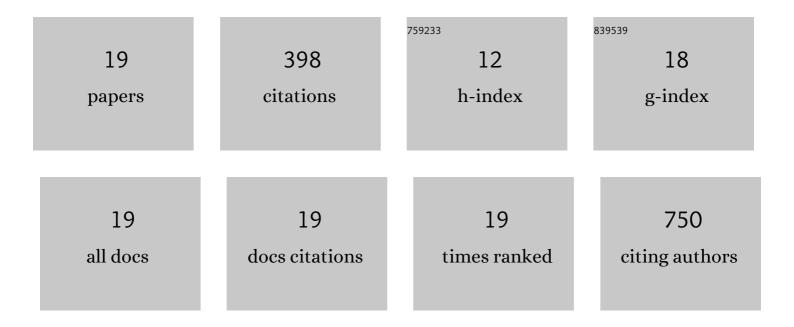
## Patricia L Clay

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Magmatic volatiles and platinum-group element mineralization in the Stillwater layered intrusion, U.S.A American Mineralogist, 2022, 107, 797-814.	1.9	1
2	Bimodal Alteration of the Oceanic Crust Revealed by Halogen and Noble Gas Systematics in the Oman Ophiolite. Journal of Geophysical Research: Solid Earth, 2022, 127, e2021JB022669.	3.4	1
3	Halogen Abundances and Isotopes. , 2021, , 81-99.		0
4	Multi-stage fluid infiltration and metasomatism in supra-subduction zone mantle: evidence from halogens and noble gases in the Leka Ophiolite Complex, Norway. Geochimica Et Cosmochimica Acta, 2021, 307, 258-280.	3.9	10
5	Heavy halogen geochemistry of martian shergottite meteorites and implications for the halogen composition of the depleted shergottite mantle source. American Mineralogist, 2020, 105, 289-306.	1.9	4
6	Halogen cycling and precious metal enrichment in sub-volcanic magmatic systems: Insights from the Rum layered intrusion, Scotland. Earth and Planetary Science Letters, 2019, 526, 115769.	4.4	4
7	Length-scales of chemical and isotopic heterogeneity in the mantle section of the Shetland Ophiolite Complex, Scotland. Earth and Planetary Science Letters, 2018, 488, 144-154.	4.4	17
8	Halogens in chondritic meteorites and terrestrial accretion. Nature, 2017, 551, 614-618.	27.8	58
9	Effect of water on the fluorine and chlorine partitioning behavior between olivine and silicate melt. Contributions To Mineralogy and Petrology, 2017, 172, 15.	3.1	15
10	Cosmochemical and spectroscopic properties of Northwest Africa 7325—A consortium study. Meteoritics and Planetary Science, 2016, 51, 3-30.	1.6	32
11	Determination of halogen abundances in terrestrial and extraterrestrial samples by the analysis of noble gases produced by neutron irradiation. Chemical Geology, 2016, 437, 77-87.	3.3	32
12	40Ar/39Ar ages and residual volatile contents in degassed subaerial and subglacial glassy volcanic rocks from Iceland. Chemical Geology, 2015, 403, 99-110.	3.3	18
13	Experimental partitioning of F and Cl between olivine, orthopyroxene and silicate melt at Earth's mantle conditions. Chemical Geology, 2015, 416, 65-78.	3.3	62
14	Trevorite: Ni-rich spinel formed by metasomatism and desulfurization processes at Bon Accord, South Africa?. Mineralogical Magazine, 2014, 78, 145-163.	1.4	18
15	Characteristics of djerfisherite from fluid-rich, metasomatized alkaline intrusive environments and anhydrous enstatite chondrites and achondrites. American Mineralogist, 2014, 99, 1683-1693.	1.9	10
16	Fall, recovery, and characterization of the Novato L6 chondrite breccia. Meteoritics and Planetary Science, 2014, 49, 1388-1425.	1.6	59
17	Textural characterization, major and volatile element quantification and Ar–Ar systematics of spherulites in the Rocche Rosse obsidian flow, Lipari, Aeolian Islands: a temperature continuum growth model. Contributions To Mineralogy and Petrology, 2013, 165, 373-395.	3.1	21
18	Partitioning of excess argon between alkali feldspars and glass in a young volcanic system. Chemical Geology, 2011, 289, 12-30.	3.3	13

#	Article	IF	CITATIONS
19	Two diffusion pathways in quartz: A combined UV-laser and RBS study. Geochimica Et Cosmochimica Acta, 2010, 74, 5906-5925.	3.9	23