

Miquel Serra-Ricart

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

605
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	MASTER Optical Detection of the First LIGO/Virgo Neutron Star Binary Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L1.	8.3	199
2	A Reverse Shock in GRB 181201A. <i>Astrophysical Journal</i> , 2019, 884, 121.	4.5	37
3	Support for the Gravitational Lens Interpretation of SBS 0909+532. <i>Astrophysical Journal</i> , 1997, 491, L7-L9.	4.5	37
4	The INT Search for Metal-Poor Stars: Spectroscopic Observations and Classification via Artificial Neural Networks. <i>Astronomical Journal</i> , 2000, 120, 1516-1531.	4.7	35
5	The Rotation Period of C/1995 O1 (Hale-Bopp). <i>Astrophysical Journal</i> , 1998, 501, L221-L225.	4.5	33
6	Time Delay of QSO 0957+561 and Cosmological Implications. <i>Astrophysical Journal</i> , 1997, 479, L89-L92.	4.5	32
7	Multidimensional statistical analysis using artificial neural networks - Astronomical applications. <i>Astronomical Journal</i> , 1993, 106, 1685.	4.7	26
8	Interstellar Visitors: A Physical Characterization of Comet C/2019 Q4 (Borisov) with OSIRIS at the 10.4- μ m GTC. <i>Research Notes of the AAS</i> , 2019, 3, 131.	0.7	25
9	Evolution of a Spiral Jet in the Inner Coma of Comet Hale-Bopp (1995 O1). <i>Astrophysical Journal</i> , 1996, 461, .	4.5	24
10	SIZE OF THE ACCRETION DISK IN THE GRAVIATIONALLY LENSED QUASAR SDSS J1004+4112 FROM THE STATISTICS OF MICROLENSING MAGNIFICATIONS. <i>Astrophysical Journal</i> , 2016, 830, 149.	4.5	22
11	MASTER OPTICAL POLARIZATION VARIABILITY DETECTION IN THE MICROQUASAR V404 CYG/GS 2023+33. <i>Astrophysical Journal</i> , 2016, 833, 198.	4.5	17
12	Restoring the night sky darkness at Observatorio del Teide: First application of the model Illumina version 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2501-2516.	4.4	16
13	Optical Observations Reveal Strong Evidence for High-energy Neutrino Progenitor. <i>Astrophysical Journal Letters</i> , 2020, 896, L19.	8.3	16
14	The Effect of Seeing Variations in Time-Series CCD Inner Coma Photometry of Comets: A New Correction Method. <i>Astronomical Journal</i> , 2000, 119, 3133-3144.	4.7	14
15	Optical Photometry of Quasar 0957+561A, B. <i>Astrophysical Journal</i> , 1996, 470, L19-L21.	4.5	12
16	Natural Night Sky Brightness during Solar Minimum. <i>Astronomical Journal</i> , 2021, 162, 25.	4.7	9
17	SG-WAS: A New Wireless Autonomous Night Sky Brightness Sensor. <i>Sensors</i> , 2021, 21, 5590.	3.8	9
18	A cold massive interstellar cloud within 120 parsecs of the Sun: K I optical and H I radio observations. <i>Astrophysical Journal</i> , 1995, 445, 231.	4.5	9

#	ARTICLE	IF	CITATIONS
19	MASTER Real-Time Multi-Message Observations of High Energy Phenomena. Universe, 2022, 8, 271.	2.5	7
20	A New Method Based on Artificial Neural Network Techniques for Determining the Fraction of Binaries in Star Clusters. Astrophysical Journal, 1996, 462, 221.	4.5	6
21	USE OF MULTILAYER FEEDFORWARD NEURAL NETS AS A DISPLAY METHOD FOR MULTIDIMENSIONAL DISTRIBUTIONS. International Journal of Neural Systems, 1995, 06, 273-282.	5.2	5
22	A REGULARIZATION TERM TO AVOID THE SATURATION OF THE SIGMOIDS IN MULTILAYER NEURAL NETWORKS. International Journal of Neural Systems, 1996, 07, 257-262.	5.2	4
23	Apophis Planetary Defense Campaign. Planetary Science Journal, 2022, 3, 123.	3.6	4
24	Ordinary Oort Cloud Comets: An Update on the Past and Future Orbital Evolution of C/2018 F4 (PANSTARRS). Research Notes of the AAS, 2019, 3, 143.	0.7	3
25	THE ROTATION PERIOD OF C/2014 Q2 (LOVEJOY). Astrophysical Journal, 2015, 814, 49.	4.5	2
26	Multidimensional interpolation using artificial neural networks: Application to an H I cloud in Perseus. Astronomical Journal, 1995, 109, 312.	4.7	2
27	¿Atrapando el Solsticio? Un análisis crítico de la orientación de los templos de Deir el-Bahari. Trabajos De Egiptología Papers on Ancient Egypt, 2019, , 11-26.	0.0	0