

Roc Cutri

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

22,652
citations

117625

34
h-index

155660

55
g-index

55
all docs

55
docs citations

55
times ranked

13417
citing authors

#	ARTICLE	IF	CITATIONS
1	The Two Micron All Sky Survey (2MASS). <i>Astronomical Journal</i> , 2006, 131, 1163-1183.	4.7	9,145
2	THE WIDE-FIELD INFRARED SURVEY EXPLORER (WISE): MISSION DESCRIPTION AND INITIAL ON-ORBIT PERFORMANCE. <i>Astronomical Journal</i> , 2010, 140, 1868-1881.	4.7	5,751
3	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
4	Dwarfs Cooler than α Centauri: The Definition of Spectral Type α Centauri Using Discoveries from the 2 Micron All Sky Survey (2MASS). <i>Astrophysical Journal</i> , 1999, 519, 802-833.	4.5	803
5	MID-INFRARED SELECTION OF ACTIVE GALACTIC NUCLEI WITH THE WIDE-FIELD INFRARED SURVEY EXPLORER. I. CHARACTERIZING WISE-SELECTED ACTIVE GALACTIC NUCLEI IN COSMOS. <i>Astrophysical Journal</i> , 2012, 753, 30.	4.5	637
6	PRELIMINARY RESULTS FROM NEOWISE: AN ENHANCEMENT TO THE WIDE-FIELD INFRARED SURVEY EXPLORER FOR SOLAR SYSTEM SCIENCE. <i>Astrophysical Journal</i> , 2011, 731, 53.	4.5	604
7	THE SPITZER-WISE SURVEY OF THE ECLIPTIC POLES. <i>Astrophysical Journal</i> , 2011, 735, 112.	4.5	536
8	INITIAL PERFORMANCE OF THE NEOWISE REACTIVATION MISSION. <i>Astrophysical Journal</i> , 2014, 792, 30.	4.5	426
9	MAIN BELT ASTEROIDS WITH WISE/NEOWISE. I. PRELIMINARY ALBEDOS AND DIAMETERS. <i>Astrophysical Journal</i> , 2011, 741, 68.	4.5	349
10	NEOWISE OBSERVATIONS OF NEAR-EARTH OBJECTS: PRELIMINARY RESULTS. <i>Astrophysical Journal</i> , 2011, 743, 156.	4.5	316
11	DISCOVERIES FROM A NEAR-INFRARED PROPER MOTION SURVEY USING MULTI-EPOCH TWO MICRON ALL-SKY SURVEY DATA. <i>Astrophysical Journal</i> , Supplement Series, 2010, 190, 100-146.	7.7	228
12	THE FIRST HYPER-LUMINOUS INFRARED GALAXY DISCOVERED BY WISE. <i>Astrophysical Journal</i> , 2012, 755, 173.	4.5	149
13	The WISE AGN Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2018, 234, 23.	7.7	144
14	The CatWISE2020 Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2021, 253, 8.	7.7	131
15	THE MOST LUMINOUS GALAXIES DISCOVERED BY WISE. <i>Astrophysical Journal</i> , 2015, 805, 90.	4.5	129
16	THE ALLWISE MOTION SURVEY AND THE QUEST FOR COLD SUBDWARFS. <i>Astrophysical Journal</i> , 2014, 783, 122.	4.5	118
17	NEOWISE STUDIES OF SPECTROPHOTOMETRICALLY CLASSIFIED ASTEROIDS: PRELIMINARY RESULTS. <i>Astrophysical Journal</i> , 2011, 741, 90.	4.5	113
18	CENTAURS AND SCATTERED DISK OBJECTS IN THE THERMAL INFRARED: ANALYSIS OF WISE/NEOWISE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 22.	4.5	92

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19	PRELIMINARY ANALYSIS OF <i>WISE</i> /NEOWISE 3-BAND CRYOGENIC AND POST-CRYOGENIC OBSERVATIONS OF MAIN BELT ASTEROIDS. <i>Astrophysical Journal Letters</i> , 2012, 759, L8.	8.3	77
20	THERMAL MODEL CALIBRATION FOR MINOR PLANETS OBSERVED WITH <i>WIDE-FIELD INFRARED SURVEY EXPLORER</i> /NEOWISE. <i>Astrophysical Journal</i> , 2011, 736, 100.	4.5	74
21	THE ALLWISE MOTION SURVEY, PART 2. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 36.	7.7	70
22	<i>NEOWISE</i> REACTIVATION MISSION YEAR ONE: PRELIMINARY ASTEROID DIAMETERS AND ALBEDOS. <i>Astrophysical Journal</i> , 2015, 814, 117.	4.5	66
23	The CatWISE Preliminary Catalog: Motions from WISE and NEOWISE Data. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 69.	7.7	63
24	THE POPULATION OF TINY NEAR-EARTH OBJECTS OBSERVED BY NEOWISE. <i>Astrophysical Journal</i> , 2014, 784, 110.	4.5	55
25	NEOWISE REACTIVATION MISSION YEAR TWO: ASTEROID DIAMETERS AND ALBEDOS. <i>Astronomical Journal</i> , 2016, 152, 63.	4.7	55
26	CHARACTERIZING SUBPOPULATIONS WITHIN THE NEAR-EARTH OBJECTS WITH <i>NEOWISE</i> : PRELIMINARY RESULTS. <i>Astrophysical Journal</i> , 2012, 752, 110.	4.5	52
27	THE <i>NEOWISE</i> -DISCOVERED COMET POPULATION AND THE CO + CO ₂ PRODUCTION RATES. <i>Astrophysical Journal</i> , 2015, 814, 85.	4.5	51
28	Gaia 17bpi: An FU Ori-type Outburst. <i>Astrophysical Journal</i> , 2018, 869, 146.	4.5	51
29	PHYSICAL PARAMETERS OF ASTEROIDS ESTIMATED FROM THE <i>WISE</i> 3-BAND DATA AND NEOWISE POST-CRYOGENIC SURVEY. <i>Astrophysical Journal Letters</i> , 2012, 760, L12.	8.3	48
30	Debiasing the NEOWISE Cryogenic Mission Comet Populations. <i>Astronomical Journal</i> , 2017, 154, 53.	4.7	39
31	NEOWISE STUDIES OF ASTEROIDS WITH SLOAN PHOTOMETRY: PRELIMINARY RESULTS. <i>Astrophysical Journal</i> , 2012, 745, 7.	4.5	37
32	SURVEY SIMULATIONS OF A NEW NEAR-EARTH ASTEROID DETECTION SYSTEM. <i>Astronomical Journal</i> , 2015, 149, 172.	4.7	37
33	Mid-infrared Flare of TDE Candidate PS16dtm: Dust Echo and Implications for the Spectral Evolution. <i>Astrophysical Journal</i> , 2017, 850, 63.	4.5	36
34	THERMAL MODEL CALIBRATION FOR MINOR PLANETS OBSERVED WITH <i>WISE</i> /NEOWISE: COMPARISON WITH <i>INFRARED ASTRONOMICAL SATELLITE</i> . <i>Astrophysical Journal Letters</i> , 2011, 737, L9.	8.3	34
35	Discovery of a Mid-infrared Echo from the TDE Candidate in the Nucleus of ULIRG F01004~2237. <i>Astrophysical Journal Letters</i> , 2017, 841, L8.	8.3	33
36	NEOWISE Reactivation Mission Year Three: Asteroid Diameters and Albedos. <i>Astronomical Journal</i> , 2017, 154, 168.	4.7	32

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37	<i>WISE</i>/NEOWISE OBSERVATIONS OF COMET 103P/HARTLEY 2. <i>Astrophysical Journal</i> , 2011, 738, 171.	4.5	30
38	<i>WISE</i>/NEOWISE OBSERVATIONS OF ACTIVE BODIES IN THE MAIN BELT. <i>Astrophysical Journal</i> , 2012, 747, 49.	4.5	30
39	NEOWISE-R OBSERVATION OF THE COOLEST KNOWN BROWN DWARF. <i>Astronomical Journal</i> , 2014, 148, 82.	4.7	29
40	Asteroid Diameters and Albedos from NEOWISE Reactivation Mission Years 4 and 5. <i>Planetary Science Journal</i> , 2020, 1, 5.	3.6	24
41	<i>WISE</i>/NEOWISE PRELIMINARY ANALYSIS AND HIGHLIGHTS OF THE 67P/CHURYUMOV-GERASIMENKO NEAR NUCLEUS ENVIRONS. <i>Astrophysical Journal</i> , 2012, 758, 18.	4.5	23
42	NEOWISE: OBSERVATIONS OF THE IRREGULAR SATELLITES OF JUPITER AND SATURN. <i>Astrophysical Journal</i> , 2015, 809, 3.	4.5	22
43	INFRARED TIME LAGS FOR THE PERIODIC QUASAR PG 1302-102. <i>Astrophysical Journal Letters</i> , 2015, 814, L12.	8.3	21
44	A Luminous Transient Event in a Sample of WISE-selected Variable AGNs. <i>Astrophysical Journal</i> , 2018, 866, 26.	4.5	21
45	Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion and Reduced Extinction. <i>Astronomical Journal</i> , 2019, 158, 240.	4.7	21
46	An Ongoing Mid-infrared Outburst in the White Dwarf 0145+234: Catching in Action the Tidal Disruption of an Exoasteroid?. <i>Astrophysical Journal Letters</i> , 2019, 886, L5.	8.3	20
47	CWISEP J193518.59â€“154620.3: An Extremely Cold Brown Dwarf in the Solar Neighborhood Discovered with CatWISE. <i>Astrophysical Journal</i> , 2019, 881, 17.	4.5	17
48	PTF14jg: The Remarkable Outburst and Post-burst Evolution of a Previously Anonymous Galactic Star. <i>Astrophysical Journal</i> , 2019, 874, 82.	4.5	16
49	NEOWISE OBSERVATIONS OF COMET C/2013 A1 (SIDING SPRING) AS IT APPROACHES MARS. <i>Astrophysical Journal Letters</i> , 2015, 798, L31.	8.3	15
50	Asteroid Diameters and Albedos from NEOWISE Reactivation Mission Years Six and Seven. <i>Planetary Science Journal</i> , 2021, 2, 162.	3.6	12
51	Small and Nearby NEOs Observed by NEOWISE During the First Three Years of Survey: Physical Properties. <i>Astronomical Journal</i> , 2018, 156, 60.	4.7	9
52	Physical Properties of 299 NEOs Manually Recovered in Over Five Years of NEOWISE Survey Data. <i>Planetary Science Journal</i> , 2020, 1, 9.	3.6	7
53	Outbursting Young Stellar Object PGIR 20dci in the Perseus Arm. <i>Astronomical Journal</i> , 2021, 161, 220.	4.7	6
54	A Secure W2 Detection of WD 0806-661B from CatWISE. <i>Research Notes of the AAS</i> , 2018, 2, 140.	0.7	2

#	ARTICLE	IF	CITATIONS
55	NEOWISE Observations of the Potentially Hazardous Asteroid (99942) Apophis. Planetary Science Journal, 2022, 3, 124.	3.6	2