

# Łukasz Wyrzykowski

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,798  
citations

331538

21  
h-index

276775

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2189  
citing authors

#	ARTICLE	IF	CITATIONS
1	REDDENING AND EXTINCTION TOWARD THE GALACTIC BULGE FROM OGLE-III: THE INNER MILKY WAY'S $V$ 2.5 EXTINCTION CURVE. <i>Astrophysical Journal</i> , 2013, 769, 88.	1.6	404
2	No large population of unbound or wide-orbit Jupiter-mass planets. <i>Nature</i> , 2017, 548, 183-186.	13.7	228
3	TRIPLE MICROLENS OGLE-2008-BLG-092L: BINARY STELLAR SYSTEM WITH A CIRCUMPRIMARY URANUS-TYPE PLANET. <i>Astrophysical Journal</i> , 2014, 795, 42.	1.6	94
4	OGLE-III MICROLENSING EVENTS AND THE STRUCTURE OF THE GALACTIC BULGE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 12.	3.0	83
5	Constraining the masses of microlensing black holes and the mass gap with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2020, 636, A20.	2.1	81
6	OGLE-ing the Magellanic System: Optical Reddening Maps of the Large and Small Magellanic Clouds from Red Clump Stars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 23.	3.0	66
7	An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. <i>Astrophysical Journal</i> , 2022, 933, 83.	1.6	60
8	A new class of flares from accreting supermassive black holes. <i>Nature Astronomy</i> , 2019, 3, 242-250.	4.2	57
9	Microlensing Optical Depth and Event Rate toward the Galactic Bulge from 8 yr of OGLE-IV Observations. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 29.	3.0	54
10	Two new free-floating or wide-orbit planets from microlensing. <i>Astronomy and Astrophysics</i> , 2019, 622, A201.	2.1	49
11	SUPER-MASSIVE PLANETS AROUND LATE-TYPE STARS – THE CASE OF OGLE-2012-BLG-0406Lb. <i>Astrophysical Journal</i> , 2014, 782, 47.	1.6	48
12	Populations of Stellar-mass Black Holes from Binary Systems. <i>Astrophysical Journal</i> , 2019, 885, 1.	1.6	47
13	The X-shaped Milky Way bulge in OGLE-III... photometry and in N-body models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1535-1549.	1.6	40
14	THE ARAUCARIA PROJECT: FIRST CEPHEID DISTANCE TO THE SCULPTOR GROUP GALAXY NGC 7793 FROM VARIABLES DISCOVERED IN A WIDE-FIELD IMAGING SURVEY. <i>Astronomical Journal</i> , 2010, 140, 1475-1485.	1.9	36
15	On the accuracy of mass measurement for microlensing black holes as seen by Gaia and OGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2013-2028.	1.6	31
16	SN 2018zd: an unusual stellar explosion as part of the diverse Type II Supernova landscape. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 84-100.	1.6	30
17	Gaia 18dvy: A New FUor in the Cygnus OB3 Association. <i>Astrophysical Journal</i> , 2020, 899, 130.	1.6	30
18	NEW METHOD TO MEASURE PROPER MOTIONS OF MICROLENSSED SOURCES: APPLICATION TO CANDIDATE FREE-FLOATING-PLANET EVENT MOA-2011-BLG-262. <i>Astrophysical Journal</i> , 2014, 785, 156.	1.6	29

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19	THE ARAUCARIA PROJECT: A STUDY OF THE CLASSICAL CEPHEID IN THE ECLIPSING BINARY SYSTEM OGLE LMC562.05.9009 IN THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2015, 815, 28.	1.6	29
20	The Late-type Eclipsing Binaries in the Large Magellanic Cloud: Catalog of Fundamental Physical Parameters. <i>Astrophysical Journal</i> , 2018, 860, 1.	1.6	28
21	The Araucaria Project: The Distance to the Sculptor Group Galaxy NGC 55 from a Newly Discovered Abundant Cepheid Population <sup>1</sup> . <i>Astronomical Journal</i> , 2006, 132, 2556-2565.	1.9	27
22	The awakening of a classical nova from hibernation. <i>Nature</i> , 2016, 537, 649-651.	13.7	27
23	Noninteracting Black Hole Binaries with Gaia and LAMOST. <i>Astrophysical Journal</i> , 2020, 905, 134.	1.6	21
24	A plethora of new R Coronae Borealis stars discovered from a dedicated spectroscopic follow-up survey. <i>Astronomy and Astrophysics</i> , 2020, 635, A14.	2.1	20
25	Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye. <i>Astronomy and Astrophysics</i> , 2020, 633, A98.	2.1	19
26	The Araucaria Project: The Distance to the Local Group Galaxy WLM from Cepheid Variables Discovered in a Wide-Field Imaging Survey. <i>Astronomical Journal</i> , 2007, 134, 594-603.	1.9	18
27	The evolution of late-type galaxies from CASSOWARY lensing systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3238-3248.	1.6	15
28	A Planetary Microlensing Event with an Unusually Red Source Star: MOA-2011-BLG-291. <i>Astronomical Journal</i> , 2018, 156, 113.	1.9	15
29	gs-tec: the Gaia spectrophotometry transient events classifier. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 327-342.	1.6	14
30	12,660 Spotted Stars toward the OGLE Galactic Bulge Fields. <i>Astrophysical Journal</i> , 2019, 879, 114.	1.6	14
31	All-sky visible and near infrared space astrometry. <i>Experimental Astronomy</i> , 2021, 51, 783-843.	1.6	13
32	Microlensing mass measurement from images of rotating gravitational arcs. <i>Nature Astronomy</i> , 2022, 6, 121-128.	4.2	12
33	A Gas Giant Planet in the OGLE-2006-BLG-284L Stellar Binary System. <i>Astronomical Journal</i> , 2020, 160, 72.	1.9	10
34	Recurrent Strong Outbursts of an EXor-like Young Eruptive Star Gaia20eae. <i>Astrophysical Journal</i> , 2022, 927, 125.	1.6	10
35	THE ARAUCARIA PROJECT: THE DISTANCE TO THE SCULPTOR GROUP GALAXY NGC 247 FROM CEPHEID VARIABLES DISCOVERED IN A WIDE-FIELD IMAGING SURVEY. <i>Astronomical Journal</i> , 2008, 136, 1770-1777.	1.9	9
36	OGLE-2014-BLG-0962 and a Comparison of Galactic Model Priors to Microlensing Data. <i>Astrophysical Journal</i> , 2019, 873, 30.	1.6	7

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37	NO EVIDENCE FOR CLASSICAL CEPHEIDS AND A NEW DWARF GALAXY BEHIND THE GALACTIC DISK. <i>Astrophysical Journal Letters</i> , 2015, 813, L40.	3.0	6
38	Around Gaia Alerts in 20 questions. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 425-428.	0.0	4
39	A Wide-orbit Exoplanet OGLE-2012-BLG-0838Lb. <i>Astronomical Journal</i> , 2020, 159, 261.	1.9	4
40	A PLAUSIBLE (OVERLOOKED) SUPER-LUMINOUS SUPERNOVA IN THE SLOAN DIGITAL SKY SURVEY STRIPE 82 DATA. <i>Astrophysical Journal</i> , 2013, 778, 168.	1.6	3
41	Discovery of Two Quasars at $z \approx 5$ from the OGLE Survey. <i>Astrophysical Journal</i> , 2019, 878, 115.	1.6	3
42	Lens parameters for <i>Gaia</i> 18cbf a€ a long gravitational microlensing event in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2022, 662, A59.	2.1	3
43	OGLE-2014-BLG-0319: A Sub-Jupiter-mass Planetary Event Encountered Degeneracy with Different Mass Ratios and Lens-source Relative Proper Motions. <i>Astronomical Journal</i> , 2022, 163, 123.	1.9	0