

# Marcio Guilherme Bronzato de Avellar

## List of Publications by Year in descending order

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17  
papers

211  
citations

1040056

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h-index

996975

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g-index

18  
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18  
docs citations

18  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Radioactive Environments as Sources of Local Disequilibrium for the Emergence of Life. <i>Astrobiology</i> , 2020, 20, 1489-1497.	3.0	4
2	Exact solutions for compact stars with CFL quark matter. <i>International Journal of Modern Physics D</i> , 2020, 29, 2050044.	2.1	12
3	The amplitude of the kilohertz quasi-periodic oscillations in 4U 1636â€“53 in the frequency-energy space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4980-4991.	4.4	10
4	Exact solutions of a model for strange stars with interacting quarks. <i>Astronomische Nachrichten</i> , 2019, 340, 180-183.	1.2	11
5	The distribution of neutron star masses. <i>Astronomische Nachrichten</i> , 2019, 340, 957-963.	1.2	6
6	Kilohertz QPOs in low-mass X-ray binaries as oscillation modes of tori around neutron stars â€“ I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3967-3975.	4.4	16
7	Microbial habitability of Europa sustained by radioactive sources. <i>Scientific Reports</i> , 2018, 8, 260.	3.3	25
8	Magnetic field decay in black widow pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2178-2184.	4.4	2
9	Phase lags of quasi-periodic oscillations across source states in the low-mass X-ray binary 4U 1636â€“53. <i>Journal of Physics: Conference Series</i> , 2017, 861, 012004.	0.4	0
10	Information Theoretical Methods as Discerning Quantifiers of the Equations of State of Neutron Stars. <i>Journal of Physics: Conference Series</i> , 2016, 706, 052030.	0.4	0
11	Phase lags of quasi-periodic oscillations across source states in the low-mass X-ray binary 4U 1636â€“53. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 79-92.	4.4	12
12	Trends of stellar entropy along stellar evolution. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 001.	1.7	2
13	Evolution of stellar entropy. <i>Astronomische Nachrichten</i> , 2015, 336, 840-844.	1.2	2
14	Information theoretical methods as discerning quantifiers of the equations of state of neutron stars. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 3481-3487.	2.1	46
15	Time lags of the kilohertz quasi-periodic oscillations in the low-mass X-ray binaries 4U 1608â€“52 and 4U 1636â€“53. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3453-3463.	4.4	33
16	Self-bound models of compact stars and recent mass-radius measurements. <i>Physical Review D</i> , 2011, 84, .	4.7	18
17	EXACT AND QUASI-EXACT MODELS OF STRANGE STARS. <i>International Journal of Modern Physics D</i> , 2010, 19, 1937-1955.	2.1	11