

# Clark R Chapman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1655526/publications.pdf>

Version: 2024-02-01

12  
papers

1,221  
citations

759233

12  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

907  
citing authors

#	ARTICLE	IF	CITATIONS
1	The MESSENGER mission to Mercury: scientific objectives and implementation. <i>Planetary and Space Science</i> , 2001, 49, 1445-1465.	1.7	361
2	The distribution and origin of smooth plains on Mercury. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 891-907.	3.6	193
3	Global resurfacing of Mercury 4.0–4.1 billion years ago by heavy bombardment and volcanism. <i>Nature</i> , 2013, 499, 59-61.	27.8	154
4	Mercury's Weather-Beaten Surface: Understanding Mercury in the Context of Lunar and Asteroidal Space Weathering Studies. <i>Space Science Reviews</i> , 2014, 181, 121-214.	8.1	108
5	Widespread effusive volcanism on Mercury likely ended by about 3.5 Ga. <i>Geophysical Research Letters</i> , 2016, 43, 7408-7416.	4.0	98
6	Caloris impact basin: Exterior geomorphology, stratigraphy, morphometry, radial sculpture, and smooth plains deposits. <i>Earth and Planetary Science Letters</i> , 2009, 285, 297-308.	4.4	84
7	Mercury crater statistics from MESSENGER flybys: Implications for stratigraphy and resurfacing history. <i>Planetary and Space Science</i> , 2011, 59, 1960-1967.	1.7	64
8	Duration of activity on lobate scarp thrust faults on Mercury. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1751-1762.	3.6	41
9	Comparisons of fresh complex impact craters on Mercury and the Moon: Implications for controlling factors in impact excavation processes. <i>Icarus</i> , 2014, 228, 260-275.	2.5	34
10	Revised constraints on absolute age limits for Mercury's Kuiperian and Mansurian stratigraphic systems. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 1010-1020.	3.6	34
11	Recent tectonic activity on Mercury revealed by small thrust fault scarps. <i>Nature Geoscience</i> , 2016, 9, 743-747.	12.9	31
12	A morphological evaluation of crater degradation on Mercury: Revisiting crater classification with MESSENGER data. <i>Icarus</i> , 2020, 341, 113637.	2.5	19