Philip E Janney

List of Publications by Year
in descending order

42 papers	4,049 citations	156536 32 h-index	312153 41 g-index
43 all docs	43 docs citations	43 times ranked	3583 citing authors

#	Article	IF	Citations
1	Passive sampling and ecohydrologic modeling to investigate pesticide surface water loading in the Zollner Creek watershed, Oregon, USA. Science of the Total Environment, 2022, 819, 152955.	3.9	1
2	Cr-poor and Cr-rich clinopyroxene and garnet megacrysts from southern African Group 1 and Group 2 kimberlites: Clues to megacryst origins and their relationship to kimberlites. Lithos, 2021, 396-397, 106231.	0.6	6
3	A Technology of Multiple Smelting Furnaces per Termite Mound: Iron Production in Chongwe, Lusaka, Zambia. Journal of African Archaeology, 2020, 18, 67-85.	0.3	5
4	Emplacement age of the Tshibwe kimberlite, Democratic Republic of Congo, by in-situ LAM-ICPMS U/Pb dating of groundmass perovskite. Journal of African Earth Sciences, 2019, 157, 103502.	0.9	0
5	A Systems Approach to Modeling Watershed Ecohydrology and Pesticide Transport. Journal of Environmental Quality, 2019, 48, 1047-1056.	1.0	3
6	Kimberlites as Geochemical Probes of Earthâ€™s Mantle. Elements, 2019, 15, 387-392.	0.5	66
7	Progressive metasomatism of the mantle by kimberlite melts: Srâ€“Ndâ€“Hfâ€“Pb isotope compositions of MARID and PIC minerals. Earth and Planetary Science Letters, 2019, 509, 15-26.	1.8	43
8	Cratons, kimberlites and diamonds: selected papers of the 11th International Kimberlite Conference. Mineralogy and Petrology, 2018, 112, 1-3.	0.4	6
9	New geochemical constraints on the origins of MARID and PIC rocks: Implications for mantle metasomatism and mantle-derived potassic magmatism. Lithos, 2018, 318-319, 478-493.	0.6	50
10	Isotopic mass fractionation laws for magnesium and their effects on 26Alâ€“26Mg systematics in solar system materials. Geochimica Et Cosmochimica Acta, 2015, 158, 245-261.	1.6	74
11	Oxygen isotope systematics of South African olivine melilitites and implications for HIMU mantle reservoirs. Lithos, 2014, 202-203, 76-84.	0.6	33
12	Experimental evaporation of Mg- and Si-rich melts: Implications for the origin and evolution of FUN CAIs. Geochimica Et Cosmochimica Acta, 2013, 123, 368-384.	1.6	39
13	Matrix effects in the analysis of Mg and Si isotope ratios in natural and synthetic glasses by laser ablation-multicollector ICPMS: A comparison of single- and double-focusing mass spectrometers. Chemical Geology, 2011, 281, 26-40.	1.4	35
14	EARLY SOLAR NEBULA CONDENSATES WITH CANONICAL, NOT SUPRACANONICAL, INITIAL ²⁶ Al/ ²⁷ Al RATIOS. Astrophysical Journal Letters, 2010, 711, L117-L121.	3.0	67
15	Age, Composition and Thermal Characteristics of South African Off-Craton Mantle Lithosphere: Evidence for a Multi-Stage History. Journal of Petrology, 2010, 51, 1849-1890.	1.1	71
16	²³⁸ U/ ²³⁵ U Variations in Meteorites: Extant ²⁴⁷ Cm and Implications for Pb-Pb Dating. Science, 2010, 327, 449-451.	6.0	150
17	26Alâ€“26Mg systematics in Dâ€™Orbigny and Sahara 99555 angrites: Implications for high-resolution chronology using extinct chronometers. Geochimica Et Cosmochimica Acta, 2009, 73, 5202-5211.	1.6	67
18	Ancient relative and absolute ages for a basaltic meteorite: Implications for timescales of planetesimal accretion and differentiation. Geochimica Et Cosmochimica Acta, 2009, 73, 5189-5201.	1.6	59

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19	Nickel isotopic anomalies in troilite from iron meteorites. Geophysical Research Letters, 2008, 35, .	1.5	17
20	Rapid accretion and differentiation of iron meteorite parent bodies inferred from 182Hfâ€“182W chronometry and thermal modeling. Earth and Planetary Science Letters, 2008, 273, 94-104.	1.8	115
21	Magnesium isotope fractionation in silicate melts by chemical and thermal diffusion. Geochimica Et Cosmochimica Acta, 2008, 72, 206-220.	1.6	201
22	Tungsten Nuclear Anomalies in Planetesimal Cores. Astrophysical Journal, 2008, 674, 1234-1241.	1.6	78
23	Iron isotope, major and trace element characterization of early Archean supracrustal rocks from SW Greenland: Protolith identification and metamorphic overprint. Geochimica Et Cosmochimica Acta, 2007, 71, 4745-4770.	1.6	75
24	Elemental and isotopic fractionation of Type B CAI-like liquids by evaporation. Geochimica Et Cosmochimica Acta, 2007, 71, 5544-5564.	1.6	128
25	Massâ€dependent fractionation of nickel isotopes in meteoritic metal. Meteoritics and Planetary Science, 2007, 42, 2067-2077.	0.7	31
26	Analytical Developments for High-Precision Measurements of W Isotopes in Iron Meteorites. Analytical Chemistry, 2007, 79, 3148-3154.	3.2	18
27	High Precision Measurements of Non-Mass-Dependent Effects in Nickel Isotopes in Meteoritic Metal via Multicollector ICPMS. Analytical Chemistry, 2006, 78, 8477-8484.	3.2	36
28	Absence of a high time-integrated 3He/(U+Th) source in the mantle beneath continents. Geology, 2005, 33, 733.	2.0	42
29	Hafnium Isotope and Trace Element Constraints on the Nature of Mantle Heterogeneity beneath the Central Southwest Indian Ridge (13Â°E to 47Â°E). Journal of Petrology, 2005, 46, 2427-2464.	1.1	113
30	The early differentiation history of Mars from 182W-142Nd isotope systematics in the SNC meteorites. Geochimica Et Cosmochimica Acta, 2005, 69, 4557-4571.	1.6	173
31	Clues from Fe Isotope Variations on the Origin of Early Archean BIFs from Greenland. Science, 2004, 306, 2077-2080.	6.0	254
32	Chromatographic Separation and Multicollection-ICPMS Analysis of Iron. Investigating Mass-Dependent and -Independent Isotope Effects. Analytical Chemistry, 2004, 76, 5855-5863.	3.2	150
33	Mesozoic thermal evolution of the southern African mantle lithosphere. Lithos, 2003, 71, 273-287.	0.6	118
34	Magnesium isotope heterogeneity of the isotopic standard SRM980 and new reference materials for magnesium-isotope-ratio measurements. Journal of Analytical Atomic Spectrometry, 2003, 18, 1352.	1.6	367
35	A Chemical and Multi-Isotope Study of the Western Cape Olivine Melilitite Province, South Africa: Implications for the Sources of Kimberlites and the Origin of the HIMU Signature in Africa. Journal of Petrology, 2002, 43, 2339-2370.	1.1	94
36	Arago Seamount: The missing hotspot found in the Austral Islands. Geology, 2002, 30, 1023.	2.0	55

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37	Geochemistry of the oldest Atlantic oceanic crust suggests mantle plume involvement in the early history of the central Atlantic Ocean. Earth and Planetary Science Letters, 2001, 192, 291-302.	1.8	52
38	Geochemical evidence from the Pukapuka volcanic ridge system for a shallow enriched mantle domain beneath the South Pacific Superswell. Earth and Planetary Science Letters, 2000, 181, 47-60.	1.8	58
39	Petrology and geochemistry of Camiguin Island, southern Philippines: insights to the source of adakites and other lavas in a complex arc setting. Contributions To Mineralogy and Petrology, 1999, 134, 33-51.	1.2	917
40	Isotope geochemistry of the Darwin Rise seamounts and the nature of long-term mantle dynamics beneath the south central Pacific. Journal of Geophysical Research, 1999, 104, 10571-10589.	3.3	41
41	Geochemistry of Mesozoic Pacific mid-ocean ridge basalt: Constraints on melt generation and the evolution of the Pacific upper mantle. Journal of Geophysical Research, 1997, 102, 5207-5229.	3.3	71
42	Basalts from the Central Pacific Basin: Evidence for the origin of Cretaceous igneous complexes in the Jurassic western Pacific. Journal of Geophysical Research, 1996, 101, 2875-2893.	3.3	68