

# Nadejda Blagorodnova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7612807/publications.pdf>

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42  
papers

11,044  
citations

159585

30  
h-index

265206

42  
g-index

42  
all docs

42  
docs citations

42  
times ranked

10296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. <i>Astrophysical Journal</i> , 2021, 908, 4.	4.5	174
2	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 652, A76.	5.1	54
3	The luminous red nova AT 2018bwo in NGC 45 and its binary yellow supergiant progenitor. <i>Astronomy and Astrophysics</i> , 2021, 653, A134.	5.1	28
4	AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary* â€¢. <i>Astrophysical Journal</i> , 2021, 920, 127.	4.5	4
5	Progenitor, precursor, and evolution of the dusty remnant of the stellar merger M31-LRN-2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5503-5517.	4.4	20
6	PTF11rka: an interacting supernova at the crossroads of stripped-envelope and H-poor superluminous stellar core collapses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3542-3556.	4.4	6
7	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. <i>Astronomical Journal</i> , 2020, 160, 26.	4.7	28
8	Type IIcn supernova light-curve properties measured from an untargeted survey sample. <i>Astronomy and Astrophysics</i> , 2020, 637, A73.	5.1	47
9	Multiwavelength Photometry and Progenitor Analysis of the Nova V906 Car. <i>Astrophysical Journal</i> , 2020, 899, 162.	4.5	6
10	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078001.	3.1	453
11	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 878, L5.	8.3	24
12	Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 880, L20.	8.3	19
13	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. <i>Astrophysical Journal</i> , 2019, 879, 119.	4.5	38
14	A New Class of Changing-look LINERs. <i>Astrophysical Journal</i> , 2019, 883, 31.	4.5	66
15	Machine Learning for the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 038002.	3.1	83
16	The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution. <i>Astrophysical Journal</i> , 2019, 873, 92.	4.5	69
17	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. <i>Astrophysical Journal</i> , 2019, 872, 198.	4.5	74
18	The SPIRITS Sample of Luminous Infrared Transients: Uncovering Hidden Supernovae and Dusty Stellar Outbursts in Nearby Galaxies*. <i>Astrophysical Journal</i> , 2019, 886, 40.	4.5	38

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19	Fully automated integral field spectrograph pipeline for the SEDMachine: pysedm. <i>Astronomy and Astrophysics</i> , 2019, 627, A115.	5.1	89
20	The Zwicky Transient Facility: Data Processing, Products, and Archive. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018003.	3.1	610
21	The Zwicky Transient Facility: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018002.	3.1	1,020
22	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152.	4.5	77
23	iPTF Survey for Cool Transients. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 034202.	3.1	12
24	The SED Machine: A Robotic Spectrograph for Fast Transient Classification. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 035003.	3.1	132
25	Sifting for Sapphires: Systematic Selection of Tidal Disruption Events in iPTF. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 15.	7.7	30
26	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. <i>Nature Astronomy</i> , 2018, 2, 887-895.	10.1	39
27	Early Observations of the Type Ia Supernova iPTF 16abc: A Case of Interaction with Nearby, Unbound Material and/or Strong Ejecta Mixing. <i>Astrophysical Journal</i> , 2018, 852, 100.	4.5	49
28	iPTF Discovery of the Rapid "Turn-on" of a Luminous Quasar. <i>Astrophysical Journal</i> , 2017, 835, 144.	4.5	97
29	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , 2017, 356, 291-295.	12.6	168
30	Revisiting Optical Tidal Disruption Events with iPTF16axa. <i>Astrophysical Journal</i> , 2017, 842, 29.	4.5	124
31	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
32	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017, 844, 46.	4.5	111
33	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017, 834, 107.	4.5	81
34	A Tale of Two Transients: GW 170104 and GRB170105A. <i>Astrophysical Journal</i> , 2017, 845, 152.	4.5	29
35	iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. <i>Astrophysical Journal</i> , 2017, 847, 54.	4.5	23
36	iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. <i>Astrophysical Journal</i> , 2017, 851, 107.	4.5	57

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37	Black hole masses of tidal disruption event host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1694-1708.	4.4	108
38	The OmegaWhite Survey for Short-period Variable Stars. V. Discovery of an Ultracompact Hot Subdwarf Binary with a Compact Companion in a 44-minute Orbit. <i>Astrophysical Journal</i> , 2017, 851, 28.	4.5	21
39	Gaia16apd – a link between fast and slowly declining type I superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1246-1258.	4.4	39
40	The Gaia mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1.	5.1	4,509
41	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2.	5.1	1,590
42	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , 2015, 579, A40.	5.1	239