

Robert King

List of Publications by Year in descending order

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39
papers

1,943
citations

218677

26
h-index

345221

36
g-index

47
all docs

47
docs citations

47
times ranked

2706
citing authors

#	ARTICLE	IF	CITATIONS
1	From Observation to Information and Users: The Copernicus Marine Service Perspective. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	135
2	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	2.6	119
3	AN INTRODUCTION TO THE <i>CHANDRA</i> CARINA COMPLEX PROJECT. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 1.	7.7	117
4	THE SPATIAL STRUCTURE OF YOUNG STELLAR CLUSTERS. I. SUBCLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 107.	4.5	114
5	OVERVIEW OF THE MASSIVE YOUNG STAR-FORMING COMPLEX STUDY IN INFRARED AND X-RAY (MYStIX) PROJECT. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 26.	7.7	104
6	Assessing a New Coupled Data Assimilation System Based on the Met Office Coupled Atmosphere–Land–Ocean–Sea Ice Model. <i>Monthly Weather Review</i> , 2015, 143, 4678-4694.	1.4	89
7	The highest resolution near infrared spectrum of the imaged planetary mass companion 2M1207 b . <i>Astronomy and Astrophysics</i> , 2010, 517, A76.	5.1	80
8	A CATALOG OF <i>CHANDRA</i> X-RAY SOURCES IN THE CARINA NEBULA. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 2.	7.7	77
9	X-RAY STAR CLUSTERS IN THE CARINA COMPLEX. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 9.	7.7	73
10	ϵ Indi Ba, Bb: a detailed study of the nearest known brown dwarfs. <i>Astronomy and Astrophysics</i> , 2010, 510, A99.	5.1	72
11	IDENTIFYING YOUNG STARS IN MASSIVE STAR-FORMING REGIONS FOR THE MYStIX PROJECT. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 32.	7.7	71
12	Star formation and disk properties in Pismis 24. <i>Astronomy and Astrophysics</i> , 2012, 539, A119.	5.1	68
13	THE MYStIX INFRARED-EXCESS SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 31.	7.7	68
14	Testing the universality of star formation - I. Multiplicity in nearby star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2025-2042.	4.4	66
15	The CO5 configuration of the 7-km Atlantic Margin Model: large-scale biases and sensitivity to forcing, physics options and vertical resolution. <i>Geoscientific Model Development</i> , 2017, 10, 2947-2969.	3.6	62
16	NEAR-INFRARED PROPERTIES OF THE X-RAY-EMITTING YOUNG STELLAR OBJECTS IN THE CARINA NEBULA. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 10.	7.7	60
17	The impact of a new high-resolution ocean model on the Met Office North-West European Shelf forecasting system. <i>Ocean Science</i> , 2019, 15, 1133-1158.	3.4	58
18	Deep wide-field near-infrared survey of the Carina Nebula. <i>Astronomy and Astrophysics</i> , 2011, 530, A34.	5.1	52

#	ARTICLE	IF	CITATIONS
19	Testing the universality of star formation – II. Comparing separation distributions of nearby star-forming regions and the field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2636-2646.	4.4	49
20	A CHANDRA ACIS STUDY OF THE YOUNG STAR CLUSTER TRUMPLER 15 IN CARINA AND CORRELATION WITH NEAR-INFRARED SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 11.	7.7	43
21	Spectroscopy across the brown dwarf/planetary mass boundary. <i>Astronomy and Astrophysics</i> , 2012, 540, A85.	5.1	43
22	THE CHANDRA CARINA COMPLEX PROJECT VIEW OF TRUMPLER 16. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 12.	7.7	42
23	Model-Observations Synergy in the Coastal Ocean. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	34
24	RAPID CIRCUMSTELLAR DISK EVOLUTION AND AN ACCELERATING STAR FORMATION RATE IN THE INFRARED DARK CLOUD M17 SWex. <i>Astrophysical Journal</i> , 2016, 825, 125.	4.5	34
25	Can wave coupling improve operational regional ocean forecasts for the north-west European Shelf?. <i>Ocean Science</i> , 2019, 15, 669-690.	3.4	33
26	The UKIDSS-2MASS proper motion survey - I. Ultracool dwarfs from UKIDSS DR4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 857-871.	4.4	31
27	Improving the initialisation of the Met Office operational shelf-seas model. <i>Ocean Modelling</i> , 2018, 130, 1-14.	2.4	25
28	Spatially resolved submillimeter imaging of the HR 8799 debris disk. <i>Astronomy and Astrophysics</i> , 2011, 531, L17.	5.1	23
29	Requirements for an Integrated in situ Atlantic Ocean Observing System From Coordinated Observing System Simulation Experiments. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	21
30	Assimilating satellite sea-surface salinity data from SMOS, Aquarius and SMAP into a global ocean forecasting system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 705-726.	2.7	19
31	Detection of a large massive circumstellar disk around a high-mass young stellar object in the Carina Nebula. <i>Astronomy and Astrophysics</i> , 2011, 530, A40.	5.1	17
32	Towards a Multi-Platform Assimilative System for North Sea Biogeochemistry. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016649.	2.6	10
33	The impact of Argo observations in a global weakly coupled ocean-atmosphere data assimilation and short-range prediction system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 401-414.	2.7	8
34	An Application of NEMOVAR for Regional Wave Model Data Assimilation. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	7
35	Dynamical masses for the nearest brown dwarf binary: μ Indi Ba, Bb. , 2009, , .		5
36	Observation impact statement on satellite sea surface salinity data from two operational global ocean forecasting systems. <i>Journal of Operational Oceanography</i> , 2022, 15, 87-103.	1.2	4

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37	Assessing the Potential Impact of Changes to the Argo and Moored Buoy Arrays in an Operational Ocean Analysis System. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	2
38	Assimilating realistically simulated wide-swath altimeter observations in a high-resolution shelf-seas forecasting system. <i>Ocean Science</i> , 2021, 17, 1791-1813.	3.4	1
39	$\hat{\mu}$ Indi Ba, Bb: a spectroscopic study of the nearest known brown dwarfs. , 2009, , .		0