

# Grzegorz Pietrzyński

## List of Publications by Year in descending order

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44  
papers

1,907  
citations

172386

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254106

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1909  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Absolute Calibration of the Near-infrared Period–Luminosity Relations of Type II Cepheids in the Milky Way and in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2022, 927, 89.	1.6	5
2	Synthetic Population of Binary Cepheids. I. The Effect of Metallicity and Initial Parameter Distribution on Characteristics of Cepheids’ Companions. <i>Astrophysical Journal</i> , 2022, 930, 65.	1.6	5
3	The Araucaria Project: Deep Near-infrared Photometric Maps of Local and Sculptor Group Galaxies. I. Carina, Fornax, and Sculptor. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 42.	3.0	0
4	Cepheids with Giant Companions. I. Revealing a Numerous Population of Double-lined Binary Cepheids* <sup>&lt;sup&gt;â€&lt;/sup&gt;. <i>Astrophysical Journal</i>, 2021, 910, 118.</sup>	1.6	9
5	Inspecting the Cepheid Distance Ladder: the Hubble Space Telescope Distance to the SN Ia Host Galaxy NGC 5584. <i>Astrophysical Journal</i> , 2021, 911, 12.	1.6	18
6	Time Delay of Mg ii Emission Response for the Luminous Quasar HE 0435-4312: toward Application of the High-accretor Radius–Luminosity Relation in Cosmology. <i>Astrophysical Journal</i> , 2021, 912, 10.	1.6	32
7	The Influence of Metallicity on the Leavitt Law from Geometrical Distances of Milky Way and Magellanic Cloud Cepheids. <i>Astrophysical Journal</i> , 2021, 913, 38.	1.6	34
8	Studies of RR Lyrae Variables in Binary Systems. I. Evidence of a Trimodal Companion Mass Distribution. <i>Astrophysical Journal</i> , 2021, 915, 50.	1.6	6
9	The Araucaria Project. Distances to Nine Galaxies Based on a Statistical Analysis of their Carbon Stars (JAGB Method). <i>Astrophysical Journal</i> , 2021, 916, 19.	1.6	11
10	Time-delay Measurement of Mg ii Broad-line Response for the Highly Accreting Quasar HE 0413-4031: Implications for the Mg ii–based Radius–Luminosity Relation. <i>Astrophysical Journal</i> , 2020, 896, 146.	1.6	33
11	Empirical Calibration of the Reddening Maps in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2020, 889, 179.	1.6	38
12	The Milky Way Cepheid Leavitt law based on <i>Gaia</i> DR2 parallaxes of companion stars and host open cluster populations. <i>Astronomy and Astrophysics</i> , 2020, 643, A115.	2.1	48
13	A Distance Determination to the Small Magellanic Cloud with an Accuracy of Better than Two Percent Based on Late-type Eclipsing Binary Stars. <i>Astrophysical Journal</i> , 2020, 904, 13.	1.6	83
14	Calibrating the surface brightness – color relation for late-type red giants stars in the visible domain using VEGA/CHARA interferometric observations. <i>Astronomy and Astrophysics</i> , 2020, 639, A67.	2.1	2
15	Multiplicity of Galactic Cepheids and RR Lyrae stars from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 623, A116.	2.1	45
16	Multiplicity of Galactic Cepheids and RR Lyrae stars from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 623, A117.	2.1	34
17	Time Delay Measurement of Mg ii Line in CTS C30.10 with SALT. <i>Astrophysical Journal</i> , 2019, 880, 46.	1.6	39
18	The Araucaria Project: High-precision Cepheid Astrophysics from the Analysis of Variables in Double-lined Eclipsing Binaries*. <i>Astrophysical Journal</i> , 2018, 862, 43.	1.6	33

#	ARTICLE	IF	CITATIONS
19	The Dynamical Mass and Evolutionary Status of the Type II Cepheid in the Eclipsing Binary System OGLE-LMC-T2CEP-211 with a Double-ring Disk* <sup>â€</sup>. Astrophysical Journal, 2018, 868, 30.	1.6	5
20	Mass and p-factor of the Type II Cepheid OGLE-LMC-T2CEP-098 in a Binary System<sup>âˆ—</sup>. Astrophysical Journal, 2017, 842, 110.	1.6	34
21	A Precision Determination of the Effect of Metallicity on Cepheid Absolute Magnitudes in VIJHK Bands from Magellanic Cloud Cepheids. Astrophysical Journal, 2017, 842, 116.	1.6	22
22	The Araucaria Project. The Distance to the Sculptor Group Galaxy NGC 7793 from Near-infrared Photometry of Cepheid Variables. Astrophysical Journal, 2017, 847, 88.	1.6	17
23	The Araucaria Project: The Distance to the Fornax Dwarf Galaxy from Near-infrared Photometry of RR Lyrae Stars<sup>*</sup>. Astronomical Journal, 2017, 154, 263.	1.9	18
24	Observational calibration of the projection factor of Cepheids. Astronomy and Astrophysics, 2017, 600, A127.	2.1	25
25	THE ARAUCARIA PROJECT. OGLE-LMC-CEP-1718: AN EXOTIC ECLIPSING BINARY SYSTEM COMPOSED OF TWO CLASSICAL OVERTONE CEPHEIDS IN A 413 DAY ORBIT <sup>*</sup>. Astrophysical Journal, 2014, 786, 80.	1.6	19
26	THE ARAUCARIA PROJECT. THE DISTANCE TO THE SMALL MAGELLANIC CLOUD FROM LATE-TYPE ECLIPSING BINARIES. Astrophysical Journal, 2014, 780, 59.	1.6	178
27	THE ARAUCARIA PROJECT. A DISTANCE DETERMINATION TO THE LOCAL GROUP SPIRAL M33 FROM NEAR-INFRARED PHOTOMETRY OF CEPHEID VARIABLES. Astrophysical Journal, 2013, 773, 69.	1.6	48
28	QUANTITATIVE SPECTROSCOPY OF BLUE SUPERGIANT STARS IN THE DISK OF M81: METALLICITY, METALLICITY GRADIENT, AND DISTANCE. Astrophysical Journal, 2012, 747, 15.	1.6	94
29	THE ARAUCARIA PROJECT: ACCURATE DETERMINATION OF THE DYNAMICAL MASS OF THE CLASSICAL CEPHEID IN THE ECLIPSING SYSTEM OGLE-LMC-CEP-1812. Astrophysical Journal Letters, 2011, 742, L20.	3.0	35
30	THE ARAUCARIA PROJECT. INFRARED TIP OF THE RED GIANT BRANCH DISTANCES TO FIVE DWARF GALAXIES IN THE LOCAL GROUP. Astronomical Journal, 2011, 141, 194.	1.9	22
31	THE ARAUCARIA PROJECT: THE DISTANCE TO THE SCULPTOR GALAXY NGC 247 FROM NEAR-INFRARED PHOTOMETRY OF CEPHEID VARIABLES. Astrophysical Journal, 2009, 700, 1141-1147.	1.6	32
32	THE ARAUCARIA PROJECT. INFRARED TIP OF THE RED GIANT BRANCH DISTANCES TO THE CARINA AND FORNAX DWARF SPHEROIDAL GALAXIES. Astronomical Journal, 2009, 138, 459-465.	1.9	59
33	THE ARAUCARIA PROJECT: THE DISTANCE TO THE SMALL MAGELLANIC CLOUD FROM NEAR-INFRARED PHOTOMETRY OF RR LYRAE VARIABLES. Astronomical Journal, 2009, 138, 1661-1666.	1.9	54
34	EXTRAGALACTIC CHEMICAL ABUNDANCES: DO H II REGIONS AND YOUNG STARS TELL THE SAME STORY? THE CASE OF THE SPIRAL GALAXY NGC 300. Astrophysical Journal, 2009, 700, 309-330.	1.6	207
35	THE ARAUCARIA PROJECT: THE DISTANCE TO THE SCULPTOR DWARF SPHEROIDAL GALAXY FROM INFRARED PHOTOMETRY OF RR LYRAE STARS. Astronomical Journal, 2008, 135, 1993-1997.	1.9	87
36	The Araucaria Project: Nearâ€infrared Photometry of Cepheid Variables in the Sculptor Galaxy NGC 55. Astrophysical Journal, 2008, 672, 266-273.	1.6	30

#	ARTICLE	IF	CITATIONS
37	THE ARAUCARIA PROJECT. THE DISTANCE OF THE LARGE MAGELLANIC CLOUD FROM NEAR-INFRARED PHOTOMETRY OF RR LYRAE VARIABLES. <i>Astronomical Journal</i> , 2008, 136, 272-279.	1.9	41
38	The Araucaria Project: The Distance to the Local Group Galaxy WLM from Near-Infrared Photometry of Cepheid Variables. <i>Astrophysical Journal</i> , 2008, 683, 611-619.	1.6	34
39	The Araucaria Project: The Distance to the Local Group Galaxy IC 1613 from Near-Infrared Photometry of Cepheid Variables. <i>Astrophysical Journal</i> , 2006, 642, 216-224.	1.6	62
40	The Araucaria Project: An Accurate Distance to the Local Group Galaxy NGC 6822 from Near-Infrared Photometry of Cepheid Variables. <i>Astrophysical Journal</i> , 2006, 647, 1056-1064.	1.6	64
41	The Araucaria Project: The Effect of Blending on the Cepheid Distance to NGC 300 from Advanced Camera for Surveys Images. <i>Astrophysical Journal</i> , 2005, 634, 1020-1031.	1.6	37
42	The Araucaria Project: Near-Infrared Photometry of Cepheid Variables in the Sculptor Galaxy NGC 300. <i>Astrophysical Journal</i> , 2005, 628, 695-703.	1.6	112
43	The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey. <i>Astronomical Journal</i> , 2004, 128, 2815-2825.	1.9	51
44	The ARAUCARIA Project: Discovery of Cepheid Variables in NGC 300 from a Wide-Field Imaging Survey. <i>Astronomical Journal</i> , 2002, 123, 789-812.	1.9	45