

Javier Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,348
citations

218677

26
h-index

243625

44
g-index

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all docs

99
docs citations

99
times ranked

2233
citing authors

#	ARTICLE	IF	CITATIONS
1	Nephro-urological outcomes of a proactive management of children with spina bifida in their first 5 Years of life. <i>Journal of Pediatric Urology</i> , 2022, 18, 181.e1-181.e7.	1.1	3
2	The thermal structure and mechanical behavior of the martian lithosphere. <i>Icarus</i> , 2021, 353, 113635.	2.5	3
3	Stock market bubbles and monetary policy effectiveness. <i>European Journal of Finance</i> , 2021, 27, 963-975.	3.1	6
4	Subsurface Geometry and Emplacement Conditions of a Giant Dike System in Elysium Fossae, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, .	3.6	7
5	Regional heat flow and subsurface temperature patterns at Elysium Planitia and Oxia Planum areas, Mars. <i>Icarus</i> , 2021, 353, 113379.	2.5	7
6	Accounting information systems in the blockchain era. <i>International Journal of Intellectual Property Management</i> , 2021, 11, 63.	0.3	19
7	Global distribution of <i>IRC7</i> alleles in <i>Saccharomyces cerevisiae</i> populations: a genomic and phenotypic survey within the wine clade. <i>Environmental Microbiology</i> , 2021, 23, 3182-3195.	3.8	8
8	Epstein-Barr virus associated smooth muscle tumour as an unusual cause of ureteric graft obstruction in a child. <i>Pediatric Transplantation</i> , 2021, 25, e14109.	1.0	1
9	Fast-running theropods tracks from the Early Cretaceous of La Rioja, Spain. <i>Scientific Reports</i> , 2021, 11, 23095.	3.3	6
10	3D modeling of planetary lobate scarps: The case of Ogygis Rupes, Mars. <i>Earth and Planetary Science Letters</i> , 2020, 532, 116004.	4.4	10
11	Effects on varietal aromas during wine making: a review of the impact of varietal aromas on the flavor of wine. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7425-7450.	3.6	112
12	Occurrence and enological properties of two new non-conventional yeasts (<i>Nakazawaea ishiwadae</i>) 2019, 305, 108255.	4.7	29
13	Evidence of thrust faulting and widespread contraction of Ceres. <i>Nature Astronomy</i> , 2019, 3, 916-921.	10.1	5
14	Looking at the Origin: Some Insights into the General and Fermentative Microbiota of Vineyard Soils. <i>Fermentation</i> , 2019, 5, 78.	3.0	11
15	Comments on "Using the viscoelastic relaxation of large impact craters to study the thermal history of Mars" (Karimi et al., 2016, <i>Icarus</i> 272, 102-113) and "Studying lower crustal flow beneath mead basin: Implications for the thermal history and rheology of Venus" (Karimi and Dombard, 2017, <i>Icarus</i> 282,) 2019, 319, 367-380.	2.5	4
16	Structural modeling of lobate scarps in the NW margin of Argyre impact basin, Mars. <i>Icarus</i> , 2019, 319, 367-380.	2.5	8
17	Application of Non-Saccharomyces Yeasts in Wine Production. , 2019, , 75-89.		3
18	Heat flow in Triton: Implications for heat sources powering recent geologic activity. <i>Planetary and Space Science</i> , 2018, 160, 19-25.	1.7	5

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19	A spatially explicit analysis of <i>Paysandisia archon</i> attack on the endemic Mediterranean dwarf palm. <i>Biological Invasions</i> , 2018, 20, 1719-1734.	2.4	4
20	The Chiloé Mw 7.6 earthquake of 2016 December 25 in Southern Chile and its relation to the Mw 9.5 1960 Valdivia earthquake. <i>Geophysical Journal International</i> , 2018, 213, 210-221.	2.4	18
21	Comments on "A tyrannosaur trackway at Glenrock, Lance Formation (Maastrichtian), Wyoming" (Smith et al., <i>Cretaceous Research</i> , v. 61, pp. 1-4, 2016). <i>Cretaceous Research</i> , 2018, 82, 81-82.	1.4	2
22	Analytical impact of <i>Metschnikowia pulcherrima</i> in the volatile profile of Verdejo white wines. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8501-8509.	3.6	58
23	Heterogeneous structure of the Northern Chile marine forearc and its implications for megathrust earthquakes. <i>Geophysical Journal International</i> , 2018, 215, 1080-1097.	2.4	30
24	Thrust fault modeling and Late-Noachian lithospheric structure of the circum-Hellas region, Mars. <i>Icarus</i> , 2017, 288, 53-68.	2.5	18
25	Wine yeasts identification by MALDI-TOF MS: Optimization of the preanalytical steps and development of an extensible open-source platform for processing and analysis of an in-house MS database. <i>International Journal of Food Microbiology</i> , 2017, 254, 1-10.	4.7	14
26	Heat flow evolution of the Earth from paleomantle temperatures: Evidence for increasing heat loss since ~4.25 Ga. <i>Physics of the Earth and Planetary Interiors</i> , 2017, 269, 165-171.	1.9	4
27	Present-day heat flow model of Mars. <i>Scientific Reports</i> , 2017, 7, 45629.	3.3	50
28	Influence of <i>Torulaspora delbrueckii</i> in varietal thiol (3-SH and 4-MSP) release in wine sequential fermentations. <i>International Journal of Food Microbiology</i> , 2017, 257, 183-191.	4.7	90
29	On the calculation of occlusal bite pressures for fossil hominins. <i>Journal of Human Evolution</i> , 2017, 102, 67-71.	2.6	1
30	Microbial Contribution to Wine Aroma and Its Intended Use for Wine Quality Improvement. <i>Molecules</i> , 2017, 22, 189.	3.8	205
31	The Biology of <i>Pichia membranifaciens</i> Killer Toxins. <i>Toxins</i> , 2017, 9, 112.	3.4	67
32	Stock Market Bubbles and Monetary Policy Effectiveness. <i>SSRN Electronic Journal</i> , 2016, , .	0.4	0
33	Unraveling the Enzymatic Basis of Wine "Flavorome": A Phylo-Functional Study of Wine Related Yeast Species. <i>Frontiers in Microbiology</i> , 2016, 7, 12.	3.5	98
34	Modeling of Landslides in Valles Marineris, Mars, and Implications for Initiation Mechanism. <i>Earth, Moon and Planets</i> , 2016, 118, 15-26.	0.6	3
35	Timing of chaotic terrain formation in Argadnel Regio, Europa, and implications for geological history. <i>Planetary and Space Science</i> , 2016, 130, 24-29.	1.7	4
36	Selection and use of pectinolytic yeasts for improving clarification and phenolic extraction in winemaking. <i>International Journal of Food Microbiology</i> , 2016, 223, 1-8.	4.7	76

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37	Improvement of aromatic thiol release through the selection of yeasts with increased \hat{I}^2 -lyase activity. International Journal of Food Microbiology, 2016, 225, 1-8.	4.7	49
38	Directed metabolomic approaches for the characterization and development of new yeast strains. BIO Web of Conferences, 2015, 5, 02003.	0.2	0
39	Lithospheric structure of Venus from gravity and topography. Icarus, 2015, 260, 215-231.	2.5	36
40	Risk aversion and monetary policy in a global context. Journal of Financial Stability, 2015, 20, 14-35.	5.2	17
41	Evidence for two stages of compressive deformation in a buried basin of Mercury. Icarus, 2015, 254, 18-23.	2.5	1
42	Response of Spanish stock market to ECB monetary policy during financial crisis. The Spanish Review of Financial Economics, 2015, 13, 41-47.	0.8	9
43	Spatial variations of effective elastic thickness of the lithosphere in Central America and surrounding regions. Earth and Planetary Science Letters, 2014, 391, 55-66.	4.4	29
44	Influence of an insulating megaregolith on heat flow and crustal temperature structure of Mercury. Icarus, 2014, 232, 220-225.	2.5	6
45	The early heat loss evolution of Mars and their implications for internal and environmental history. Scientific Reports, 2014, 4, 4338.	3.3	23
46	Paleo-heat flows, radioactive heat generation, and the cooling and deformation history of Mercury. Icarus, 2013, 225, 86-92.	2.5	2
47	Is Earth-based scaling a valid procedure for calculating heat flows for Mars?. Icarus, 2013, 226, 536-540.	2.5	0
48	Humans Running at Stadiums and Beaches and the Accuracy of Speed Estimations from Fossil Trackways. Ichnos, 2013, 20, 31-35.	0.5	21
49	Heat Flow and Thermal State of the Crust of the Icy Galilean Satellites. Earth, Moon and Planets, 2012, 109, 117-125.	0.6	1
50	The South Pole-Aitken basin region, Moon: GIS-based geologic investigation using Kaguya elemental information. Advances in Space Research, 2012, 50, 1629-1637.	2.6	4
51	The thermal state and strength of the lithosphere in the Spanish Central System and Tajo Basin from crustal heat production and thermal isostasy. Journal of Geodynamics, 2012, 58, 29-37.	1.6	22
52	Liquid sampling-atmospheric pressure glow discharge optical emission spectroscopy detection of laser ablation produced particles: A feasibility study. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2012, 76, 190-196.	2.9	24
53	Structural control of scarps in the Rembrandt region of Mercury. Icarus, 2012, 219, 511-514.	2.5	13
54	Depth of faulting and ancient heat flows in the Kuiper region of Mercury from lobate scarp topography. Planetary and Space Science, 2012, 60, 193-198.	1.7	25

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55	Insolation driven variations of Mercury's lithospheric strength. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	27
56	The hand structure of <i>Carnotaurus sastrei</i> (Theropoda, Abelisauridae): implications for hand diversity and evolution in abelisaurids. <i>Palaeontology</i> , 2011, 54, 1271-1277.	2.2	11
57	The thermal evolution of Mars as constrained by paleo-heat flows. <i>Icarus</i> , 2011, 215, 508-517.	2.5	69
58	Giant impacts and the initiation of plate tectonics on terrestrial planets. <i>Planetary and Space Science</i> , 2011, 59, 749-753.	1.7	33
59	Strong Calcite-Like Spectra Cathodoluminescence Emission from Allende Meteorite Cai Phases. <i>Spectroscopy Letters</i> , 2011, 44, 516-520.	1.0	2
60	Equilibrium Convection on a Tidally Heated and Stressed Icy Shell of Europa for a Composite Water Ice Rheology. <i>Earth, Moon and Planets</i> , 2010, 107, 157-167.	0.6	8
61	Structural evolution of Lavinia Planitia, Venus: Implications for the tectonics of the lowland plains. <i>Icarus</i> , 2010, 206, 210-228.	2.5	14
62	The present-day thermal state of Mars. <i>Icarus</i> , 2010, 207, 631-637.	2.5	19
63	On-Line Laser-Induced Breakdown Spectroscopy Determination of Magnesium Coating Thickness on Electrolytically Galvanized Steel in Motion. <i>Applied Spectroscopy</i> , 2010, 64, 1342-1349.	2.2	14
64	New evidence for a magmatic influence on the origin of Valles Marineris, Mars. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 185, 12-27.	2.1	31
65	Claritas rise, Mars: Pre-Tharsis magmatism?. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 185, 139-156.	2.1	66
66	The very early thermal state of Terra Cimmeria: Implications for magnetic carriers in the crust of Mars. <i>Icarus</i> , 2009, 203, 454-459.	2.5	4
67	GRS evidence and the possibility of paleooceans on Mars. <i>Planetary and Space Science</i> , 2009, 57, 664-684.	1.7	107
68	Intraplate and interplate earthquakes in Chilean subduction zone: A theoretical and observational comparison. <i>Physics of the Earth and Planetary Interiors</i> , 2009, 175, 37-46.	1.9	20
69	Ancient heat flow, crustal thickness, and lithospheric mantle rheology in the Amenthes region, Mars. <i>Earth and Planetary Science Letters</i> , 2008, 270, 1-12.	4.4	41
70	Heat flow and thickness of a convective ice shell on Europa for grain size-dependent rheologies. <i>Icarus</i> , 2007, 190, 145-154.	2.5	10
71	The heat flow during the formation of ribbon terrains on Venus. <i>Planetary and Space Science</i> , 2007, 55, 2063-2070.	1.7	24
72	Thermal Diapirism and the Habitability of the Icy Shell of Europa. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 37, 287-295.	1.9	17

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73	The early thermal and magnetic state of the cratered highlands of Mars. <i>Earth and Planetary Science Letters</i> , 2006, 241, 2-10.	4.4	27
74	Effective elastic thicknesses of the lithosphere in the Central Iberian Peninsula from heat flow: Implications for the rheology of the continental lithospheric mantle. <i>Journal of Geodynamics</i> , 2006, 41, 500-509.	1.6	15
75	Evidence for a differentiated crust in Solis Planum, Mars, from lithospheric strength and heat flow. <i>Icarus</i> , 2006, 180, 308-313.	2.5	20
76	Seas under ice: Stability of liquid-water oceans within icy worlds. <i>Earth, Moon and Planets</i> , 2006, 97, 79-90.	0.6	4
77	The heat flow of Europa. <i>Icarus</i> , 2005, 177, 438-446.	2.5	28
78	Thermal isostasy and deformation of possible paleoshorelines on Mars. <i>Planetary and Space Science</i> , 2004, 52, 1297-1301.	1.7	22
79	Possibility of Convection for Diffusion (Newtonian) Viscosity in the Ice Shell of Europa?. <i>Earth, Moon and Planets</i> , 2003, 93, 281-287.	0.6	4
80	Heat flow, lenticulae spacing, and possibility of convection in the ice shell of europa. <i>Icarus</i> , 2003, 162, 362-373.	2.5	30
81	Episodic flood inundations of the northern plains of Mars. <i>Icarus</i> , 2003, 165, 53-67.	2.5	167
82	Heat flow and depth to a possible internal ocean on Triton. <i>Icarus</i> , 2003, 166, 436-439.	2.5	25
83	Amplitude of heat flow variations on Mars from possible shoreline topography. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	5
84	Nanometric in-depth characterization of P diffusion and TiO ₂ anti-reflective coatings in solar cells by laser ionization time-of-flight mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 779.	3.0	12
85	Ion extraction effects on the in-depth analysis of layered samples by time-of-flight mass spectrometry of laser-induced plasmas. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 929-932.	3.0	6
86	Thermal and mechanical structure of the central Iberian Peninsula lithosphere. <i>Tectonophysics</i> , 2002, 350, 49-62.	2.2	34
87	Tharsis dome, Mars: New evidence for Noachian-Hesperian thick-skin and Amazonian thin-skin tectonics. <i>Journal of Geophysical Research</i> , 2001, 106, 7577-7589.	3.3	39
88	The stability against freezing of an internal liquid-water ocean in Callisto. <i>Nature</i> , 2001, 412, 409-411.	27.8	41
89	Rotational energy transfer in CD(A, v=0) in collisions with Ar. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000, 132, 19-24.	3.9	4
90	Heat flows through the ice lithosphere of Europa. <i>Journal of Geophysical Research</i> , 2000, 105, 29283-29289.	3.3	28

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91	Laser photodissociation of ketene at 230 nm. <i>Chemical Physics</i> , 1998, 232, 353-360.	1.9	12
92	Onset of Convection, Heat Flow and Thickness of the Europa's ice Shell. <i>Earth, Moon and Planets</i> , 1997, 77, 99-104.	0.6	4
93	HCl(B ¹ Σ ⁺) and HBr(B ¹ Σ ⁺) Emission From the Ultraviolet Multiphoton Dissociation of Vinyl Chloride and Bromide. <i>Laser Chemistry</i> , 1996, 16, 207-218.	0.5	3
94	ArF laser dissociation of trisilane. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 101, 1-5.	3.9	3
95	Rotationally Resolved Rate Constant Measurements for Removal of CH(² Π) by Ketene. <i>Laser Chemistry</i> , 1994, 14, 207-216.	0.5	9
96	Structured emission induced by ArF laser excitation of ketene in a molecular beam. <i>Chemical Physics Letters</i> , 1994, 226, 300-304.	2.6	8
97	Unequal \hat{b} -doublet spectral intensities in CH (A ² Π ⁺) emission obtained in the ArF laser multiphoton dissociation of ketene. <i>Chemical Physics Letters</i> , 1993, 202, 179-182.	2.6	10
98	Transmission of the European Central Bank Monetary Policy Across Regional Stocks Markets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0