

Coenraad Pieter de Koning

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3612229/publications.pdf>

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