

Joerg Knollenberg

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,021
citations

516710

16
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	12.6	366
2	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	12.6	259
3	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. <i>Icarus</i> , 2016, 277, 257-278.	2.5	252
4	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A34.	5.1	173
5	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A26.	5.1	153
6	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A17.	5.1	149
7	Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 587, A14.	5.1	102
8	Rosettaâ€™s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. <i>Science</i> , 2016, 354, 1566-1570.	12.6	97
9	Fractures on comet 67P/Churyumovâ€™Gerasimenko observed by Rosetta/OSIRIS. <i>Geophysical Research Letters</i> , 2015, 42, 5170-5178.	4.0	71
10	Scientific assessment of the quality of OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A46.	5.1	67
11	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. <i>Science</i> , 2017, 355, 1392-1395.	12.6	63
12	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A36.	5.1	60
13	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A35.	5.1	59
14	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. <i>Astronomy and Astrophysics</i> , 2016, 586, A7.	5.1	55
15	Tensile strength of 67P/Churyumovâ€™Gerasimenko nucleus material from overhangs. <i>Astronomy and Astrophysics</i> , 2018, 611, A33.	5.1	40
16	Regional unit definition for the nucleus of comet 67P/Churyumov-Gerasimenko on the SHAP7 model. <i>Planetary and Space Science</i> , 2018, 164, 19-36.	1.7	32
17	Exposed bright features on the comet 67P/Churyumovâ€™Gerasimenko: distribution and evolution. <i>Astronomy and Astrophysics</i> , 2018, 613, A36.	5.1	15
18	Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumovâ€™Gerasimenko using OSIRIS images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S238-S251.	4.4	8