

OndÅej Å rÃ;mek

List of Publications by Year in descending order

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papers

807
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567281

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26
all docs

26
docs citations

26
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Geoneutrinos: Seeing the Earth With Particle Physics. , 2021, , 258-269.		0
2	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
3	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
4	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
5	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
6	Primordial Radioactivity and Prebiotic Chemical Evolution: Effect of $\hat{1}^3$ Radiation on Formamide-Based Synthesis. Journal of Physical Chemistry B, 2020, 124, 8951-8959.	2.6	5
7	Radiogenic Power and Geoneutrino Luminosity of the Earth and Other Terrestrial Bodies Through Time. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008865.	2.5	14
8	Minimum heat flow from the core and thermal evolution of the Earth. Physics of the Earth and Planetary Interiors, 2020, 305, 106457.	1.9	9
9	Reference Models for Lithospheric Geoneutrino Signal. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018433.	3.4	13
10	Earth's chondritic Th/U: Negligible fractionation during accretion, core formation, and crust-mantle differentiation. Earth and Planetary Science Letters, 2018, 498, 196-202.	4.4	37
11	Physics prospects of the Jinping neutrino experiment. Chinese Physics C, 2017, 41, 023002.	3.7	74
12	Subterranean production of neutrons, ^{39}Ar and ^{21}Ne : Rates and uncertainties. Geochimica Et Cosmochimica Acta, 2017, 196, 370-387.	3.9	25
13	Revealing the Earth's mantle from the tallest mountains using the Jinping Neutrino Experiment. Scientific Reports, 2016, 6, 33034.	3.3	23
14	Geo-neutrinos and Earth Models. Physics Procedia, 2015, 61, 310-318.	1.2	27
15	Neutrino geoscience, news in brief. Environmental Earth Sciences, 2014, 71, 3787-3791.	2.7	6
16	Geophysical and geochemical constraints on geoneutrino fluxes from Earth's mantle. Earth and Planetary Science Letters, 2013, 361, 356-366.	4.4	88
17	Geoneutrinos. Advances in High Energy Physics, 2012, 2012, 1-34.	1.1	10
18	Martian crustal dichotomy and Tharsis formation by partial melting coupled to early plume migration. Journal of Geophysical Research, 2012, 117, .	3.3	38

#	ARTICLE	IF	CITATIONS
19	Thermal evolution and differentiation of planetesimals and planetary embryos. <i>Icarus</i> , 2012, 217, 339-354.	2.5	84
20	Compositional and thermal equilibration of particles, drops, and diapirs in geophysical flows. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	18
21	Geological evidence for a migrating Tharsis plume on early Mars. <i>Earth and Planetary Science Letters</i> , 2011, 310, 327-333.	4.4	23
22	A multiphase model of core formation. <i>Geophysical Journal International</i> , 2010, 181, 198-220.	2.4	38
23	Long-wavelength stagnant lid convection with hemispheric variation in lithospheric thickness: Link between Martian crustal dichotomy and Tharsis?. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
24	A multi-phase model of runaway core-mantle segregation in planetary embryos. <i>Earth and Planetary Science Letters</i> , 2009, 284, 144-150.	4.4	105
25	Simultaneous melting and compaction in deformable two-phase media. <i>Geophysical Journal International</i> , 2007, 168, 964-982.	2.4	66