

# Kevin M Cannon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1074356/publications.pdf>

Version: 2024-02-01

14  
papers

407  
citations

759233

12  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mars global simulant MGS-1: A Rocknest-based open standard for basaltic martian regolith simulants. <i>Icarus</i> , 2019, 317, 470-478.	2.5	106
2	Spectral properties of Martian and other planetary glasses and their detection in remotely sensed data. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 249-268.	3.6	43
3	Preserved glass-rich impactites on Mars. <i>Geology</i> , 2015, 43, 635-638.	4.4	42
4	Primordial clays on Mars formed beneath a steam or supercritical atmosphere. <i>Nature</i> , 2017, 552, 88-91.	27.8	36
5	Feeding One Million People on Mars. <i>New Space</i> , 2019, 7, 245-254.	0.8	35
6	Simulated asteroid materials based on carbonaceous chondrite mineralogies. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2067-2082.	1.6	28
7	Evidence for a widespread basaltic breccia component in the martian low-albedo regions from the reflectance spectrum of Northwest Africa 7034. <i>Icarus</i> , 2015, 252, 150-153.	2.5	23
8	Shergottite Northwest Africa 6963: A Pyroxene-Cumulate Martian Gabbro. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1823-1841.	3.6	20
9	Measuring the fidelity of asteroid regolith and cobble simulants. <i>Icarus</i> , 2019, 321, 632-646.	2.5	19
10	Alteration of immature sedimentary rocks on Earth and Mars: Recording aqueous and surface-atmosphere processes. <i>Earth and Planetary Science Letters</i> , 2015, 417, 78-86.	4.4	18
11	Review of space resources processing for Mars missions: Martian simulants, regolith bonding concepts and additive manufacturing. <i>Open Ceramics</i> , 2022, 9, 100216.	2.0	18
12	Multimodal x-ray and electron microscopy of the Allende meteorite. <i>Science Advances</i> , 2019, 5, eaax3009.	10.3	17
13	SQUARREL: Scattering Quotient Analysis to Retrieve the Ratio of Elements in X-ray Ptychography. <i>Microscopy and Microanalysis</i> , 2019, 25, 112-113.	0.4	2
14	Ice Prospecting on the Moon at Mining Scales. , 2021, , .		0