

Jānos Kodolāņņi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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623734

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all docs

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docs citations

21
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-60 in the Early Solar System Revisited: Insights from In Situ Isotope Analysis of Chondritic Troilite. <i>Astrophysical Journal</i> , 2022, 929, 107.	4.5	7
2	Isotope Systematics of Presolar Silicate Grains: New Insights from Magnesium and Silicon. <i>Astrophysical Journal</i> , 2021, 913, 10.	4.5	17
3	The presolar grain inventory of fine-grained chondrule rims in the Mighei type (<sc>CM</sc>) chondrites. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1176-1206.	1.6	20
4	NanoSIMS isotope studies of rare types of presolar silicon carbide grains from the Murchison meteorite: Implications for supernova models and the role of ¹⁴ C. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 221, 182-199.	3.9	21
5	Structural Investigation of Silicon Carbide X Grains: Constraints on Condensation in Supernova Ejecta. <i>Astrophysical Journal</i> , 2018, 868, 34.	4.5	4
6	New Insights into the Galactic Chemical Evolution of Magnesium and Silicon Isotopes from Studies of Silicate Stardust. <i>Astrophysical Journal</i> , 2018, 869, 47.	4.5	10
7	From ocean to mantle: new evidence for U-cycling with implications for the HIMU source and the secular Pb isotope evolution of Earth's mantle. <i>Lithos</i> , 2018, 316-317, 66-76.	1.4	18
8	Iron and nickel isotope compositions of presolar silicon carbide grains from supernovae. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 221, 127-144.	3.9	11
9	The stardust abundance in the local interstellar cloud at the birth of the Solar System. <i>Nature Astronomy</i> , 2017, 1, 617-620.	10.1	25
10	Isotopes in cosmochemistry: recipe for a Solar System. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 841-862.	3.0	14
11	NEW CONSTRAINTS ON THE ABUNDANCES OF SILICATE AND OXIDE STARDUST FROM SUPERNOVAE IN THE ACFER 094 METEORITE. <i>Astrophysical Journal Letters</i> , 2015, 808, L9.	8.3	26
12	The Mg isotope composition of presolar silicate grains from red giant stars. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 140, 577-605.	3.9	13
13	LABORATORY ANALYSIS OF PRESOLAR SILICATE STARDUST FROM A NOVA. <i>Astrophysical Journal Letters</i> , 2012, 754, L41.	8.3	21
14	Geochemistry of Ocean Floor and Fore-arc Serpentinites: Constraints on the Ultramafic Input to Subduction Zones. <i>Journal of Petrology</i> , 2012, 53, 235-270.	2.8	232
15	Loss of trace elements from serpentinites during fluid-assisted transformation of chrysotile to antigorite – An example from Guatemala. <i>Chemical Geology</i> , 2011, 284, 351-362.	3.3	73
16	A promising method to obtain accurate Mg and Fe isotope compositional data on presolar silicate particles found in the primitive carbonaceous chondrite Acfer 094. , 2011, , .		2
17	The behaviour of tungsten during mantle melting revisited with implications for planetary differentiation time scales. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1448-1470.	3.9	75
18	U–Pb dating of calcite–aragonite layers in speleothems from hominin sites in South Africa by MC-ICP-MS. <i>Quaternary Geochronology</i> , 2010, 5, 544-558.	1.4	56

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19	Primary carbonatite melt inclusions in apatite and in K-feldspar of clinopyroxene-rich mantle xenoliths hosted in lamprophyre dikes (Hungary). <i>Mineralogy and Petrology</i> , 2008, 94, 225-242.	1.1	23
20	LA-ICP-MS study of apatite- and K feldspar-hosted primary carbonatite melt inclusions in clinopyroxenite xenoliths from lamprophyres, Hungary: Implications for significance of carbonatite melts in the Earth's mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1864-1886.	3.9	35