

# Kari Cooper

## List of Publications by Year in descending order

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40  
papers

2,576  
citations

201674

27  
h-index

302126

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely young melt infiltration of the sub-continental lithospheric mantle. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 313, 106325.	1.9	0
2	A Preliminary Framework for Magmatism in Modern Continental Back-Arc Basins and Its Application to the Triassic-Jurassic Tectonic Evolution of the Caucasus. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009490.	2.5	6
3	Time scales and temperatures of crystal storage in magma reservoirs: implications for magma reservoir dynamics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180009.	3.4	37
4	How well do zircons record the thermal evolution of magmatic systems?. <i>Geology</i> , 2018, 46, 111-114.	4.4	23
5	What Does a Magma Reservoir Look Like? The "Crystal's-Eye" View. <i>Elements</i> , 2017, 13, 23-28.	0.5	60
6	Assessing response of local moisture conditions in central Brazil to variability in regional monsoon intensity using speleothem $^{87}\text{Sr}/^{86}\text{Sr}$ values. <i>Earth and Planetary Science Letters</i> , 2017, 463, 310-322.	4.4	48
7	The role of mantle-derived magmas in the isotopic evolution of Yellowstone's magmatic system. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1350-1365.	2.5	17
8	Rapid cooling and cold storage in a silicic magma reservoir recorded in individual crystals. <i>Science</i> , 2017, 356, 1154-1156.	12.6	131
9	Shallow melting of MORB-like mantle under hot continental lithosphere, central Anatolia. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1866-1888.	2.5	63
10	Influence of Exsolved Volatiles on Reheating Silicic Magmas by Recharge and Consequences for Eruptive Style at Volc. Quizapu (Chile). <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4123-4135.	2.5	32
11	Response to Comment on "Rapid cooling and cold storage in a silicic magma reservoir recorded in individual crystals". <i>Science</i> , 2017, 358, .	12.6	4
12	Timescales of storage and recycling of crystal mush at Krafla Volcano, Iceland. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	24
13	Changes in magma storage conditions following caldera collapse at Okataina Volcanic Center, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	29
14	Magma reservoir response to transient recharge events: The case of Santorini volcano (Greece). <i>Geology</i> , 2016, 44, 23-26.	4.4	64
15	Episodic Holocene eruption of the Salton Buttes rhyolites, California, from paleomagnetic, U-Th, and Ar/Ar dating. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1198-1210.	2.5	21
16	Timescales of crustal magma reservoir processes: insights from U-series crystal ages. <i>Geological Society Special Publication</i> , 2015, 422, 141-174.	1.3	25
17	Mechanisms and Timescales of Generating Eruptible Rhyolitic Magmas at Yellowstone Caldera from Zircon and Sanidine Geochronology and Geochemistry. <i>Journal of Petrology</i> , 2015, 56, 1607-1642.	2.8	82
18	Stalagmite records of hydroclimate in central California during termination 1. <i>Quaternary Science Reviews</i> , 2015, 127, 199-214.	3.0	38

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19	Rapid remobilization of magmatic crystals kept in cold storage. <i>Nature</i> , 2014, 506, 480-483.	27.8	370
20	Magma mixing and the generation of isotopically juvenile silicic magma at Yellowstone caldera inferred from coupling $^{238}\text{U}$ – $^{230}\text{Th}$ ages with trace elements and Hf and O isotopes in zircon and Pb isotopes in sanidine. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 587-613.	3.1	41
21	Integrating the Uranium-Series and Elemental Diffusion Geochronometers in Mixed Magmas from VolcAñ Quizapu, Central Chile. <i>Journal of Petrology</i> , 2012, 53, 841-871.	2.8	38
22	The Crustal Magma Storage System of VolcAñ Quizapu, Chile, and the Effects of Magma Mixing on Magma Diversity. <i>Journal of Petrology</i> , 2012, 53, 801-840.	2.8	108
23	Constraints on crystal storage timescales in mixed magmas: Uranium-series disequilibria in plagioclase from Holocene magmas at Mount Hood, Oregon. <i>Earth and Planetary Science Letters</i> , 2012, 317-318, 319-330.	4.4	20
24	Downhole variation of lithium and oxygen isotopic compositions of oceanic crust at East Pacific Rise, ODP Site 1256. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	55
25	Magmatic perturbations in the Okataina Volcanic Complex, New Zealand at thousand-year timescales recorded in single zircon crystals. <i>Earth and Planetary Science Letters</i> , 2011, 305, 185-194.	4.4	52
26	Faulted terrace risers place new constraints on the late Quaternary slip rate for the central Altyn Tagh fault, northwest Tibet. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 958-978.	3.3	99
27	Preferential eruption of andesitic magmas through recharge filtering. <i>Nature Geoscience</i> , 2010, 3, 631-636.	12.9	228
28	Magmatic Longevity of Laacher See Volcano (Eifel, Germany) Indicated by U–Th Dating of Intrusive Carbonatites. <i>Journal of Petrology</i> , 2010, 51, 1053-1085.	2.8	71
29	Gas transport model for the magmatic system at Mount Pinatubo, Philippines: Insights from ( $^{210}\text{Pb}$ )/( $^{226}\text{Ra}$ ). <i>Journal of Volcanology and Geothermal Research</i> , 2009, 181, 124-140.	2.1	23
30	Comment on “On the recent bimodal magmatic processes and their rates in the TorfajAñkullAñVeidivAñtn area, Iceland” by G.F. Zellmer, K.H. Rubin, K. GrAñnvold, and Z. Jurado-Chichay. <i>Earth and Planetary Science Letters</i> , 2009, 281, 110-114.	4.4	7
31	Late Pleistocene California droughts during deglaciation and Arctic warming. <i>Earth and Planetary Science Letters</i> , 2009, 288, 434-443.	4.4	64
32	Distribution of recycled crust within the upper mantle: Insights from the oxygen isotope composition of MORB from the AustralianAñAntarctic Discordance. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	26
33	Uranium-series Crystal Ages. <i>Reviews in Mineralogy and Geochemistry</i> , 2008, 69, 479-544.	4.8	50
34	Vapor transfer prior to the October 2004 eruption of Mount St. Helens, Washington. <i>Geology</i> , 2007, 35, 231.	4.4	62
35	Drilling to Gabbro in Intact Ocean Crust. <i>Science</i> , 2006, 312, 1016-1020.	12.6	230
36	$^{226}\text{Ra}/^{230}\text{Th}$ excess generated in the lower crust: Implications for magma transport and storage time scales. <i>Geology</i> , 2005, 33, 833.	4.4	15

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37	Oxygen isotope evidence for the origin of enriched mantle beneath the mid-Atlantic ridge. Earth and Planetary Science Letters, 2004, 220, 297-316.	4.4	63
38	Uranium-series chronology of Gorda Ridge volcanism: new evidence from the 1996 eruption. Earth and Planetary Science Letters, 2003, 206, 459-475.	4.4	44
39	Re-examination of crystal ages in recent Mount St. Helens lavas: implications for magma reservoir processes. Earth and Planetary Science Letters, 2003, 213, 149-167.	4.4	107
40	Crystal and magma residence at Kilauea Volcano, Hawaii: $^{230}\text{Th}$ – $^{226}\text{Ra}$ dating of the 1955 east rift eruption. Earth and Planetary Science Letters, 2001, 184, 703-718.	4.4	99