

# Joseph W Richards

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11125732/publications.pdf>

Version: 2024-02-01

17  
papers

869  
citations

687363

13  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for dust destruction from the early-time colour change of GRBÂ120119A. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1810-1823.	4.4	32
2	A mid-infrared study of RRÂLyrae stars with the Wide-field Infrared Survey Explorer all-sky data release. Monthly Notices of the Royal Astronomical Society, 2014, 441, 715-725.	4.4	23
3	The highly eccentric detached eclipsing binaries in ACVS and MACC. Monthly Notices of the Royal Astronomical Society, 2014, 441, 343-353.	4.4	7
4	Using machine learning for discovery in synoptic survey imaging data. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1047-1060.	4.4	93
5	CONSTRUCTION OF A CALIBRATED PROBABILISTIC CLASSIFICATION CATALOG: APPLICATION TO 50k VARIABLE SOURCES IN THE ALL-SKY AUTOMATED SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 32.	7.7	86
6	RAPID, MACHINE-LEARNED RESOURCE ALLOCATION: APPLICATION TO HIGH-REDSHIFT GAMMA-RAY BURST FOLLOW-UP. Astrophysical Journal, 2012, 746, 170.	4.5	12
7	Prototype selection for parameter estimation in complex models. Annals of Applied Statistics, 2012, 6, .	1.1	6
8	Optimizing Automated Classification of Variable Stars in New Synoptic Surveys. Publications of the Astronomical Society of the Pacific, 2012, 124, 280-295.	3.1	15
9	ACTIVE LEARNING TO OVERCOME SAMPLE SELECTION BIAS: APPLICATION TO PHOTOMETRIC VARIABLE STAR CLASSIFICATION. Astrophysical Journal, 2012, 744, 192.	4.5	56
10	Semi-supervised learning for photometric supernova classificationâˆ™.... Monthly Notices of the Royal Astronomical Society, 2012, 419, 1121-1135.	4.4	46
11	Overcoming Sample Selection Bias in Variable Star Classification. , 2012, , 213-221.		1
12	THE<i>XMM</i>CLUSTER SURVEY: THE STELLAR MASS ASSEMBLY OF FOSSIL GALAXIES. Astrophysical Journal, 2012, 752, 12.	4.5	47
13	MID-INFRARED PERIOD-LUMINOSITY RELATIONS OF RR LYRAE STARS DERIVED FROM THE<i>WISE</i>PRELIMINARY DATA RELEASE. Astrophysical Journal, 2011, 738, 185.	4.5	21
14	ON MACHINE-LEARNED CLASSIFICATION OF VARIABLE STARS WITH SPARSE AND NOISY TIME-SERIES DATA. Astrophysical Journal, 2011, 733, 10.	4.5	232
15	Results from the Supernova Photometric Classification Challenge. Publications of the Astronomical Society of the Pacific, 2010, 122, 1415-1431.	3.1	130
16	Accurate parameter estimation for star formation history in galaxies using SDSS spectra. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1044-1057.	4.4	24
17	EXPLOITING LOW-DIMENSIONAL STRUCTURE IN ASTRONOMICAL SPECTRA. Astrophysical Journal, 2009, 691, 32-42.	4.5	37