

Mary L Leech

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

1,211
citations

15
h-index

24
g-index

24
ext. papers

1,304
ext. citations

3.7
avg, IF

4.36
L-index

#	Paper	IF	Citations
23	Why are diamonds preserved in UHP metamorphic complexes? Experimental evidence for the effect of pressure on diamond graphitization. <i>International Geology Review</i> , 2019 , 61, 504-519	2.3	6
22	Mantle fluids in the Karakoram fault: Helium isotope evidence. <i>Earth and Planetary Science Letters</i> , 2013 , 366, 59-70	5.3	93
21	Is the HP-UHP Hong'an-Dabie-Sulu orogen a piercing point for offset on the Tan-Tu fault?. <i>Journal of Asian Earth Sciences</i> , 2013 , 63, 112-129	2.8	30
20	Age and origin of granites in the Karakoram shear zone and Greater Himalaya Sequence, NW India. <i>Lithosphere</i> , 2013 , 5, 300-320	2.7	21
19	Fold patterns indicating Triassic constrictional deformation on the Liaodong peninsula, eastern China, and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 72-83	2.8	27
18	Reply to comment by M.P. Searle and R.J. Phillips (2009) and R.R. Parrish (2009) on: Does the Karakoram fault interrupt mid-crustal channel flow in the western Himalaya? By Mary L. Leech, <i>Earth and Planetary Science Letters</i> 276 (2008) 314-322. <i>Earth and Planetary Science Letters</i> , 2009 , 286, 592-595	5.3	2
17	Does the Karakoram fault interrupt mid-crustal channel flow in the western Himalaya?. <i>Earth and Planetary Science Letters</i> , 2008 , 276, 314-322	5.3	65
16	Continuous Metamorphic Zircon Growth and Interpretation of U-Pb SHRIMP Dating: An Example from the Western Himalaya. <i>International Geology Review</i> , 2007 , 49, 313-328	2.3	38
15	The Maksyutov Complex: The first UHP terrane 40 years later 2007 ,		2
14	$^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology of the Sulu terrane: Late Triassic exhumation of high- and ultrahigh-pressure rocks and implications for Mesozoic tectonics in East Asia 2006 ,		11
13	Diachronous histories for the Dabie-Sulu orogen from high-temperature geochronology 2006 ,		14
12	Reply to comment by P.J. O'Brien on: The onset of India-Asia continental collision: Early, steep subduction required by the timing of UHP metamorphism in the western Himalaya By Mary L. Leech, S. Singh, A.K. Jain, Simon L. Klemperer and R.M. Manickavasagam, <i>Earth Planetary Science Letters</i> 234 (2005) 83-97. <i>Earth and Planetary Science Letters</i> , 2006 , 245, 817-820	5.3	3
11	The onset of India-Asia continental collision: Early, steep subduction required by the timing of UHP metamorphism in the western Himalaya. <i>Earth and Planetary Science Letters</i> , 2005 , 234, 83-97	5.3	441
10	Mass balance during retrogression of eclogite-facies minerals in the Rongcheng eclogite, eastern Sulu ultrahigh-pressure terrane, China. <i>American Mineralogist</i> , 2004 , 89, 1525-1532	2.9	8
9	Thermal modeling of the UHP Maksyutov Complex in the south Urals. <i>Earth and Planetary Science Letters</i> , 2004 , 226, 85-99	5.3	15
8	Low-temperature microdiamond aggregates in the Maksyutov Metamorphic Complex, South Ural Mountains, Russia. <i>American Mineralogist</i> , 2003 , 88, 1709-1717	2.9	43
7	Arrested orogenic development: eclogitization, delamination, and tectonic collapse. <i>Earth and Planetary Science Letters</i> , 2001 , 185, 149-159	5.3	152

6	Petrotectonic evolution of the high- to ultrahigh-pressure Maksyutov Complex, Karayanova area, south Ural Mountains: structural and oxygen isotope constraints. <i>Lithos</i> , 2000 , 52, 235-252	2.9	26
5	The late exhumation history of the ultrahigh-pressure Maksyutov Complex, south Ural Mountains, from new apatite fission track data. <i>Tectonics</i> , 2000 , 19, 153-167	4.3	40
4	Graphite pseudomorphs after diamond? A carbon isotope and spectroscopic study of graphite cuboids from the Maksyutov Complex, south Ural Mountains, Russia. <i>Geochimica Et Cosmochimica Acta</i> , 1998 , 62, 2143-2154	5.5	55
3	H ₂ O Recycling During Continental Collision: Phase-Equilibrium and Kinetic Considerations. <i>Petrology and Structural Geology</i> , 1998 , 275-295		18
2	Petrology and retrograde P-T path for eclogites of the Maksyutov Complex, Southern Ural Mountains, Russia. <i>Island Arc</i> , 1995 , 4, 254-266	2	42
1	Petrotectonic Evolution of the Maksyutov Complex, Southern Urals, Russia: Implications for Ultrahigh-Pressure Metamorphism. <i>International Geology Review</i> , 1995 , 37, 584-600	2.3	59