Coenraad Pieter de Koning

List of Publications by Year
in descending order

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Version: 2024-02-01

13 papers	86 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	38 citing authors

#	Article	IF	Citations
1	Improved limit of detection of a high-resolution fs-LIMS instrument through mass-selective beam blanking. International Journal of Mass Spectrometry, 2022, 474, 116803.	1.5	1
2	Multiwavelength Ablation/Ionization and Mass Spectrometric Analysis of 1.88 Ga Gunflint Chert. Astrobiology, 2022, 22, 369-386.	3.0	4
3	Toward Detecting Polycyclic Aromatic Hydrocarbons on Planetary Objects with ORIGIN. Planetary Science Journal, 2022, 3, 43.	3.6	5
4	High Mass Resolution fs-LIMS Imaging and Manifold Learning Reveal Insight Into Chemical Diversity of the 1.88ÂGa Gunflint Chert. Frontiers in Space Technologies, 2022, 3, .	1.4	1
5	The ORIGIN Space Instrument for Detecting Biosignatures and Habitability Indicators on a Venus Life Finder Mission. Aerospace, 2022, 9, 312.	2.2	8
6	Determination of the microscopic mineralogy of inclusion in an amygdaloidal pillow basalt by fs-LIMS. Journal of Analytical Atomic Spectrometry, 2021, 36, 80-91.	3.0	7
7	Current Progress in Femtosecond Laser Ablation/Ionisation Time-of-Flight Mass Spectrometry. Applied Sciences (Switzerland), 2021, 11, 2562.	2.5	16
8	Detecting the elemental and molecular signatures of life: Laser-based mass spectrometry technologies. , 2021, 53, .		3
9	Improved plasma stoichiometry recorded by laser ablation ionization mass spectrometry using a doubleâ€pulse femtosecond laser ablation ion source. Rapid Communications in Mass Spectrometry, 2021, 35, e9094.	1.5	4
10	Quantitative elemental analysis with the LMS-GT; a next-generation LIMS-TOF instrument. International Journal of Mass Spectrometry, 2021, 470, 116662.	1.5	4
11	On Topological Analysis of fs-LIMS Data. Implications for in Situ Planetary Mass Spectrometry. Frontiers in Artificial Intelligence, 2021, 4, 668163.	3.4	7
12	Isotope abundance ratio measurements using femtosecond laser ablation ionization mass spectrometry. Journal of Mass Spectrometry, 2020, 55, e4660.	1.6	10
13	UV postâ€ionization laser ablation ionization mass spectrometry for improved nmâ€depth profiling resolution on Cr/Ni reference standard. Rapid Communications in Mass Spectrometry, 2020, 34, e8803.	1.5	16