# JÃ¶rg Fritz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5426770/publications.pdf

Version: 2024-02-01

| 12 | 557 | 840776 11 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 633 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ejection of Martian meteorites. Meteoritics and Planetary Science, 2005, 40, 1393-1411. | 1.6 | 209 |
| 2 | Revising the shock classification of meteorites. Meteoritics and Planetary Science, 2017, 52, 1216-1232. | 1.6 | 99 |
| 3 | High-pressure phases in an ultramafic rock from Mars. Earth and Planetary Science Letters, 2009, 288, 619-623. | 4.4 | 43 |
| 4 | Shock experiments in support of the Lithopanspermia theory: The influence of host rock composition, temperature, and shock pressure on the survival rate of endolithic and epilithic microorganisms. Meteoritics and Planetary Science, 2011, 46, 701-718. | 1.6 | 33 |
| 5 | Donwilhelmsite, [CaAl4Si2O11], a new lunar high-pressure Ca-Al-silicate with relevance for subducted terrestrial sediments. American Mineralogist, 2020, 105, 1704-1711. | 1.9 | 33 |
| 6 | On the formation of diaplectic glass: Shock and thermal experiments with plagioclase of different chemical compositions. Meteoritics and Planetary Science, 2019, 54, 1533-1547. | 1.6 | 28 |
| 7 | Shear-induced ringwoodite formation in the Martian shergottite Dar al Gani 670. Earth and Planetary Science Letters, 2013, 375, 383-394. | 4.4 | 27 |
| 8 | Shockâ€induced deformation phenomena in magnetite and their consequences on magnetic properties. Geochemistry, Geophysics, Geosystems, 2016, 17, 2374-2393. | 2.5 | 26 |
| 9 | Shock experiments up to 30â€‰GPa and their consequences on microstructures and magnetic properties in pyrrhotite. Geochemistry, Geophysics, Geosystems, 2013, 14, 64-85. | 2.5 | 20 |
| 10 | Discovery of extraterrestrial component carrier phases in Archean spherule layers: Implications for estimation of Archean bolide sizes. Geology, 2015, 43, 299-302. | 4.4 | 17 |
| 11 | Nondestructive spectroscopic and petrochemical investigations of Paleoarchean spherule layers from the <scp>ICDP</scp> drill core <scp>BARB</scp>5, Barberton Mountain Land, SouthÂAfrica. Meteoritics and Planetary Science, 2016, 51, 2441-2458. | 1.6 | 14 |
| 12 | Partial amorphization of experimentally shocked plagioclase: A spectroscopic study. Meteoritics and Planetary Science, 2020, 55, 669-678. | 1.6 | 8 |