry, 1989, 61, 755-762.	6.5	23
101	Geochemical characteristics and depositional environments of cherts and associated rocks in the Franciscan and Shimanto Terranes. Sedimentary Geology, 1987, 52, 65-108.	2.1	232
102	Chemical aspects of alteration of acidic tuffs and their application to siliceous deposits. Chemical Geology, 1986, 55, 61-76.	3.3	54
103	Hydrothermal chert and associated siliceous rocks from the northern Pacific their geological significance as indication od ocean ridge activity. Sedimentary Geology, 1986, 47, 125-148.	2.1	343
104	Geochemical study of acidic tuffs and siliceous shales from the Setogawa Terrane in the western part of Shizuoka City. Journal of the Geological Society of Japan, 1984, 90, 479-496_1.	0.6	6
105	å²é˜œçœŒä¸Šé»»ç”Ÿä»˜è¿‘ã®ä¸‰ç•³ç³»å±çŠ¶ã‚ã£ã‚¤ã‚ã®åœ°çƒåŒ–å¦çš„ç‰¹ç©. Journal of the Geological Society of Japan, 1983.	0.6	25
106	Triassic bedded cherts in central Japan are not pelagic. Nature, 1982, 298, 644-647.	27.8	114
107	Effectiveness for Determination of Depositional Age by Detrital Zircon Uâ€“Pb Age in the Cretaceous Shimanto Accretionary Complex of Japan. , 0, , .		11