

# Jozsef Vinko

## List of Publications by Year in descending order

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107  
papers

3,472  
citations

126858

33  
h-index

155592

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107  
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107  
docs citations

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times ranked

2727  
citing authors

#	ARTICLE	IF	CITATIONS
1	GENERALIZED SEMI-ANALYTICAL MODELS OF SUPERNOVA LIGHT CURVES. <i>Astrophysical Journal</i> , 2012, 746, 121.	1.6	221
2	ANALYTICAL LIGHT CURVE MODELS OF SUPERLUMINOUS SUPERNOVAE: $\chi^2$ -MINIMIZATION OF PARAMETER FITS. <i>Astrophysical Journal</i> , 2013, 773, 76.	1.6	188
3	A PANCHROMATIC VIEW OF THE RESTLESS SN 2009ip REVEALS THE EXPLOSIVE EJECTION OF A MASSIVE STAR ENVELOPE. <i>Astrophysical Journal</i> , 2014, 780, 21.	1.6	182
4	SN 2012cg: EVIDENCE FOR INTERACTION BETWEEN A NORMAL SN Ia AND A NON-DEGENERATE BINARY COMPANION. <i>Astrophysical Journal</i> , 2016, 820, 92.	1.6	132
5	SN 2006oz: rise of a super-luminous supernova observed by the SDSS-II SN Survey. <i>Astronomy and Astrophysics</i> , 2012, 541, A129.	2.1	124
6	VERY EARLY ULTRAVIOLET AND OPTICAL OBSERVATIONS OF THE TYPE Ia SUPERNOVA 2009ig. <i>Astrophysical Journal</i> , 2012, 744, 38.	1.6	124
7	A STUDY OF CARBON FEATURES IN TYPE Ia SUPERNOVA SPECTRA. <i>Astrophysical Journal</i> , 2011, 732, 30.	1.6	101
8	THE VERY YOUNG TYPE Ia SUPERNOVA 2013dy: DISCOVERY, AND STRONG CARBON ABSORPTION IN EARLY-TIME SPECTRA. <i>Astrophysical Journal Letters</i> , 2013, 778, L15.	3.0	82
9	A LUMINOUS, FAST RISING UV-TRANSIENT DISCOVERED BY ROTSE: A TIDAL DISRUPTION EVENT?. <i>Astrophysical Journal</i> , 2015, 798, 12.	1.6	78
10	THE MASSIVE PROGENITOR OF THE TYPE II-LINEAR SUPERNOVA 2009kr. <i>Astrophysical Journal Letters</i> , 2010, 714, L254-L259.	3.0	74
11	SN 2008am: A SUPER-LUMINOUS TYPE II <sub>n</sub> SUPERNOVA. <i>Astrophysical Journal</i> , 2011, 729, 143.	1.6	68
12	THE VERY YOUNG TYPE Ia SUPERNOVA 2012cg: DISCOVERY AND EARLY-TIME FOLLOW-UP OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2012, 756, L7.	3.0	63
13	SN 2009N: linking normal and subluminous Type II-P SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 368-387.	1.6	62
14	High-velocity features of calcium and silicon in the spectra of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1973-2014.	1.6	61
15	EARLY OBSERVATIONS AND ANALYSIS OF THE TYPE Ia SN 2014J IN M82. <i>Astrophysical Journal</i> , 2015, 798, 39.	1.6	60
16	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , 2019, 870, 12.	1.6	60
17	Distance estimate and progenitor characteristics of SN 2005cs in M51. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 1735-1740.	1.6	59
18	THE EXCEPTIONALLY LUMINOUS TYPE Ia SUPERNOVA 2007if. <i>Astrophysical Journal</i> , 2010, 715, 1338-1343.	1.6	59

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19	The first year of SN 2004dj in NGC 2403~.... Monthly Notices of the Royal Astronomical Society, 2006, 369, 1780-1796.	1.6	58
20	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. Astrophysical Journal, 2010, 720, 704-716.	1.6	57
21	<i>SPITZER</i>IRAC-MIPS SURVEY OF NGC 2451A AND B: DEBRIS DISKS AT 50-80 MILLION YEARS. Astrophysical Journal, 2009, 698, 1989-2013.	1.6	56
22	EXTENSIVE SPECTROSCOPY AND PHOTOMETRY OF THE TYPE IIP SUPERNOVA 2013ej. Astrophysical Journal, 2016, 822, 6.	1.6	54
23	Measuring expansion velocities in Type II-P supernovae. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2783-2796.	1.6	50
24	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. Astrophysical Journal, 2020, 898, 166.	1.6	48
25	Dust formation in the ejecta of the type II-P supernova 2004dj. Astronomy and Astrophysics, 2011, 527, A61.	2.1	45
26	Light curve and spectral evolution of the Type IIb supernova 2011fu. Monthly Notices of the Royal Astronomical Society, 2013, 431, 308-321.	1.6	45
27	Physical parameters and multiplicity of five southern close eclipsing binaries. Astronomy and Astrophysics, 2007, 465, 943-952.	2.1	44
28	HIGH-VELOCITY LINE FORMING REGIONS IN THE TYPE Ia SUPERNOVA 2009ig. Astrophysical Journal, 2013, 777, 40.	1.6	44
29	The Type II-P Supernova 2017eaw: From Explosion to the Nebular Phase. Astrophysical Journal, 2019, 876, 19.	1.6	42
30	Improved distance determination to M~51 from supernovae 2011dh and 2005cs. Astronomy and Astrophysics, 2012, 540, A93.	2.1	41
31	Testing supernovae Ia distance measurement methods with SN~2011fe. Astronomy and Astrophysics, 2012, 546, A12.	2.1	39
32	The First Post-Kepler Brightness Dips of KIC 8462852. Astrophysical Journal Letters, 2018, 853, L8.	3.0	38
33	TYPE IIb SUPERNOVA SN 2011dh: SPECTRA AND PHOTOMETRY FROM THE ULTRAVIOLET TO THE NEAR-INFRARED. Astrophysical Journal, 2014, 781, 69.	1.6	35
34	EXTREME SUPERNOVA MODELS FOR THE SUPER-LUMINOUS TRANSIENT ASASSN-15LH. Astrophysical Journal, 2016, 828, 94.	1.6	32
35	The Young and Nearby Normal Type Ia Supernova 2018gv: UV-optical Observations and the Earliest Spectropolarimetry. Astrophysical Journal, 2020, 902, 46.	1.6	32
36	A photometric and spectroscopic study of the brightest northern Cepheids -- III. A high-resolution view of Cepheid atmospheres. Monthly Notices of the Royal Astronomical Society, 2000, 314, 420-432.	1.6	31

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37	Twelve type II-P supernovae seen with the eyes of <i>Spitzer</i> . <i>Astronomy and Astrophysics</i> , 2013, 549, A79.	2.1	30
38	Distance of the hypernova SN 2002ap via the expanding photosphere method. <i>Astronomy and Astrophysics</i> , 2004, 427, 453-464.	2.1	30
39	Near-infrared and Optical Observations of Type Ic SN 2020oi and Broad-lined Type Ic SN 2020bvc: Carbon Monoxide, Dust, and High-velocity Supernova Ejecta. <i>Astrophysical Journal</i> , 2021, 908, 232.	1.6	29
40	New homogeneous iron abundances of double-mode Cepheids from high-resolution echelle spectroscopy. <i>Astronomy and Astrophysics</i> , 2007, 473, 579-587.	2.1	28
41	Observations of SN 2017ein Reveal Shock Breakout Emission and a Massive Progenitor Star for a Type Ic Supernova. <i>Astrophysical Journal</i> , 2019, 871, 176.	1.6	27
42	Abundance tomography of Type Iax SN 2011ay with tardis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4865-4877.	1.6	26
43	Discovery of a Satellite of the Large Trans-Neptunian Object (225088) 2007 OR <sub>10</sub> . <i>Astrophysical Journal Letters</i> , 2017, 838, L1.	3.0	25
44	The Peculiar Transient AT2018cow: A Possible Origin of a Type Ibn/Iln Supernova. <i>Astrophysical Journal</i> , 2021, 910, 42.	1.6	25
45	The early phases of the Type Iax supernova SN 2011ay. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2103-2114.	1.6	24
46	Circumstellar Interaction Models for the Bolometric Light Curve of Type I Superluminous SN 2017egm. <i>Astrophysical Journal Letters</i> , 2017, 851, L14.	3.0	24
47	UZ Leo and CV Cyg: two evolved contact binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 280, 489-497.	1.6	21
48	INTERACTION BETWEEN THE BROAD-LINED TYPE Ic SUPERNOVA 2012ap AND CARRIERS OF DIFFUSE INTERSTELLAR BANDS. <i>Astrophysical Journal Letters</i> , 2014, 782, L5.	3.0	21
49	The continuing story of SN 2013df: new optical and IR observations and analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1500-1518.	1.6	20
50	SN2012ab: a peculiar Type Iln supernova with aspherical circumstellar material. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1104-1120.	1.6	20
51	Circumstellar Interaction Powers the Light Curves of Luminous Rapidly Evolving Optical Transients. <i>Astrophysical Journal</i> , 2022, 926, 125.	1.6	20
52	Spectroscopic survey of field Type II Cepheids. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 824-838.	1.6	19
53	A NEW SUB-PERIOD-MINIMUM CATAclysmic VARIABLE WITH PARTIAL HYDROGEN DEPLETION AND EVIDENCE OF SPIRAL DISK STRUCTURE. <i>Astronomical Journal</i> , 2013, 145, 145.	1.9	19
54	An UXor among FUors: Extinction-related Brightness Variations of the Young Eruptive Star V582 Aur. <i>Astrophysical Journal</i> , 2018, 853, 28.	1.6	19

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55	Formation of the surface structure of polyethylene-terephthalate (PET) due to ArF excimer laser ablation. <i>Applied Surface Science</i> , 1996, 96-98, 611-616.	3.1	17
56	A Near-Infrared (JHK) Survey of the Vicinity of the HiiRegion NGC 7538: Evidence for a Young Embedded Cluster. <i>Astronomical Journal</i> , 2004, 128, 2942-2953.	1.9	17
57	SNÂ2000cx and SNÂ2013bh: extremely rare, nearly twin Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1225-1237.	1.6	17
58	Main-belt Asteroids in the K2 Uranus Field. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 37.	3.0	17
59	The Double-peaked Radio Light Curve of Supernova PTF11qej. <i>Astrophysical Journal</i> , 2019, 872, 201.	1.6	17
60	The mass and density of the dwarf planet (225088) 2007 OR10. <i>Icarus</i> , 2019, 334, 3-10.	1.1	16
61	Constraining the Source of the High-velocity Ejecta in Type Ia SN 2019ein. <i>Astrophysical Journal</i> , 2020, 897, 159.	1.6	16
62	8.4 GHz VLBI observations of SN 2004et in NGC 6946. <i>Astronomy and Astrophysics</i> , 2007, 470, 1071-1077.	2.1	15
63	Searching for the Expelled Hydrogen Envelope in Type I Supernovae via Late-Time H $\beta$ Emission. <i>Astrophysical Journal</i> , 2017, 837, 62.	1.6	15
64	The Peculiar Type I[CLC]a[/CLC] Supernova 1999[CLC]by[/CLC]: Spectroscopy at Early Epochs. <i>Astronomical Journal</i> , 2001, 121, 3127-3132.	1.9	15
65	SN 2010kd: Photometric and Spectroscopic Analysis of a Slow-decaying Superluminous Supernova. <i>Astrophysical Journal</i> , 2020, 892, 28.	1.6	15
66	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. <i>Astrophysical Journal</i> , 2020, 895, 31.	1.6	14
67	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020, 634, A21.	2.1	14
68	Baade-Wesselink Radius Determination of Type II Cepheids. <i>Astronomical Journal</i> , 1997, 113, 1833.	1.9	14
69	Toward an Orbit for the High- $\epsilon$ Luminosity Cepheid T Monocerotis. <i>Astrophysical Journal</i> , 1999, 524, 379-393.	1.6	14
70	Interaction of SN Ib 2004dk with a Previously Expelled Envelope. <i>Astrophysical Journal</i> , 2019, 883, 120.	1.6	14
71	101 Trojans: A Tale of Period Bimodality, Binaries, and Extremely Slow Rotators from K2 Photometry. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 7.	3.0	13
72	Detecting Pair-instability Supernovae at $z \lesssim 5$ with the James Webb Space Telescope. <i>Astrophysical Journal</i> , 2020, 894, 94.	1.6	13

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73	Photospheric Velocity Gradients and Ejecta Masses of Hydrogen-poor Superluminous Supernovae: Proxies for Distinguishing between Fast and Slow Events. <i>Astrophysical Journal</i> , 2021, 909, 24.	1.6	12
74	Periodicities of the light curve of the semiregular variable star Y Lyncis. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 256, 321-328.	1.6	11
75	Optical Observations of the Young Type Ic Supernova SN 2014L in M99. <i>Astrophysical Journal</i> , 2018, 863, 109.	1.6	11
76	Rotational Properties of Hilda Asteroids Observed by the K2 Mission. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 34.	3.0	10
77	Recurrent Strong Outbursts of an EXor-like Young Eruptive Star Gaia20eae. <i>Astrophysical Journal</i> , 2022, 927, 125.	1.6	10
78	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). <i>Astrophysical Journal</i> , 2021, 923, 167.	1.6	10
79	Detection and Classification of Supernovae Beyond $z \approx 1/4$ Redshift with the James Webb Space Telescope. <i>Astrophysical Journal</i> , 2019, 874, 158.	1.6	9
80	Constraints on the Physical Properties of SNe Ia from Photometry. <i>Astrophysical Journal</i> , 2020, 892, 121.	1.6	9
81	SN 2017cfd: A Normal Type Ia Supernova Discovered Very Young. <i>Astrophysical Journal</i> , 2020, 892, 142.	1.6	9
82	Seven Years of SN 2014C: A Multiwavelength Synthesis of an Extraordinary Supernova. <i>Astrophysical Journal</i> , 2022, 930, 57.	1.6	9
83	Light curves of ten Centaurs from K2 measurements. <i>Icarus</i> , 2020, 345, 113721.	1.1	8
84	The Exotic Type Ic Broad-lined Supernova SN 2018gep: Blurring the Line between Supernovae and Fast Optical Transients. <i>Astrophysical Journal</i> , 2021, 915, 121.	1.6	8
85	The Orbit of the Classical Cepheid AW Persei Revisited. <i>Astronomical Journal</i> , 2000, 120, 407-412.	1.9	8
86	Progenitor mass constraints for the type Ib intermediate-luminosity SN 2015ap and the highly extinguished SN 2016bau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2530-2547.	1.6	7
87	Photometry of SN 2002bo with template image subtraction. <i>Astronomy and Astrophysics</i> , 2003, 408, 915-919.	2.1	7
88	Comparative Spectral Analysis of the Superluminous Supernova 2019neq. <i>Astrophysical Journal</i> , 2020, 900, 73.	1.6	7
89	Light curve and O-C diagram analysis of RZ Cassiopeiae. <i>Astrophysics and Space Science</i> , 1992, 187, 57-74.	0.5	6
90	THE UNUSUALLY LUMINOUS EXTRAGALACTIC NOVA SN 2010U. <i>Astrophysical Journal</i> , 2013, 765, 57.	1.6	5

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91	A low-luminosity core-collapse supernova very similar to SN 2005cs. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3725-3740.	1.6	5
92	Fundamental parameters and new variables of the galactic open cluster NGC 7128. Monthly Notices of the Royal Astronomical Society, 2001, 323, 872-886.	1.6	4
93	Period variation of selected cepheids. Astrophysics and Space Science, 1991, 183, 17-36.	0.5	3
94	A method for testing first-order Markovian property of noise phenomena including $1/\epsilon'$ noise. Physica B: Condensed Matter, 1995, 216, 79-84.	1.3	3
95	DISCOVERY OF A WOLF-RAYET STAR THROUGH DETECTION OF ITS PHOTOMETRIC VARIABILITY. Astronomical Journal, 2012, 143, 136.	1.9	3
96	Surface Ice and Tholins on the Extreme Centaur 2012 DR <sub>30</sub> . Astronomical Journal, 2018, 155, 170.	1.9	3
97	The Expanding Photosphere Method: Progress and Problems. AIP Conference Proceedings, 2007, , .	0.3	2
98	Detection of Tidal Disruption Events around Direct-collapse Black Holes at High Redshifts with the James Webb Space Telescope. Astrophysical Journal, 2021, 909, 64.	1.6	2
99	Pulsation and orbit of AU Pegasi. Astronomische Nachrichten, 2007, 328, 837-840.	0.6	1
100	Initial Ni-56 Masses in Type Ia Supernovae. Publications of the Astronomical Society of the Pacific, 2022, 134, 054201.	1.0	1
101	First results of the Central-East-South European Binary Star Study Group (CESEB). Astrophysics and Space Science, 2006, 304, 51-53.	0.5	0
102	Mass and Orbit Constraints of the Gamma-ray Binary LS 5039. Proceedings of the International Astronomical Union, 2011, 7, 331-332.	0.0	0
103	Type II-P supernovae in the mid-infrared. Proceedings of the International Astronomical Union, 2011, 7, 401-402.	0.0	0
104	Evolution of the Type IIb SN 2011fu. Proceedings of the International Astronomical Union, 2013, 9, 336-337.	0.0	0
105	Mapping Atmospheric Motions in Classical and Type II Cepheids. , 2008, , 165-168.		0
106	Iron Abundances of Southern Double-mode Cepheids from High-resolution Echelle Spectroscopy. , 2008, , 169-172.		0
107	Inferring Photospheric Velocities from P Cygni Lines in Type IIP Supernova Atmospheres. , 2008, , 323-324.		0