

# Juulia Gabrielle Moreau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3082059/publications.pdf>

Version: 2024-02-01

7  
papers

77  
citations

1684188  
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docs citations

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times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shock-darkening in ordinary chondrites: Determination of the pressure-temperature conditions by shock physics mesoscale modeling. <i>Meteoritics and Planetary Science</i> , 2017, 52, 2375-2390.	1.6	19
2	Melting efficiency of troilite-iron assemblages in shock-darkening: Insight from numerical modeling. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 282, 25-38.	1.9	17
3	Experimental constraints on the ordinary chondrite shock darkening caused by asteroid collisions. <i>Astronomy and Astrophysics</i> , 2020, 639, A146.	5.1	13
4	Shock physics mesoscale modeling of shock stage 5 and 6 in ordinary and enstatite chondrites. <i>Icarus</i> , 2019, 332, 50-65.	2.5	12
5	Heat diffusion in numerically shocked ordinary chondrites and its contribution to shock melting. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 310, 106630.	1.9	7
6	A shock recovery experiment and its implications for Mercury's surface: The effect of high pressure on porous olivine powder as a regolith analog. <i>Icarus</i> , 2021, 357, 114162.	2.5	5
7	Bulk synthesis of stoichiometric/meteoritic troilite (FeS) by high-temperature pyrite decomposition and pyrrhotite melting. <i>Meteoritics and Planetary Science</i> , 2022, 57, 588-602.	1.6	4