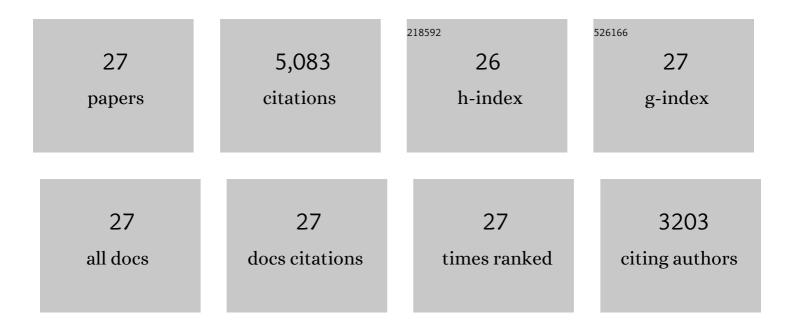
## Nathan Bridges

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Coarse Sediment Transport in the Modern Martian Environment. Journal of Geophysical Research E: Planets, 2018, 123, 1380-1394.	1.5	44
2	Compositional variations in sands of the Bagnold Dunes, Gale crater, Mars, from visibleâ€shortwave infrared spectroscopy and comparison with ground truth from the Curiosity rover. Journal of Geophysical Research E: Planets, 2017, 122, 2489-2509.	1.5	64
3	Martian aeolian activity at the Bagnold Dunes, Gale Crater: The view from the surface and orbit. Journal of Geophysical Research E: Planets, 2017, 122, 2077-2110.	1.5	77
4	Chemistry, mineralogy, and grain properties at Namib and High dunes, Bagnold dune field, Gale crater, Mars: A synthesis of Curiosity rover observations. Journal of Geophysical Research E: Planets, 2017, 122, 2510-2543.	1.5	95
5	Sedimentary processes of the Bagnold Dunes: Implications for the eolian rock record of Mars. Journal of Geophysical Research E: Planets, 2017, 122, 2544-2573.	1.5	83
6	Geochemistry of the Bagnold dune field as observed by ChemCam and comparison with other aeolian deposits at Gale Crater. Journal of Geophysical Research E: Planets, 2017, 122, 2144-2162.	1.5	46
7	Large wind ripples on Mars: A record of atmospheric evolution. Science, 2016, 353, 55-58.	6.0	144
8	ChemCam activities and discoveries during the nominal mission of the Mars Science Laboratory in Gale crater, Mars. Journal of Analytical Atomic Spectrometry, 2016, 31, 863-889.	1.6	134
9	Threshold for sand mobility on Mars calibrated from seasonal variations of sand flux. Nature Communications, 2014, 5, 5096.	5.8	86
10	Volatile and Organic Compositions of Sedimentary Rocks in Yellowknife Bay, Gale Crater, Mars. Science, 2014, 343, 1245267.	6.0	323
11	A Habitable Fluvio-Lacustrine Environment at Yellowknife Bay, Gale Crater, Mars. Science, 2014, 343, 1242777.	6.0	687
12	Mineralogy of a Mudstone at Yellowknife Bay, Gale Crater, Mars. Science, 2014, 343, 1243480.	6.0	508
13	Elemental Geochemistry of Sedimentary Rocks at Yellowknife Bay, Gale Crater, Mars. Science, 2014, 343, 1244734.	6.0	246
14	The rock abrasion record at Gale Crater: Mars Science Laboratory results from Bradbury Landing to Rocknest. Journal of Geophysical Research E: Planets, 2014, 119, 1374-1389.	1.5	46
15	Bedform migration on Mars: Current results and future plans. Aeolian Research, 2013, 9, 133-151.	1.1	76
16	X-ray Diffraction Results from Mars Science Laboratory: Mineralogy of Rocknest at Gale Crater. Science, 2013, 341, 1238932.	6.0	327
17	Volatile, Isotope, and Organic Analysis of Martian Fines with the Mars Curiosity Rover. Science, 2013, 341, 1238937.	6.0	367
18	Martian Fluvial Conglomerates at Gale Crater. Science, 2013, 340, 1068-1072.	6.0	326

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#	Article	IF	CITATIONS
19	The Petrochemistry of Jake_M: A Martian Mugearite. Science, 2013, 341, 1239463.	6.0	134
20	Estimating rock compressive strength from Rock Abrasion Tool (RAT) grinds. Journal of Geophysical Research E: Planets, 2013, 118, 1233-1244.	1.5	27
21	Planet-wide sand motion on Mars. Geology, 2012, 40, 31-34.	2.0	136
22	The ChemCam Instrument Suite on the Mars Science Laboratory (MSL) Rover: Body Unit and Combined System Tests. Space Science Reviews, 2012, 170, 167-227.	3.7	429
23	Earth-like sand fluxes on Mars. Nature, 2012, 485, 339-342.	13.7	219
24	Seasonal Erosion and Restoration of Mars' Northern Polar Dunes. Science, 2011, 331, 575-578.	6.0	205
25	Ripple migration and dune activity on Mars: Evidence for dynamic wind processes. Geophysical Research Letters, 2010, 37, .	1.5	150
26	Rock abrasion features in the Columbia Hills, Mars. Journal of Geophysical Research, 2008, 113, .	3.3	26