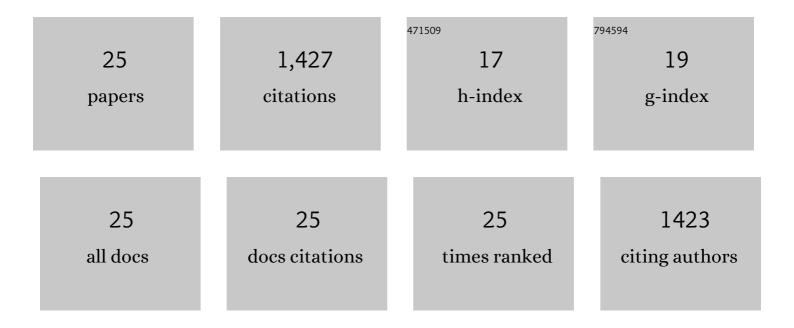
Michael P Eddy

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	U-Pb geochronology of the Deccan Traps and relation to the end-Cretaceous mass extinction. Science, 2015, 347, 182-184.	12.6	390
2	U-Pb constraints on pulsed eruption of the Deccan Traps across the end-Cretaceous mass extinction. Science, 2019, 363, 862-866.	12.6	304
3	Natural quasicrystal with decagonal symmetry. Scientific Reports, 2015, 5, 9111.	3.3	81
4	Impact-induced shock and the formation of natural quasicrystals in the early solar system. Nature Communications, 2014, 5, 4040.	12.8	71
5	Decagonite, Al ₇₁ Ni ₂₄ Fe ₅ , a quasicrystal with decagonal symmetry from the Khatyrka CV3 carbonaceous chondrite. American Mineralogist, 2015, 100, 2340-2343.	1.9	61
6	Mercury linked to Deccan Traps volcanism, climate change and the end-Cretaceous mass extinction. Global and Planetary Change, 2020, 194, 103312.	3.5	59
7	Paleocene latitude of the Kohistan–Ladakh arc indicates multistage India–Eurasia collision. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29487-29494.	7.1	57
8	Khatyrka, a new <scp>CV</scp> 3 find from the Koryak Mountains, Eastern Russia. Meteoritics and Planetary Science, 2013, 48, 1499-1514.	1.6	44
9	Rapid assembly and crystallization of a fossil large-volume silicic magma chamber. Geology, 2016, 44, 331-334.	4.4	43
10	Small-volume baddeleyite (ZrO2) U–Pb geochronology and Lu–Hf isotope geochemistry by LA-ICP-MS. Techniques and applications. Chemical Geology, 2014, 384, 149-167.	3.3	40
11	U-Pb zircon age constraints on the earliest eruptions of the Deccan Large Igneous Province, Malwa Plateau, India. Earth and Planetary Science Letters, 2020, 540, 116249.	4.4	40
12	Steinhardtite, a new body-centered-cubic allotropic form of aluminum from the Khatyrka CV3 carbonaceous chondrite. American Mineralogist, 2014, 99, 2433-2436.	1.9	37
13	An evaluation of Deccan Traps eruption rates using geochronologic data. Geochronology, 2021, 3, 181-198.	2.5	37
14	Timing of initial seafloor spreading in the Newfoundland-Iberia rift. Geology, 2017, 45, 527-530.	4.4	35
15	Geologic evidence for an icehouse Earth before the Sturtian global glaciation. Science Advances, 2020, 6, eaay6647.	10.3	25
16	High-resolution temporal and stratigraphic record of Siletzia's accretion and triple junction migration from nonmarine sedimentary basins in central and western Washington. Bulletin of the Geological Society of America, 2016, 128, 425-441.	3.3	23
17	Half a million years of magmatic history recorded in a K-feldspar megacryst of the Tuolumne Intrusive Complex, California, USA. Geology, 2020, 48, 400-404.	4.4	22
18	<scp>GHR</scp> 1 Zircon – A New Eocene Natural Reference Material for Microbeam Uâ€₽b Geochronology and Hf Isotopic Analysis of Zircon. Geostandards and Geoanalytical Research, 2019, 43, 113-132.	3.1	18

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#	Article	IF	CITATIONS
19	Transient rhyolite melt extraction to produce a shallow granitic pluton. Science Advances, 2021, 7, .	10.3	14
20	Age and volcanic stratigraphy of the Eocene Siletzia oceanic plateau in Washington and on Vancouver Island. Lithosphere, 0, , L650.1.	1.4	12
21	Constraints on the timescales and processes that led to high-SiO2 rhyolite production in the Searchlight pluton, Nevada, USA. , 2022, 18, 1000-1019.		10
22	Stratigraphy, age, and provenance of the Eocene Chumstick basin, Washington Cascades; implications for paleogeography, regional tectonics, and development of strike-slip basins. Bulletin of the Geological Society of America, 0, , .	3.3	2
23	Eocene Basalt of Summit Creek: Slab breakoff magmatism in the central Washington Cascades, USA. Lithosphere, 0, , .	1.4	2
24	Astronomically forced hydrology of the Late Cretaceous sub-tropical PotosÃ-Basin, Bolivia. Bulletin of the Geological Society of America, 2020, 132, 1931-1952.	3.3	0
25	Stratigraphy, age, and provenance of the Eocene Chumstick basin, Washington Cascades; implications for paleogeography, regional tectonics, and development of strike-slip basins: Reply. Bulletin of the Geological Society of America, 0, , .	3.3	0