

# Sagi Ben-Ami

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,101  
citations

279798

23  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2233  
citing authors

#	ARTICLE	IF	CITATIONS
1	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 3.	7.7	180
2	PRECURSORS PRIOR TO TYPE II <sub>n</sub> SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. <i>Astrophysical Journal</i> , 2014, 789, 104.	4.5	175
3	CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. <i>Astrophysical Journal</i> , 2012, 755, 161.	4.5	174
4	SN 2011dh: DISCOVERY OF A TYPE II <sub>b</sub> SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. <i>Astrophysical Journal Letters</i> , 2011, 742, L18.	8.3	156
5	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
6	PTF11iqb: cool supergiant mass-loss that bridges the gap between Type II <sub>n</sub> and normal supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1876-1896.	4.4	111
7	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017, 844, 46.	4.5	111
8	THE TYPE II <sub>b</sub> SUPERNOVA 2013df AND ITS COOL SUPERGIANT PROGENITOR. <i>Astronomical Journal</i> , 2014, 147, 37.	4.7	99
9	REAL-TIME DETECTION AND RAPID MULTIWAVELENGTH FOLLOW-UP OBSERVATIONS OF A HIGHLY SUBLUMINOUS TYPE II-P SUPERNOVA FROM THE PALOMAR TRANSIENT FACTORY SURVEY. <i>Astrophysical Journal</i> , 2011, 736, 159.	4.5	81
10	PTF10iya: a short-lived, luminous flare from the nuclear region of a star-forming galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 2684-2699.	4.4	78
11	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. <i>Astrophysical Journal</i> , 2016, 820, 33.	4.5	75
12	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015, 799, 52.	4.5	68
13	INTERACTION-POWERED SUPERNOVAE: RISE-TIME VERSUS PEAK-LUMINOSITY CORRELATION AND THE SHOCK-BREAKOUT VELOCITY. <i>Astrophysical Journal</i> , 2014, 788, 154.	4.5	62
14	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. <i>Astrophysical Journal</i> , 2017, 835, 58.	4.5	61
15	Two New Calcium-rich Gap Transients in Group and Cluster Environments. <i>Astrophysical Journal</i> , 2017, 836, 60.	4.5	60
16	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 29.	7.7	56
17	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014, 785, 37.	4.5	54
18	SN 2010jp (PTF10aaxi): a jet in a Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1135-1144.	4.4	51

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19	CLASSICAL NOVAE IN ANDROMEDA: LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY AND GALEX. <i>Astrophysical Journal</i> , 2012, 752, 133.	4.5	46
20	DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE IC SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012, 760, L33.	8.3	42
21	THE DETECTION RATE OF EARLY UV EMISSION FROM SUPERNOVAE: A DEDICATED GALEX/PTF SURVEY AND CALIBRATED THEORETICAL ESTIMATES. <i>Astrophysical Journal</i> , 2016, 820, 57.	4.5	35
22	ULTRAVIOLET SPECTROSCOPY OF TYPE IIB SUPERNOVAE: DIVERSITY AND THE IMPACT OF CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2015, 803, 40.	4.5	28
23	Spectropolarimetry of SN2011dh in M51: geometric insights on a Type Iib supernova progenitor and explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 4467-4484.	4.4	23
24	The optical design of the G-CLEF Spectrograph: the first light instrument for the GMT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	23
25	Optimizing Ground-based Observations of O <sub>2</sub> in Earth Analogs. <i>Astronomical Journal</i> , 2019, 158, 24.	4.7	23
26	The GMT-Consortium Large Earth Finder (G-CLEF): an optical Echelle spectrograph for the Giant Magellan Telescope (GMT). <i>Proceedings of SPIE</i> , 2016, , .	0.8	19
27	The SED Machine: a dedicated transient IFU spectrograph. <i>Proceedings of SPIE</i> , 2012, , .	0.8	18
28	PTF 12gzk – A RAPIDLY DECLINING, HIGH-VELOCITY TYPE Ic RADIO SUPERNOVA. <i>Astrophysical Journal</i> , 2013, 778, 63.	4.5	18
29	High-resolution Spectroscopy Using Fabry-Perot Interferometer Arrays: An Application to Searches for O <sub>2</sub> in Exoplanetary Atmospheres. <i>Astrophysical Journal</i> , 2018, 861, 79.	4.5	13
30	A high-rate foreground of sub-second flares from geosynchronous satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2477-2484.	4.4	13
31	SMBH Seeds: Model Discrimination with High-energy Emission Based on Scaling Relation Evolution. <i>Astrophysical Journal</i> , 2018, 854, 4.	4.5	6
32	Be STARS IN THE OPEN CLUSTER NGC 6830. <i>Astronomical Journal</i> , 2016, 151, 121.	4.7	4
33	The MANIFEST prototyping design study. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
34	The SED Machine: A Spectrograph to Efficiently Classify Transient Events Discovered by PTF. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 281-282.	0.0	1
35	Multiplexed astronomical images: advantages, method, and prototype instrument. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
36	The opto-mechanical design of the GMT-Consortium Large Earth Finder (G-CLEF). <i>Proceedings of SPIE</i> , 2016, , .	0.8	1

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37	SN 2010jp (PTF10aaxi): A Jet-driven Type II Supernova. Proceedings of the International Astronomical Union, 2011, 7, 159-166.	0.0	0