

Jozsef Vinko

List of Publications by Year in descending order

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107
papers

3,472
citations

126858

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155592

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all docs

107
docs citations

107
times ranked

2727
citing authors

#	ARTICLE	IF	CITATIONS
1	Circumstellar Interaction Powers the Light Curves of Luminous Rapidly Evolving Optical Transients. <i>Astrophysical Journal</i> , 2022, 926, 125.	1.6	20
2	Recurrent Strong Outbursts of an EXor-like Young Eruptive Star Gaia20eae. <i>Astrophysical Journal</i> , 2022, 927, 125.	1.6	10
3	Seven Years of SN 2014C: A Multiwavelength Synthesis of an Extraordinary Supernova. <i>Astrophysical Journal</i> , 2022, 930, 57.	1.6	9
4	Initial Ni-56 Masses in Type Ia Supernovae. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 054201.	1.0	1
5	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
6	Detection of Tidal Disruption Events around Direct-collapse Black Holes at High Redshifts with the James Webb Space Telescope. <i>Astrophysical Journal</i> , 2021, 909, 64.	1.6	2
7	The Peculiar Transient AT2018cow: A Possible Origin of a Type Ibn/IIn Supernova. <i>Astrophysical Journal</i> , 2021, 910, 42.	1.6	25
8	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
9	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
10	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
11	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
12	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
13	Light curves of ten Centaurs from K2 measurements. <i>Icarus</i> , 2020, 345, 113721.	1.1	8
14	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
15	Constraints on the Physical Properties of SNe Ia from Photometry. <i>Astrophysical Journal</i> , 2020, 892, 121.	1.6	9
16	SN 2017cfd: A Normal Type Ia Supernova Discovered Very Young. <i>Astrophysical Journal</i> , 2020, 892, 142.	1.6	9
17	A low-luminosity core-collapse supernova very similar to SN 2005cs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3725-3740.	1.6	5
18	Rotational Properties of Hilda Asteroids Observed by the K2 Mission. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 34.	3.0	10

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19	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020, 634, A21.	2.1	14
20	SN 2010kd: Photometric and Spectroscopic Analysis of a Slow-decaying Superluminous Supernova. <i>Astrophysical Journal</i> , 2020, 892, 28.	1.6	15
21	Detecting Pair-instability Supernovae at $z \approx 2.5$ with the James Webb Space Telescope. <i>Astrophysical Journal</i> , 2020, 894, 94.	1.6	13
22	Constraining the Source of the High-velocity Ejecta in Type Ia SN 2019ein. <i>Astrophysical Journal</i> , 2020, 897, 159.	1.6	16
23	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. <i>Astrophysical Journal</i> , 2020, 898, 166.	1.6	48
24	The Young and Nearby Normal Type Ia Supernova 2018gv: UV-optical Observations and the Earliest Spectropolarimetry. <i>Astrophysical Journal</i> , 2020, 902, 46.	1.6	32
25	Comparative Spectral Analysis of the Superluminous Supernova 2019neq. <i>Astrophysical Journal</i> , 2020, 900, 73.	1.6	7
26	The mass and density of the dwarf planet (225088) 2007 OR10. <i>Icarus</i> , 2019, 334, 3-10.	1.1	16
27	The Type II-P Supernova 2017eaw: From Explosion to the Nebular Phase. <i>Astrophysical Journal</i> , 2019, 876, 19.	1.6	42
28	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
29	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
30	The Double-peaked Radio Light Curve of Supernova PTF11qej. <i>Astrophysical Journal</i> , 2019, 872, 201.	1.6	17
31	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
32	Interaction of SN Ib 2004dk with a Previously Expelled Envelope. <i>Astrophysical Journal</i> , 2019, 883, 120.	1.6	14
33	The First Post-Kepler Brightness Dips of KIC 8462852. <i>Astrophysical Journal Letters</i> , 2018, 853, L8.	3.0	38
34	Main-belt Asteroids in the K2 Uranus Field. <i>Astrophysical Journal</i> , Supplement Series, 2018, 234, 37.	3.0	17
35	SN2012ab: a peculiar Type IIn supernova with aspherical circumstellar material. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1104-1120.	1.6	20
36	Surface Ice and Tholins on the Extreme Centaur 2012 DR ₃₀ . <i>Astronomical Journal</i> , 2018, 155, 170.	1.9	3

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37	Optical Observations of the Young Type Ic Supernova SN 2014L in M99. <i>Astrophysical Journal</i> , 2018, 863, 109.	1.6	11
38	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
39	Searching for the Expelled Hydrogen Envelope in Type I Supernovae via Late-Time H β Emission. <i>Astrophysical Journal</i> , 2017, 837, 62.	1.6	15
40	Discovery of a Satellite of the Large Trans-Neptunian Object (225088) 2007 OR ₁₀ . <i>Astrophysical Journal Letters</i> , 2017, 838, L1.	3.0	25
41	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
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	EXTREME SUPERNOVA MODELS FOR THE SUPER-LUMINOUS TRANSIENT ASASSN-15LH. <i>Astrophysical Journal</i> , 2016, 828, 94.	1.6	32
44	EXTENSIVE SPECTROSCOPY AND PHOTOMETRY OF THE TYPE IIP SUPERNOVA 2013ej. <i>Astrophysical Journal</i> , 2016, 822, 6.	1.6	54
45	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
46	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
47	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
48	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
49	EARLY OBSERVATIONS AND ANALYSIS OF THE TYPE Ia SN 2014J IN M82. <i>Astrophysical Journal</i> , 2015, 798, 39.	1.6	60
50	A LUMINOUS, FAST RISING UV-TRANSIENT DISCOVERED BY ROTSE: A TIDAL DISRUPTION EVENT?. <i>Astrophysical Journal</i> , 2015, 798, 12.	1.6	78
51	TYPE Iib SUPERNOVA SN 2011dh: SPECTRA AND PHOTOMETRY FROM THE ULTRAVIOLET TO THE NEAR-INFRARED. <i>Astrophysical Journal</i> , 2014, 781, 69.	1.6	35
52	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
53	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
54	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

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55	SNÂ2000cx and SNÂ2013bh: extremely rare, nearly twin Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1225-1237.	1.6	17
56	ANALYTICAL LIGHT CURVE MODELS OF SUPERLUMINOUS SUPERNOVAE: Î²²-MINIMIZATION OF PARAMETER FITS. Astrophysical Journal, 2013, 773, 76.	1.6	188
57	THE VERY YOUNG TYPE Ia SUPERNOVA 2013dy: DISCOVERY, AND STRONG CARBON ABSORPTION IN EARLY-TIME SPECTRA. Astrophysical Journal Letters, 2013, 778, L15.	3.0	82
58	A NEW SUB-PERIOD-MINIMUM CATAclysmic VARIABLE WITH PARTIAL HYDROGEN DEPLETION AND EVIDENCE OF SPIRAL DISK STRUCTURE. Astronomical Journal, 2013, 145, 145.	1.9	19
59	HIGH-VELOCITY LINE FORMING REGIONS IN THE TYPE Ia SUPERNOVA 2009ig. Astrophysical Journal, 2013, 777, 40.	1.6	44
60	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
61	THE UNUSUALLY LUMINOUS EXTRAGALACTIC NOVA SN 2010U. Astrophysical Journal, 2013, 765, 57.	1.6	5
62	Evolution of the Type IIb SN 2011fu. Proceedings of the International Astronomical Union, 2013, 9, 336-337.	0.0	0
63	Twelve type II-P supernovae seen with the eyes of <i>Spitzer</i>. Astronomy and Astrophysics, 2013, 549, A79.	2.1	30
64	GENERALIZED SEMI-ANALYTICAL MODELS OF SUPERNOVA LIGHT CURVES. Astrophysical Journal, 2012, 746, 121.	1.6	221
65	DISCOVERY OF A WOLF-RAYET STAR THROUGH DETECTION OF ITS PHOTOMETRIC VARIABILITY. Astronomical Journal, 2012, 143, 136.	1.9	3
66	SNÂ2006oz: rise of a super-luminous supernova observed by the SDSS-II SN Survey. Astronomy and Astrophysics, 2012, 541, A129.	2.1	124
67	VERY EARLY ULTRAVIOLET AND OPTICAL OBSERVATIONS OF THE TYPE Ia SUPERNOVA 2009ig. Astrophysical Journal, 2012, 744, 38.	1.6	124
68	Testing supernovae Ia distance measurement methods with SNÂ2011fe. Astronomy and Astrophysics, 2012, 546, A12.	2.1	39
69	Improved distance determination to Mâ€%51 from supernovae 2011dh and 2005cs. Astronomy and Astrophysics, 2012, 540, A93.	2.1	41
70	Measuring expansion velocities in Type II-P supernovae. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2783-2796.	1.6	50
71	THE VERY YOUNG TYPE Ia SUPERNOVA 2012cg: DISCOVERY AND EARLY-TIME FOLLOW-UP OBSERVATIONS. Astrophysical Journal Letters, 2012, 756, L7.	3.0	63
72	Dust formation in the ejecta of the type II-P supernova 2004dj. Astronomy and Astrophysics, 2011, 527, A61.	2.1	45

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73	Mass and Orbit Constraints of the Gamma-ray Binary LS 5039. Proceedings of the International Astronomical Union, 2011, 7, 331-332.	0.0	0
74	Type II-P supernovae in the mid-infrared. Proceedings of the International Astronomical Union, 2011, 7, 401-402.	0.0	0
75	SN 2008am: A SUPER-LUMINOUS TYPE II _n SUPERNOVA. Astrophysical Journal, 2011, 729, 143.	1.6	68
76	A STUDY OF CARBON FEATURES IN TYPE Ia SUPERNOVA SPECTRA. Astrophysical Journal, 2011, 732, 30.	1.6	101
77	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
78	THE MASSIVE PROGENITOR OF THE TYPE II-LINEAR SUPERNOVA 2009kr. Astrophysical Journal Letters, 2010, 714, L254-L259.	3.0	74
79	THE EXCEPTIONALLY LUMINOUS TYPE Ia SUPERNOVA 2007if. Astrophysical Journal, 2010, 715, 1338-1343.	1.6	59
80	<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
81	Mapping Atmospheric Motions in Classical and Type II Cepheids. , 2008, , 165-168.		0
82	Iron Abundances of Southern Double-mode Cepheids from High-resolution Echelle Spectroscopy. , 2008, , 169-172.		0
83	Inferring Photospheric Velocities from P Cygni Lines in Type IIP Supernova Atmospheres. , 2008, , 323-324.		0
84	The Expanding Photosphere Method: Progress and Problems. AIP Conference Proceedings, 2007, , .	0.3	2
85	Physical parameters and multiplicity of five southern close eclipsing binaries. Astronomy and Astrophysics, 2007, 465, 943-952.	2.1	44
86	8.4 GHz VLBI observations of SN 2004et in NGC 6946. Astronomy and Astrophysics, 2007, 470, 1071-1077.	2.1	15
87	Pulsation and orbit of AU Pegasi. Astronomische Nachrichten, 2007, 328, 837-840.	0.6	1
88	New homogeneous iron abundances of double-mode Cepheids from high-resolution echelle spectroscopy. Astronomy and Astrophysics, 2007, 473, 579-587.	2.1	28
89	The first year of SN 2004dj in NGC 2403~.... Monthly Notices of the Royal Astronomical Society, 2006, 369, 1780-1796.	1.6	58
90	Distance estimate and progenitor characteristics of SN 2005cs in M51. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1735-1740.	1.6	59

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91	First results of the Central-East-South European Binary Star Study Group (CESEB). <i>Astrophysics and Space Science</i> , 2006, 304, 51-53.	0.5	0
92	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
93	Distance of the hypernova SNÂ2002ap via the expanding photosphere method. <i>Astronomy and Astrophysics</i> , 2004, 427, 453-464.	2.1	30
94	Photometry of SN 2002bo with template image subtraction. <i>Astronomy and Astrophysics</i> , 2003, 408, 915-919.	2.1	7
95	Fundamental parameters and new variables of the galactic open cluster NGC 7128. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 872-886.	1.6	4
96	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
97	A photometric and spectroscopic study of the brightest northern Cepheids – III. A high-resolution view of Cepheid atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 420-432.	1.6	31
98	The Orbit of the Classical Cepheid AW Persei Revisited. <i>Astronomical Journal</i> , 2000, 120, 407-412.	1.9	8
99	Toward an Orbit for the Highâ€Luminosity Cepheid T Monocerotis. <i>Astrophysical Journal</i> , 1999, 524, 379-393.	1.6	14
100	Spectroscopic survey of field Type II Cepheids. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 824-838.	1.6	19
101	Baade-Wesselink Radius Determination of Type II Cepheids. <i>Astronomical Journal</i> , 1997, 113, 1833.	1.9	14
102	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
103	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
104	A method for testing first-order Markovian property of noise phenomena including $1/\mathcal{E}^3$ noise. <i>Physica B: Condensed Matter</i> , 1995, 216, 79-84.	1.3	3
105	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
106	Light curve and O?C diagram analysis of RZ Cassiopeiae. <i>Astrophysics and Space Science</i> , 1992, 187, 57-74.	0.5	6
107	Period variation of selected cepheids. <i>Astrophysics and Space Science</i> , 1991, 183, 17-36.	0.5	3