Umaa Rebbapragada

List of Publications by Year
in descending order

17 papers	2,410 citations	567281 15 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	3002 citing authors

#	Article	IF	Citations
1	The Zwicky Transient Facility: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 018002.	3.1	1,020
2	The Zwicky Transient Facility: Data Processing, Products, and Archive. Publications of the Astronomical Society of the Pacific, 2019, 131, 018003.	3.1	610
3	Finding anomalous periodic time series. Machine Learning, 2009, 74, 281-313.	5.4	110
4	Real-bogus classification for the Zwicky Transient Facility using deep learning. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3582-3590.	4.4	94
5	Disk aware discord discovery: finding unusual time series in terabyte sized datasets. Knowledge and Information Systems, 2008, 17, 241-262.	3.2	91
6	Hydrogen-poor Superluminous Supernovae with Late-time HÎ± Emission: Three Events From the Intermediate Palomar Transient Factory. Astrophysical Journal, 2017, 848, 6.	4.5	91
7	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. Astrophysical Journal, 2017, 836, 158.	4.5	79
8	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. Astrophysical Journal, 2017, 835, 58.	4.5	61
9	ZTF 18aaqeasu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. Astrophysical Journal Letters, 2019, 873, L18.	8.3	56
10	iPTF SEARCH FOR AN OPTICAL COUNTERPART TO GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 824, L24.	8.3	46
11	Object-based classification of earthquake damage from high-resolution optical imagery using machine learning. Journal of Applied Remote Sensing, 2016, 10, 036025.	1.3	31
12	iPTF 16hgs: A Double-peaked Ca-rich Gap Transient in a Metal-poor, Star-forming Dwarf Galaxy. Astrophysical Journal, 2018, 866, 72.	4.5	31
13	Color Me Intrigued: The Discovery of iPTF 16fnm, an SN 2002cxâ€"like Object. Astrophysical Journal, 2017, 848, 59.	4.5	28
14	Effect of Label Noise on the Machine-Learned Classification of Earthquake Damage. Remote Sensing, 2017, 9, 803.	4.0	26
15	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. Astrophysical Journal Letters, 2019, 878, L5.	8.3	24
16	On the Origin of SN 2016hilâ€"A Type II Supernova in the Remote Outskirts of an Elliptical Host. Astrophysical Journal, 2019, 887, 127.	4.5	8
17	Classification of ASKAP VAST Radio Light Curves. Proceedings of the International Astronomical Union, 2011, 7, 397-399.	0.0	4