

Masaki Enami

List of Publications by Year in descending order

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103
papers

2,976
citations

159585

30
h-index

175258

52
g-index

103
all docs

103
docs citations

103
times ranked

1370
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal structure in subducted units from continental Moho depths in a palaeo subduction zone, the Asemigawa region of the Sanbagawa metamorphic belt, SW Japan. <i>Journal of Metamorphic Geology</i> , 2021, 39, 727-749.	3.4	10
2	Fe-rich olivine from an andesite dike in Miocene Shitara volcanic rocks, central Japan: a revised relationship between Mg/Fe ratio and Raman spectrum in olivine. <i>Journal of Mineralogical and Petrological Sciences</i> , 2021, 116, 113-120.	0.9	1
3	Reconfirmation of jadeite in the Sanbagawa belt of the Shibukawa region, central Japan: Occurrence within a veinlet cutting dunite. <i>Journal of the Geological Society of Japan</i> , 2021, 127, 59-65.	0.6	0
4	Igneous and metamorphic rocks in Kasuga region, western Gifu Prefecture, Japan. <i>Journal of the Geological Society of Japan</i> , 2021, 127, 313-331.	0.6	0
5	Local CO ₂ variation and evolution of metamorphic fluid at the lithologic boundary recorded in Sanbagawa metamorphic rocks, Central Shikoku, Japan. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	1
6	Petrological and mineralogical contrasts of basic lithologies between eclogite and non-eclogite units along the Kokuryo River of the Sanbagawa belt, Central Shikoku, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2020, 115, 457-470.	0.9	1
7	Drastic effect of shearing on graphite microtexture: attention and application to Earth science. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	16
8	Crystal chemistry and Raman spectroscopy of momoiite from Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2019, 114, 161-169.	0.9	1
9	Common occurrence of calcic plagioclase in granitoids from Mt. Kaizuki area, central Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2019, 114, 201-213.	0.9	1
10	Discovery of unusual metamorphic temperatures in the Yuli belt, eastern Taiwan: New interpretation of data by Raman carbonaceous material geothermometry. <i>Geology</i> , 2019, 47, 522-526.	4.4	9
11	Coexisting different types of zoned garnet in kyanite-quartz eclogites from the Sanbagawa metamorphic belt: Evidence of deformation-induced lithological mixing during prograde metamorphism. <i>Island Arc</i> , 2019, 28, e12274.	1.1	3
12	Factors affecting preservation of coesite in ultrahigh-pressure metamorphic rocks: Insights from TEM observations of dislocations within kyanite. <i>Journal of Metamorphic Geology</i> , 2019, 37, 401-414.	3.4	11
13	Metamorphic record of the Asemigawa eclogite unit in the Sanbagawa belt, southwest Japan: Constraints from inclusions study in garnet porphyroblasts. <i>Journal of Metamorphic Geology</i> , 2019, 37, 181-201.	3.4	16
14	Significance of an amorphous SiO ₂ phase in a pseudomorph after coesite enclosed in garnet from ultrahigh-pressure eclogite, Su-Lu Belt, eastern China. <i>Journal of Metamorphic Geology</i> , 2018, 36, 843-854.	3.4	3
15	Electron-microprobe dating of monazite: The story. <i>Chemical Geology</i> , 2018, 484, 4-15.	3.3	15
16	Evolution of metamorphic fluid recorded in granulite facies metacarbonate rocks from the middle segment of the Mogok metamorphic belt in central Myanmar. <i>Journal of Metamorphic Geology</i> , 2018, 36, 905-931.	3.4	10
17	Geochemical interaction at lithologic boundary deduced from Tonaru epidote-amphibolite and surrounding schists of the Sanbagawa metamorphic belt. <i>Geochemical Journal</i> , 2018, 52, 509-529.	1.0	4
18	Late Cretaceous CHIME monazite ages of Sanbagawa metamorphic rocks from Nushima, Southwest Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2018, 113, 1-9.	0.9	5

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19	An integrated EPMA-EBSD study of metamorphic histories recorded in garnet. <i>American Mineralogist</i> , 2017, 102, 192-204.	1.9	9
20	A mechanism for Nb incorporation in rutile and application of Zr-in-rutile thermometry: A case study from granulite facies paragneisses of the Mogok metamorphic belt, Myanmar. <i>Mineralogical Magazine</i> , 2017, 81, 1503-1521.	1.4	10
21	Progress on petrology of high- and ultrahigh-pressure metamorphic rocks: 25 years. <i>Journal of the Geological Society of Japan</i> , 2017, 123, 661-675.	0.6	1
22	Granulite facies paragneisses from the middle segment of the Mogok metamorphic belt, central Myanmar. <i>Journal of Mineralogical and Petrological Sciences</i> , 2017, 112, 1-19.	0.9	13
23	Ti-rich biotite in spinel and quartz-bearing paragneiss and related rocks from the Mogok metamorphic belt, central Myanmar. <i>Journal of Mineralogical and Petrological Sciences</i> , 2016, 111, 270-282.	0.9	13
24	Prograde evolution of Sulu UHP metamorphic rock in Yangzhuang, Junan region, deduced by combined Raman and petrological studies. <i>Journal of Metamorphic Geology</i> , 2016, 34, 683-696.	3.4	9
25	Metamorphic conditions and CHIME monazite ages of Late Eocene to Late Oligocene high-temperature Mogok metamorphic rocks in central Myanmar. <i>Journal of Asian Earth Sciences</i> , 2016, 117, 304-316.	2.3	29
26	Testing for robustness on estimation of graphitization degree by Raman spectroscopy. <i>Journal of Mineralogical and Petrological Sciences</i> , 2014, 109, 279-285.	0.9	7
27	Coexistence of jadeite and quartz in garnet of the Sanbagawa metapelite from the Asemi-gawa region, central Shikoku, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2014, 109, 169-176.	0.9	20
28	Magmatic zoisite and epidote in tonalite of the Ryoke belt, central Japan. <i>European Journal of Mineralogy</i> , 2014, 26, 279-291.	1.3	6
29	Composite metamorphic history recorded in garnet porphyroblasts of Sanbagawa metasediments in the Besshi region, central Shikoku, Southwest Japan. <i>Island Arc</i> , 2014, 23, 263-280.	1.1	34
30	Evaluation of residual pressure in an inclusion-host system using negative frequency shift of quartz Raman spectra. <i>American Mineralogist</i> , 2014, 99, 433-442.	1.9	49
31	Compositional zoning and inclusions of garnet in Sanbagawa metapelites from the Asemi-gawa route, central Shikoku, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2014, 109, 1-12.	0.9	19
32	Retrograde strontium metasomatism in serpentinite mélange of the Kurosegawa Zone in central Kyushu, Japan. <i>Mineralogical Magazine</i> , 2012, 76, 635-647.	1.4	5
33	Influence of garnet hosts on the Raman spectra of quartz inclusions. <i>Journal of Mineralogical and Petrological Sciences</i> , 2012, 107, 173-180.	0.9	17
34	Eclogite from the Kumon range, Myanmar: Petrology and tectonic implications. <i>Gondwana Research</i> , 2012, 21, 548-558.	6.0	15
35	Ultra-high residual compressive stress (>2 GPa) in a very small volume (<1 Åm3) of indented quartz. <i>American Mineralogist</i> , 2011, 96, 283-287.	1.9	6
36	Emplacement P-T conditions of Pan-African biotite-amphibole granitoids in the Nkambe area, Cameroon. <i>Journal of Mineralogical and Petrological Sciences</i> , 2011, 106, 306-319.	0.9	4

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37	Calculated stabilities of sodic phases in the Sambagawa metapelites and their implications. <i>Journal of Metamorphic Geology</i> , 2011, 29, 301-316.	3.4	17
38	Cr-rich allanite-(Ce) in the serpentinite-metapelite reaction layer in the Sanbagawa belt of Nushima, Hyogo Prefecture, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2011, 106, 103-108.	0.9	2
39	Aragonite and omphacite-bearing metapelite from Besshi region, Sambagawa belt in central Shikoku, Japan and its implication. <i>Island Arc</i> , 2010, 19, 165-176.	1.1	23
40	Subduction of mantle wedge peridotites: Evidence from the Higashi-Ikaishi ultramafic body in the Sanbagawa metamorphic belt. <i>Island Arc</i> , 2010, 19, 192-207.	1.1	55
41	Omphacite-bearing metapelite from the Besshi region, Sambagawa metamorphic belt, Japan: Prograde eclogite facies metamorphism recorded in metasediment. <i>Journal of Mineralogical and Petrological Sciences</i> , 2010, 105, 9-19.	0.9	35
42	Momoiite, $(\text{Mn}^{2+}, \text{Ca})_3(\text{V}^{3+}, \text{Al})_2\text{Si}_3\text{O}_{12}$, a new manganese vanadium garnet from Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2010, 105, 92-96.	0.9	7
43	Laser Raman microspectrometry of metamorphic quartz: A simple method for comparison of metamorphic pressures—Corrigendum. <i>American Mineralogist</i> , 2009, 94, 1291-1292.	1.9	3
44	Forearc diamond from Japan. <i>Geology</i> , 2008, 36, 219.	4.4	23
45	Areal extent of eclogite facies metamorphism in the Sanbagawa belt, Japan: New evidence from a Raman microprobe study of quartz residual pressure. <i>Geology</i> , 2008, 36, 503.	4.4	35
46	Raman spectroscopic study of olivine-group minerals. <i>Journal of Mineralogical and Petrological Sciences</i> , 2008, 103, 100-104.	0.9	101
47	Laser Raman microspectrometry of metamorphic quartz: A simple method for comparison of metamorphic pressures. <i>American Mineralogist</i> , 2007, 92, 1303-1315.	1.9	130
48	Peak conditions of kyanite-bearing quartz eclogites in the Sanbagawa metamorphic belt, central Shikoku, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2007, 102, 352-367.	0.9	43
49	CHIME monazite ages of metasediments from the Altai orogen in northwestern China: Devonian and Permian ages of metamorphism and their significance. <i>Island Arc</i> , 2007, 16, 598-604.	1.1	53
50	Survival of eclogite xenolith in a Cretaceous granite intruding the Central Dabieshan migmatite gneiss dome (Eastern China) and its tectonic implications. <i>International Journal of Earth Sciences</i> , 2007, 96, 707-724.	1.8	18
51	Mineralogical methods for identification of asbestos and their limitations. <i>Ganseki Kobutsu Kagaku</i> , 2006, 35, 11-21.	0.1	9
52	Prograde pressure-temperature path of jadeite-bearing eclogites and associated high-pressure/low-temperature rocks from western Tianshan, northwest China. <i>Island Arc</i> , 2006, 15, 483-502.	1.1	30
53	Petrology of highly evolved Pan-African two-mica granites from the Nkambe area, West Cameroon. <i>Journal of African Earth Sciences</i> , 2006, 46, 305-317.	2.0	15
54	Chloritoid and barroisite-bearing pelitic schists from the eclogite unit in the Besshi district, Sanbagawa metamorphic belt. <i>Lithos</i> , 2005, 81, 79-100.	1.4	46

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55	Chloritoid-bearing basic schists from the Sanbagawa metamorphic belt, central Shikoku: their petrologic significance and tectonic implications. <i>Journal of Mineralogical and Petrological Sciences</i> , 2005, 100, 43-54.	0.9	7
56	Epidote Minerals in High P/T Metamorphic Terranes: Subduction Zone and High- to Ultrahigh-Pressure Metamorphism. <i>Reviews in Mineralogy and Geochemistry</i> , 2004, 56, 347-398.	4.8	47
57	Metamorphic evolution of garnet-bearing ultramafic rocks from the Gongen area, Sanbagawa belt, Japan. <i>Journal of Metamorphic Geology</i> , 2004, 22, 1-15.	3.4	74
58	P-T-D Evolution of the Higashi-akaishi Ultramafic Mass in the Sanbagawa Metamorphic Belt, Central Shikoku, Japan: Subduction of Wedge Mantle Peridotite. <i>Journal of Geography (Chigaku Zasshi)</i> , 2004, 113, 617-632.	0.3	5
59	Petrological constraints on the formation conditions and retrograde P - T path of the Kotsu eclogite unit, central Shikoku. <i>Journal of Metamorphic Geology</i> , 2003, 21, 363-376.	3.4	46
60	Subduction-stage pressure-temperature path of eclogite from the Sambagawa belt: Prophetic record for oceanic-ridge subduction. <i>Geology</i> , 2003, 31, 1045.	4.4	71
61	Chromian dissakisite-(Ce) in a garnet lherzolite from the Chinese Su-Lu UHP metamorphic terrane: Implications for Cr incorporation in epidote-group minerals and recycling of REE into the Earth's mantle. <i>American Mineralogist</i> , 2003, 88, 604-610.	1.9	26
62	Hydroxylan pseudorutile in an adamellite from the Nkambe area, Cameroon. <i>Mineralogical Magazine</i> , 2003, 67, 509-516.	1.4	7
63	Orthoferrosilite in a quartz monzonite from the Pan-African Belt in the Nkambe area, Cameroon. <i>Journal of Mineralogical and Petrological Sciences</i> , 2003, 98, 235-244.	0.9	2
64	Optical characters, particularly optic dispersion, of sodic- and subcalcic-amphiboles in Sanbagawa schists. <i>Journal of Mineralogical and Petrological Sciences</i> , 2003, 98, 194-198.	0.9	1
65	Partitioning of Sr between coexisting minerals of the hollandite- and piemontite-groups in a quartz-rich schist from the Sanbagawa metamorphic belt, Japan. <i>American Mineralogist</i> , 2001, 86, 205-214.	1.9	14
66	Chemical fine structure of Franciscan jadeitic pyroxene from Ward Creek, Cazadero area, California. <i>American Mineralogist</i> , 2000, 85, 1795-1798.	1.9	23
67	Decompression P - T path of coesite eclogite to granulite from Weihai, eastern China. <i>Lithos</i> , 2000, 52, 97-108.	1.4	89
68	The Sulu UHP Terrane: A Review of the Petrology and Structural Geology. <i>International Geology Review</i> , 1999, 41, 906-920.	2.1	59
69	Major Rock-Forming Minerals in UHP Metamorphic Rocks. <i>International Geology Review</i> , 1999, 41, 1058-1066.	2.1	3
70	Links of Petrology, Geochemistry and Geochronology. CaAl-silicates: An Important Sr Container in Subducted Slab.. <i>Journal of Geography (Chigaku Zasshi)</i> , 1999, 108, 177-187.	0.3	11
71	Pressure-temperature path of Sanbagawa prograde metamorphism deduced from grossular zoning of garnet. <i>Journal of Metamorphic Geology</i> , 1998, 16, 97-106.	3.4	67
72	Ultrahigh-pressure metamorphism and decompressional P-T paths of eclogites and country rocks from Weihai, eastern China: Comment. <i>Island Arc</i> , 1998, 7, 246-250.	1.1	1

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73	Sr-bearing zoisite and epidote in ultra-high pressure (UHP) metamorphic rocks from the Su-Lu province, eastern China; an important Sr reservoir under UHP conditions. <i>American Mineralogist</i> , 1998, 83, 240-247.	1.9	73
74	Occurrence and field relationships of ultrahigh-pressure metagranitoid and coesite eclogite in the Su-Lu terrane, eastern China. <i>Journal of the Geological Society</i> , 1997, 154, 45-54.	2.1	98
75	Ultra-high-pressure (UHP) marble and eclogite in the Su-Lu UHP terrane, eastern China. <i>Journal of Metamorphic Geology</i> , 1997, 15, 169-182.	3.4	105
76	A mechanism for Na incorporation in garnet; an example from garnet in orthogneiss from the Su-Lu Terrane, eastern China. <i>American Mineralogist</i> , 1995, 80, 475-482.	1.9	53
77	Paragenesis of sodic pyroxene-bearing quartz schists: implications for the P-T history of the Sanbagawa belt. <i>Contributions To Mineralogy and Petrology</i> , 1994, 116, 182-198.	3.1	199
78	Prograde amphiboles in hematite-bearing basic and quartz schists in the Sanbagawa belt, central Shikoku: relationship between metamorphic field gradient and P-T paths of individual rocks. <i>Journal of Metamorphic Geology</i> , 1994, 12, 841-852.	3.4	33
79	Potassium feldspar in Sanbagawa metamorphic rocks: mineral paragenesis and its implications.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1994, 89, 301-310.	0.1	5
80	Sanbagawa metamorphism: Implication for evolution of a subduction zone.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1994, 89, 409-422.	0.1	4
81	The chemical Th-U-total Pb isochron ages of Jiaodong and Jiaonan metamorphic rocks in the Shandong Peninsula, eastern China. <i>Island Arc</i> , 1993, 2, 104-113.	1.1	40
82	High-pressure eclogites in northern Jiangsu ? southern Shandong province, eastern China. <i>Journal of Metamorphic Geology</i> , 1993, 11, 589-603.	3.4	108
83	Coesite-bearing granulite retrograded from eclogite in Weihai, eastern China. <i>European Journal of Mineralogy</i> , 1993, 5, 141-152.	1.3	150
84	Aluminian orthopyroxene in pyrometamorphosed garnet megacrysts from Liaoning and Shandong provinces, northeast China. <i>European Journal of Mineralogy</i> , 1993, 5, 153-164.	1.3	13
85	Al-Fe ³⁺ and F-OH substitutions in titanite and constraints on their P-T dependence. <i>European Journal of Mineralogy</i> , 1993, 5, 219-232.	1.3	124
86	A calderitic garnet paragenesis in granitic gneisses in the Su-Lu ultra high-pressure terrane, eastern China.. <i>Journal of the Mineralogical Society of Japan</i> , 1993, 16, 268-277.	1.0	6
87	Dolomite in Sanbagawa metamorphic rocks of the Bessi area, central Shikoku.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1988, 83, 338-349.	0.1	13
88	Chlorine-rich potassium hastingsite from West Ongul Island, L'Île de la Reine, Holm Bay, East Antarctica. <i>Mineralogical Magazine</i> , 1987, 51, 709-714.	1.4	39
89	Zn-Mn ilmenite in the Kuiqi granite from Fuzhou, Fujian province, East China. <i>Mineralogy and Petrology</i> , 1987, 36, 111-120.	1.1	20
90	Ardennite in a quartz schist from the Asemi-gawa area in the Sanbagawa metamorphic terrain, central Shikoku, Japan.. <i>Journal of the Mineralogical Society of Japan</i> , 1986, 13, 151-160.	1.0	9

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91	Chromian and titanian pumpellyites in a metagabbro pebble from the Miocene sediments in the Chita Peninsula, central Japan.. Journal of the Mineralogical Society of Japan, 1986, 13, 90-97.	1.0	6
92	Coexisting sodic augite and omphacite in a Sanbagawa metamorphic rock, Japan. Contributions To Mineralogy and Petrology, 1984, 86, 241-247.	3.1	7
93	REE-bearing epidote from Sanbagawa pelitic schists, central Shikoku, Japan.. Geochemical Journal, 1984, 18, 45-53.	1.0	27
94	Isotopic studies of marbles in the Sanbagawa metamorphic terrain, central, Shikoku, Japan.. Geochemical Journal, 1984, 18, 61-73.	1.0	27
95	Petrology of pelitic schists in the oligoclase-biotite zone of the Sanbagawa metamorphic terrain, Japan: phase equilibria in the highest grade zone of a high-pressure intermediate type of metamorphic belt. Journal of Metamorphic Geology, 1983, 1, 141-161.	3.4	129
96	Oligoclase-biotite zone of the Sanbagawa metamorphic terrain in the Bessi district, central Shikoku, Japan. Journal of the Geological Society of Japan, 1982, 88, 887-900_1.	0.6	55
97	On sodic plagioclase in some rocks of the Sanbagawa metamorphic belt in the Bessi district, Shikoku, Japan.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1981, 57, 188-193.	3.8	16
98	Zoisite-clinozoisite relations in low- to medium-grade high-pressure metamorphic rocks and their implications. Mineralogical Magazine, 1980, 43, 1005-1013.	1.4	22
99	Notes on petrography and rock-forming mineralogy (8) margarite-bearing metagabbro from the Iratsu mass in the Sanbagawa belt, central Shikoku.. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1980, 75, 245-253.	0.2	3
100	Petrology of the Fujiwara mass and the surrounding pelitic schists in the Sanbagawa metamorphic belt, central Shikoku. Journal of the Geological Society of Japan, 1980, 86, 461-473_1.	0.6	8
101	Notes on petrography and rock-forming mineralogy (6) Glaucophane in the Iratsu amphibolite in the Sanbagawa belt in central Shikoku.. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1979, 74, 332-338.	0.2	4
102	SECTOR ZONING OF ZOISITE FROM A METAGABBRO AT FUJIWARA, SANBAGAWA METAMORPHIC TERRAIN IN CENTRAL SHIKOKU. Journal of the Geological Society of Japan, 1977, 83, 693-697_1.	0.6	8
103	Compositional range of .ALPHA. and .BETA. zoisites.. Journal of the Geological Society of Japan, 1977, 83, 737-739.	0.6	1