

# Leo M Kriegsman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/243930/publications.pdf>

Version: 2024-02-01

32  
papers

934  
citations

567281

15  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial melting, partial melt extraction and partial back reaction in anatectic migmatites. <i>Lithos</i> , 2001, 56, 75-96.	1.4	167
2	The Pan-African event in East Antarctica: a view from Sri Lanka and the Mozambique Belt. <i>Precambrian Research</i> , 1995, 75, 263-277.	2.7	102
3	Back reaction between restite and melt: Implications for geothermobarometry and pressure-temperature paths. <i>Geology</i> , 1998, 26, 1111.	4.4	89
4	Tectonic setting of post-collisional magmatism in the Palaeoproterozoic Svecofennian Orogen, SW Finland. <i>Lithos</i> , 2000, 54, 63-81.	1.4	73
5	The link between migmatites and S-type granites in the Turku area, southern Finland. <i>Lithos</i> , 2003, 68, 69-90.	1.4	63
6	Proterozoic crustal evolution of southernmost India and Sri Lanka. <i>Geological Society Special Publication</i> , 2003, 206, 169-202.	1.3	62
7	Tectonics of the Neoproterozoic Southern Granulite Terrain, South India. <i>Precambrian Research</i> , 2005, 138, 37-56.	2.7	58
8	Melt-producing versus melt-consuming reactions in pelitic xenoliths and migmatites. <i>Lithos</i> , 2010, 116, 310-320.	1.4	57
9	Origin of compositional layering and mechanism of crustal thickening in the high-grade gneiss terrain of Sri Lanka. <i>Precambrian Research</i> , 1994, 66, 21-37.	2.7	39
10	Thrust stacking in the inner Nordre Strømfjord area, West Greenland Significance for the tectonic evolution of the Palaeoproterozoic Nagssugtoqidian orogen. <i>Precambrian Research</i> , 1999, 93, 71-86.	2.7	34
11	Evidence for a fold nappe in the high-grade basement of central Sri Lanka: terrane assembly in the pan-african lower crust?. <i>Precambrian Research</i> , 1994, 66, 59-76.	2.7	28
12	The Pan-African event in East Antarctica: a view from Sri Lanka and the Mozambique Belt. <i>Precambrian Research</i> , 1995, 75, 263-277.	2.7	23
13	New constraints on the P-T path of HT/UHT metapelites from the Highland Complex of Sri Lanka. <i>Geoscience Frontiers</i> , 2017, 8, 1405-1430.	8.4	21
14	Chemical, petrological and mass balance constraints on the textural evolution of pelitic enclaves. <i>Lithos</i> , 2010, 116, 300-309.	1.4	17
15	Divariant and trivariant reaction line slopes in FMAS and CFMAS: theory and applications. <i>Contributions To Mineralogy and Petrology</i> , 1996, 126, 38-50.	3.1	15
16	Crustal anatexis in the Aouli-Mibladen granitic complex: A window into the middle crust below the Moroccan Eastern Variscan Meseta. <i>Journal of African Earth Sciences</i> , 2019, 154, 136-163.	2.0	15
17	Distinct metamorphic evolution of alternating silica-saturated and silica-deficient microdomains within garnet in ultrahigh-temperature granulites: An example from Sri Lanka. <i>Geoscience Frontiers</i> , 2017, 8, 1115-1133.	8.4	12
18	The CM carbonaceous chondrite regolith Diepenveen. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1431-1461.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Prograde and retrograde reactions, garnet zoning patterns, and accessory phase behaviour in SW Finland migmatites, with implications for geochronology. Geological Society Special Publication, 2003, 220, 213-230.	1.3	8
20	Observing silicic magma transport in dykes at depths of 8–19km: Evidences from crustal xenoliths and numerical modelling. Journal of Volcanology and Geothermal Research, 2015, 296, 69-79.	2.1	7
21	Symplectite growth in the presence of alkaline fluids: evidence from high-aluminous metasediments of the Highland Complex, Sri Lanka. Mineralogy and Petrology, 2020, 114, 515-538.	1.1	7
22	Hybrid phase equilibria modelling with conventional and trace element thermobarometry to assess the $P$ - $T$ evolution of UHT granulites: An example from the Highland Complex, Sri Lanka. Journal of Metamorphic Geology, 2021, 39, 209-246.	3.4	7
23	Structural geology of the Lys-Caillaouas massif, Central Pyrenees. Evidence for a large scale recumbent fold of late Variscan age. Geodynamica Acta, 1989, 3, 163-170.	2.2	5
24	Petrologic History of Lunar Phosphates Accounts for the Water Content of the Moon's Mare Basalts. Geosciences (Switzerland), 2019, 9, 421.	2.2	4
25	Fluorine in orthoamphibole dominated Zn-Cu-Pb deposits: examples from Finland and Australia. Geological Society Special Publication, 2002, 204, 337-353.	1.3	3
26	Melt segregation rates in migmatites: review and critique of common approaches. Geological Society Special Publication, 2003, 220, 203-212.	1.3	2
27	Disequilibrium phenocrystic assemblage within dacites reveals magma mixing and stratified chamber after crustal assimilation at El Hoyazo volcano, SE Spain. Lithos, 2021, 380-381, 105849.	1.4	2
28	Spatial distribution of ultrahigh-temperature granulites of the Highland Complex of Sri Lanka: Lowermost continental crust above an ultrahot palaeo-Moho. Lithos, 2021, 404-405, 106484.	1.4	2
29	The Cordierite-Orthoamphibole Rocks of the Variscan Dome of Gavarnie-G�dre-H�as: The Gedrite of G�dre (Hautes Pyr�nes, France). Canadian Mineralogist, 2017, 55, 245-281.	1.0	1
30	Diamonds from the Nassau Mountains, Suriname. Journal of Gemmology, 2020, 37, 180-191.	0.2	1
31	Multi-stage metamorphism recorded in crustal xenoliths from Permian dykes of the region of Mirt (Moroccan Central Massif). Journal of African Earth Sciences, 2022, 194, 104636.	2.0	1
32	Melting by numbers: Assessing the effective melt fertility of crustal rocks. Lithos, 2021, 386-387, 106006.	1.4	0