

# Lynnae C Quick

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

870  
citations

516710

16  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypotheses for Triton's plumes: New analyses and future remote sensing tests. <i>Icarus</i> , 2022, 375, 114835.	2.5	6
2	Cryovolcanism. , 2022, , 161-234.		3
3	Concepts for the Future Exploration of Dwarf Planet Ceresâ€™ Habitability. <i>Planetary Science Journal</i> , 2022, 3, 41.	3.6	9
4	Science Drivers for the Future Exploration of Ceres: From Solar System Evolution to Ocean World Science. <i>Planetary Science Journal</i> , 2022, 3, 64.	3.6	4
5	Cryolava Dome growth resulting from active eruptions on Jupiter's moon Europa. <i>Icarus</i> , 2022, 387, 115185.	2.5	10
6	The Fundamental Connections between the Solar System and Exoplanetary Science. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006643.	3.6	15
7	Exploration Strategy for the Outer Planets 2023â€™2032: Goals and Priorities. , 2021, 53, .		3
8	Triton: Fascinating Moon, Likely Ocean World, Compelling Destination!. <i>Planetary Science Journal</i> , 2021, 2, 137.	3.6	15
9	Science Goals and Objectives for the Dragonfly Titan Rotorcraft Relocatable Lander. <i>Planetary Science Journal</i> , 2021, 2, 130.	3.6	80
10	Neptune Odyssey: A Flagship Concept for the Exploration of the Neptuneâ€™Triton System. <i>Planetary Science Journal</i> , 2021, 2, 184.	3.6	11
11	Seismicity on tidally active solid-surface worlds. <i>Icarus</i> , 2020, 338, 113466.	2.5	20
12	Ceres: Astrobiological Target and Possible Ocean World. <i>Astrobiology</i> , 2020, 20, 269-291.	3.0	43
13	The varied sources of faculae-forming brines in Ceresâ€™ Occator crater emplaced via hydrothermal brine effusion. <i>Nature Communications</i> , 2020, 11, 3680.	12.8	41
14	Impact-driven mobilization of deep crustal brines on dwarf planet Ceres. <i>Nature Astronomy</i> , 2020, 4, 741-747.	10.1	50
15	Forecasting Rates of Volcanic Activity on Terrestrial Exoplanets and Implications for Cryovolcanic Activity on Extrasolar Ocean Worlds. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 084402.	3.1	19
16	Characterizing deposits emplaced by cryovolcanic plumes on Europa. <i>Icarus</i> , 2020, 343, 113667.	2.5	20
17	A Possible Brine Reservoir Beneath Occator Crater: Thermal and Compositional Evolution and Formation of the Cerealia Dome and Vinalia Faculae. <i>Icarus</i> , 2019, 320, 119-135.	2.5	55
18	Tectonic analysis of fracturing associated with occator crater. <i>Icarus</i> , 2019, 320, 49-59.	2.5	21

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19	The central pit and dome at Cerealia Facula bright deposit and floor deposits in Occator crater, Ceres: Morphology, comparisons and formation. <i>Icarus</i> , 2019, 320, 159-187.	2.5	28
20	Slurry extrusion on Ceres from a convective mud-bearing mantle. <i>Nature Geoscience</i> , 2019, 12, 505-509.	12.9	42
21	A Global Inventory of Ice-Related Morphological Features on Dwarf Planet Ceres: Implications for the Evolution and Current State of the Cryosphere. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1650-1689.	3.6	33
22	Synthesis of the special issue: The formation and evolution of Ceres's Occator crater. <i>Icarus</i> , 2019, 320, 213-225.	2.5	17
23	Ahuna Mons lonely no more. <i>Nature Astronomy</i> , 2018, 2, 940-941.	10.1	0
24	Floor-Fractured Craters on Ceres and Implications for Interior Processes. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 3188-3204.	3.6	13
25	Cryovolcanic emplacement of domes on Europa. <i>Icarus</i> , 2017, 284, 477-488.	2.5	47
26	Heat transfer of ascending cryomagma on Europa. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 319, 66-77.	2.1	29
27	Cryovolcanism on Ceres. <i>Science</i> , 2016, 353, .	12.6	164
28	New approaches to inferences for steep-sided domes on Venus. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 319, 93-105.	2.1	14
29	Constraining the thickness of Europa's water-ice shell: Insights from tidal dissipation and conductive cooling. <i>Icarus</i> , 2015, 253, 16-24.	2.5	23
30	Constraints on the detection of cryovolcanic plumes on Europa. <i>Planetary and Space Science</i> , 2013, 86, 1-9.	1.7	34