

# Jakob Deller

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

948  
citations

471509

17  
h-index

477307

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2139-2154.	4.4	9
2	Pronounced morphological changes in a southern active zone on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A8.	5.1	7
3	Phase-curve analysis of comet 67P/Churyumov-Gerasimenko at small phase angles. Astronomy and Astrophysics, 2019, 630, A11.	5.1	1
4	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. Astronomy and Astrophysics, 2019, 630, A13.	5.1	15
5	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A15.	5.1	4
6	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	5.1	18
7	The phase function and density of the dust observed at comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2835-2839.	4.4	20
8	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumov-Gerasimenko. Icarus, 2018, 311, 1-22.	2.5	21
9	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. Astronomy and Astrophysics, 2018, 611, A33.	5.1	40
10	Exposed bright features on the comet 67P/Churyumov-Gerasimenko: distribution and evolution. Astronomy and Astrophysics, 2018, 613, A36.	5.1	15
11	DISCUS - The Deep Interior Scanning CubeSat mission to a rubble pile near-Earth asteroid. Advances in Space Research, 2018, 62, 3357-3368.	2.6	14
12	Distance determination method of dust particles using Rosetta OSIRIS NAC and WAC data. Planetary and Space Science, 2017, 143, 256-264.	1.7	8
13	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. Science, 2017, 355, 1392-1395.	12.6	63
14	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. Nature Astronomy, 2017, 1, .	10.1	100
15	Seasonal mass transfer on the nucleus of comet 67P/Chuyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S357-S371.	4.4	111
16	Dust mass distribution around comet 67P/Churyumov-Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. Monthly Notices of the Royal Astronomical Society, 2017, 469, S276-S284.	4.4	43
17	Thermal modelling of water activity on comet 67P/Churyumov-Gerasimenko with global dust mantle and plural dust-to-ice ratio. Monthly Notices of the Royal Astronomical Society, 2017, 469, S295-S311.	4.4	39
18	Characterization of dust aggregates in the vicinity of the Rosetta spacecraft. Monthly Notices of the Royal Astronomical Society, 2017, 469, S312-S320.	4.4	12

#	ARTICLE	IF	CITATIONS
19	Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumov-Gerasimenko using OSIRIS images. Monthly Notices of the Royal Astronomical Society, 2017, 469, S238-S251.	4.4	8
20	The pebbles/boulders size distributions on Sais: Rosetta's final landing site on comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S636-S645.	4.4	40
21	A three-dimensional modelling of the layered structure of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S741-S754.	4.4	22
22	Impacts on Rubble Pile Asteroid Åteins. Springer Theses, 2017, , 91-128.	0.1	2
23	A New Approach to Modelling Impacts on Rubble Pile Asteroid Simulants. Springer Theses, 2017, , 69-90.	0.1	0
24	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders $\geq 7$ m. Astronomy and Astrophysics, 2016, 592, L2.	5.1	27
25	Gas outflow and dust transport of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S533-S546.	4.4	34
26	Rosetta's comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. Science, 2016, 354, 1566-1570.	12.6	97
27	The Agilkia boulders/pebbles size-frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. Monthly Notices of the Royal Astronomical Society, 2016, 462, S242-S252.	4.4	15
28	Geomorphological mapping of comet 67P/Churyumov-Gerasimenko's Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	4.4	23
29	Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. Geophysical Research Letters, 2015, 42, 5170-5178.	4.0	71
30	The quest for companions to post-common envelope binaries. Astronomy and Astrophysics, 2012, 543, A138.	5.1	63
31	The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	6