

Eve C Ostriker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2638589/publications.pdf>

Version: 2024-02-01

135
papers

13,701
citations

17440

63
h-index

20358

116
g-index

137
all docs

137
docs citations

137
times ranked

5791
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of Star Formation. Annual Review of Astronomy and Astrophysics, 2007, 45, 565-687.	24.3	1,849
2	Magnetocentrifugally driven flows from young stars and disks. I: A generalized model. Astrophysical Journal, 1994, 429, 781.	4.5	1,064
3	Density, Velocity, and Magnetic Field Structure in Turbulent Molecular Cloud Models. Astrophysical Journal, 2001, 546, 980-1005.	4.5	684
4	Dissipation in Compressible Magnetohydrodynamic Turbulence. Astrophysical Journal, 1998, 508, L99-L102.	4.5	460
5	Dynamical Friction in a Gaseous Medium. Astrophysical Journal, 1999, 513, 252-258.	4.5	384
6	REGULATION OF STAR FORMATION RATES IN MULTIPHASE GALACTIC DISKS: A THERMAL/DYNAMICAL EQUILIBRIUM MODEL. Astrophysical Journal, 2010, 721, 975-994.	4.5	299
7	A general model for the CO-H ₂ conversion factor in galaxies with applications to the star formation law. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3127-3146.	4.4	298
8	MOMENTUM INJECTION BY SUPERNOVAE IN THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2015, 802, 99.	4.5	286
9	MAXIMALLY STAR-FORMING GALACTIC DISKS. I. STARBURST REGULATION VIA FEEDBACK-DRIVEN TURBULENCE. Astrophysical Journal, 2011, 731, 41.	4.5	264
10	Suppression of star formation in the galaxy NGC 253 by a starburst-driven molecular wind. Nature, 2013, 499, 450-453.	27.8	217
11	THREE-DIMENSIONAL HYDRODYNAMIC SIMULATIONS OF MULTIPHASE GALACTIC DISKS WITH STAR FORMATION FEEDBACK. I. REGULATION OF STAR FORMATION RATES. Astrophysical Journal, 2013, 776, 1.	4.5	179
12	THE STATE OF THE GAS AND THE RELATION BETWEEN GAS AND STAR FORMATION AT LOW METALLICITY: THE SMALL MAGELLANIC CLOUD. Astrophysical Journal, 2011, 741, 12.	4.5	178
13	CO Outflows from Young Stars: Confronting the Jet and Wind Models. Astrophysical Journal, 2000, 542, 925-945.	4.5	169
14	Magnetocentrifugally Driven Flows from Young Stars and Disks. IV. The Accretion Funnel and Dead Zone. Astrophysical Journal, 1995, 447, 813.	4.5	167
15	PHANGSâ€œALMA: Arcsecond CO(2â€œ1) Imaging of Nearby Star-forming Galaxies. Astrophysical Journal, Supplement Series, 2021, 257, 43.	7.7	161
16	Kinetic and Structural Evolution of Self-gravitating, Magnetized Clouds: 2.5-dimensional Simulations of Decaying Turbulence. Astrophysical Journal, 1999, 513, 259-274.	4.5	160
17	ALMA REVEALS THE MOLECULAR MEDIUM FUELING THE NEAREST NUCLEAR STARBURST. Astrophysical Journal, 2015, 801, 25.	4.5	157
18	Modeling UV Radiation Feedback from Massive Stars. II. Dispersal of Star-forming Giant Molecular Clouds by Photoionization and Radiation Pressure. Astrophysical Journal, 2018, 859, 68.	4.5	151

#	ARTICLE	IF	CITATIONS
19	Three-phase Interstellar Medium in Galaxies Resolving Evolution with Star Formation and Supernova Feedback (TIGRESS): Algorithms, Fiducial Model, and Convergence. <i>Astrophysical Journal</i> , 2017, 846, 133.	4.5	144
20	Formation and Fragmentation of Gaseous Spurs in Spiral Galaxies. <i>Astrophysical Journal</i> , 2002, 570, 132-151.	4.5	144
21	The CO-H ₂ conversion factor in disc galaxies and mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 664-679.	4.4	139
22	Numerical Simulations of Multiphase Winds and Fountains from Star-forming Galactic Disks. I. Solar Neighborhood TIGRESS Model. <i>Astrophysical Journal</i> , 2018, 853, 173.	4.5	138
23	The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. <i>Astrophysical Journal</i> , 2017, 846, 159.	4.5	136
24	REGULATION OF STAR FORMATION RATES IN MULTIPHASE GALACTIC DISKS: NUMERICAL TESTS OF THE THERMAL/DYNAMICAL EQUILIBRIUM MODEL. <i>Astrophysical Journal</i> , 2011, 743, 25.	4.5	129
25	Modelling CO emission - II. The physical characteristics that determine the factor in Galactic molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3253-3274.	4.4	129
26	Formation of Spiral Arm Spurs and Bound Clouds in Vertically Stratified Galactic Gas Disks. <i>Astrophysical Journal</i> , 2006, 646, 213-231.	4.5	119
27	Magnetically Aligned Velocity Anisotropy in the Taurus Molecular Cloud. <i>Astrophysical Journal</i> , 2008, 680, 420-427.	4.5	117
28	Hydrodynamic Simulations of Jet and Wind driven Protostellar Outflows. <i>Astrophysical Journal</i> , 2001, 557, 429-442.	4.5	116
29	Amplification, Saturation, and Thresholds for Runaway: Growth of Self-gravitating Structures in Models of Magnetized Galactic Gas Disks. <i>Astrophysical Journal</i> , 2001, 559, 70-95.	4.5	114
30	SUPERBUBBLES IN THE MULTIPHASE ISM AND THE LOADING OF GALACTIC WINDS. <i>Astrophysical Journal</i> , 2017, 834, 25.	4.5	114
31	Three-dimensional Simulations of Parker, Magneto-Jeans, and Swing Instabilities in Shearing Galactic Gas Disks. <i>Astrophysical Journal</i> , 2002, 581, 1080-1100.	4.5	109
32	Global Modeling of Spur Formation in Spiral Galaxies. <i>Astrophysical Journal</i> , 2006, 647, 997-1017.	4.5	109
33	Analysis of Clumps in Molecular Cloud Models: Mass Spectrum, Shapes, Alignment, and Rotation. <i>Astrophysical Journal</i> , 2003, 592, 203-216.	4.5	98
34	Star Formation Efficiency per Free-fall Time in nearby Galaxies. <i>Astrophysical Journal Letters</i> , 2018, 861, L18.	8.3	97
35	Kinematics of Spiral Arm Streaming in M51. <i>Astrophysical Journal</i> , 2007, 665, 1138-1158.	4.5	96
36	FORMATION OF MAGNETIZED PRESTELLAR CORES WITH AMBIPOLAR DIFFUSION AND TURBULENCE. <i>Astrophysical Journal</i> , 2014, 785, 69.	4.5	95

#	ARTICLE	IF	CITATIONS
37	Spectral Properties of Compressible Magnetohydrodynamic Turbulence from Numerical Simulations. <i>Astrophysical Journal</i> , 2003, 590, 858-873.	4.5	94
38	Magnetorotationally Driven Galactic Turbulence and the Formation of Giant Molecular Clouds. <i>Astrophysical Journal</i> , 2003, 599, 1157-1172.	4.5	94
39	MAXIMALLY STAR-FORMING GALACTIC DISKS. II. VERTICALLY RESOLVED HYDRODYNAMIC SIMULATIONS OF STARBURST REGULATION. <i>Astrophysical Journal</i> , 2012, 754, 2.	4.5	91
40	VERTICAL EQUILIBRIUM, ENERGETICS, AND STAR FORMATION RATES IN MAGNETIZED GALACTIC DISKS REGULATED BY MOMENTUM FEEDBACK FROM SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 815, 67.	4.5	89
41	Saturated State Turbulence and Structure from Thermal and Magnetorotational Instability in the ISM: Three-dimensional Numerical Simulations. <i>Astrophysical Journal</i> , 2005, 629, 849-864.	4.5	88
42	Multiphase Gas and the Fractal Nature of Radiative Turbulent Mixing Layers. <i>Astrophysical Journal Letters</i> , 2020, 894, L24.	8.3	88
43	Dynamical Equilibrium in the Molecular ISM in 28 Nearby Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020, 892, 148.	4.5	88
44	CO Outflows from Young Stellar Objects. <i>Astrophysical Journal</i> , 2002, 576, 294-312.	4.5	88
45	NUMERICAL SIMULATIONS OF TURBULENT MOLECULAR CLOUDS REGULATED BY REPROCESSED RADIATION FEEDBACK FROM NASCENT SUPER STAR CLUSTERS. <i>Astrophysical Journal</i> , 2015, 809, 187.	4.5	87
46	Thermal and Magnetorotational Instability in the Interstellar Medium: Two-dimensional Numerical Simulations. <i>Astrophysical Journal</i> , 2004, 601, 905-920.	4.5	86
47	Models of Vertically Stratified Two-phase ISM Disks with MRI-driven Turbulence. <i>Astrophysical Journal</i> , 2007, 663, 183-203.	4.5	86
48	Molecular Gas Properties on Cloud Scales across the Local Star-forming Galaxy Population. <i>Astrophysical Journal Letters</i> , 2020, 901, L8.	8.3	85
49	The Physical Nature of Starburst-driven Galactic Outflows. <i>Astrophysical Journal</i> , 2020, 895, 43.	4.5	83
50	Magnetohydrodynamic Instabilities in Shearing, Rotating, Stratified Winds and Disks. <i>Astrophysical Journal</i> , 2000, 540, 372-403.	4.5	82
51	DENSE CORE FORMATION IN SUPERSONIC TURBULENT CONVERGING FLOWS. <i>Astrophysical Journal</i> , 2011, 729, 120.	4.5	82
52	A TWO-MOMENT RADIATION HYDRODYNAMICS MODULE IN <i>ATHENA</i> USING A TIME-EXPLICIT GODUNOV METHOD. <i>Astrophysical Journal</i> , Supplement Series, 2013, 206, 21.	7.7	82
53	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2017, 835, 265.	4.5	80
54	Self-similar Magnetocentrifugal Disk Winds with Cylindrical Asymptotics. <i>Astrophysical Journal</i> , 1997, 486, 291-306.	4.5	79

#	ARTICLE	IF	CITATIONS
55	AHubble Space TelescopeArchival Survey of Feathers in Spiral Galaxies. <i>Astrophysical Journal</i> , 2006, 650, 818-834.	4.5	78
56	A Simple and Accurate Network for Hydrogen and Carbon Chemistry in the Interstellar Medium. <i>Astrophysical Journal</i> , 2017, 843, 38.	4.5	78
57	Capture and induced disk accretion in young star encounters. <i>Astrophysical Journal</i> , 1994, 424, 292.	4.5	78
58	NUMERICAL SIMULATIONS OF TURBULENT MOLECULAR CLOUDS REGULATED BY RADIATION FEEDBACK FORCES. I. STAR FORMATION RATE AND EFFICIENCY. <i>Astrophysical Journal</i> , 2016, 829, 130.	4.5	75
59	Dense Gas, Dynamical Equilibrium Pressure, and Star Formation in Nearby Star-forming Galaxies. <i>Astrophysical Journal</i> , 2018, 858, 90.	4.5	75
60	Cloud and Star Formation in Disk Galaxy Models with Feedback. <i>Astrophysical Journal</i> , 2008, 684, 978-995.	4.5	70
61	Gravitational Runaway and Turbulence Driving in Star-Gas Galactic Disks. <i>Astrophysical Journal</i> , 2007, 660, 1232-1245.	4.5	69
62	Forming Super Star Clusters in the Central Starburst of NGC 253. <i>Astrophysical Journal</i> , 2018, 869, 126.	4.5	68
63	First Results from SMAUG: Characterization of Multiphase Galactic Outflows from a Suite of Local Star-forming Galactic Disk Simulations. <i>Astrophysical Journal</i> , 2020, 900, 61.	4.5	68
64	The EDGE-CALIFA Survey: Variations in the Molecular Gas Depletion Time in Local Galaxies. <i>Astrophysical Journal</i> , 2017, 849, 26.	4.5	64
65	DISRUPTION OF MOLECULAR CLOUDS BY EXPANSION OF DUSTY H II REGIONS. <i>Astrophysical Journal</i> , 2016, 819, 137.	4.5	63
66	Bound Outflows, Unbound Ejecta, and the Shaping of Bipolar Remnants during Stellar Coalescence. <i>Astrophysical Journal</i> , 2018, 868, 136.	4.5	63
67	Star Formation Efficiency and Dispersal of Giant Molecular Clouds with UV Radiation Feedback: Dependence on Gravitational Boundedness and Magnetic Fields. <i>Astrophysical Journal</i> , 2021, 911, 128.	4.5	63
68	Efficiently Cooled Stellar Wind Bubbles in Turbulent Clouds. I. Fractal Theory and Application to Star-forming Clouds. <i>Astrophysical Journal</i> , 2021, 914, 89.	4.5	62
69	PRESSURE RELATIONS AND VERTICAL EQUILIBRIUM IN THE TURBULENT, MULTIPHASE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2009, 693, 1346-1359.	4.5	58
70	The Effect of the Coriolis Force on Kelvin-Helmholtz-driven Mixing in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2005, 630, 1093-1106.	4.5	58
71	Runaway Coalescence at the Onset of Common Envelope Episodes. <i>Astrophysical Journal</i> , 2018, 863, 5.	4.5	56
72	ANISOTROPIC FORMATION OF MAGNETIZED CORES IN TURBULENT CLOUDS. <i>Astrophysical Journal</i> , 2015, 810, 126.	4.5	55

#	ARTICLE	IF	CITATIONS
73	THE <i>ATHENA</i> ASTROPHYSICAL MAGNETOHYDRODYNAMICS CODE IN CYLINDRICAL GEOMETRY. <i>Astrophysical Journal, Supplement Series</i> , 2010, 188, 290-311.	7.7	53
74	Galactic Disk Winds Driven by Cosmic Ray Pressure. <i>Astrophysical Journal</i> , 2018, 854, 89.	4.5	53
75	The X _{CO} Conversion Factor from Galactic Multiphase ISM Simulations. <i>Astrophysical Journal</i> , 2018, 858, 16.	4.5	52
76	Hyper- and Suspended-Accretion States of Rotating Black Holes and the Durations of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2001, 552, L31-L34.	4.5	51
77	CARMA LARGE AREA STAR FORMATION SURVEY: STRUCTURE AND KINEMATICS OF DENSE GAS IN SERPENS MAIN. <i>Astrophysical Journal</i> , 2014, 797, 76.	4.5	51
78	IMPLEMENTATION OF SINK PARTICLES IN THE <i>ATHENA</i> CODE. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 8.	7.7	50
79	GAS PROPERTIES AND IMPLICATIONS FOR GALACTIC STAR FORMATION IN NUMERICAL MODELS OF THE TURBULENT, MULTIPHASE INTERSTELLAR MATTER. <i>Astrophysical Journal</i> , 2009, 693, 1316-1345.	4.5	49
80	PROTOSTAR FORMATION IN SUPERSONIC FLOWS: GROWTH AND COLLAPSE OF SPHERICAL CORES. <i>Astrophysical Journal</i> , 2009, 699, 230-244.	4.5	49
81	Evolution of supernovae-driven superbubbles with conduction and cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1961-1990.	4.4	49
82	Galactic Spiral Shocks with Thermal Instability. <i>Astrophysical Journal</i> , 2008, 681, 1148-1162.	4.5	48
83	The Environmental Dependence of the X _{CO} Conversion Factor. <i>Astrophysical Journal</i> , 2020, 903, 142.	4.5	47
84	A Ballistic Bow Shock Model for Jet-driven Protostellar Outflow Shells. <i>Astrophysical Journal</i> , 2001, 557, 443-450.	4.5	46
85	Chemistry and radiative shielding in star-forming galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 885-905.	4.4	44
86	Modeling UV Radiation Feedback from Massive Stars. I. Implementation of Adaptive Ray-tracing Method and Tests. <i>Astrophysical Journal</i> , 2017, 851, 93.	4.5	43
87	Efficiently Cooled Stellar Wind Bubbles in Turbulent Clouds. II. Validation of Theory with Hydrodynamic Simulations. <i>Astrophysical Journal</i> , 2021, 914, 90.	4.5	43
88	THREE-DIMENSIONAL HYDRODYNAMIC SIMULATIONS OF MULTIPHASE GALACTIC DISKS WITH STAR FORMATION FEEDBACK. II. SYNTHETIC H I 21 cm LINE OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 786, 64.	4.5	42
89	Interstellar Turbulence Driving by Galactic Spiral Shocks. <i>Astrophysical Journal</i> , 2006, 649, L13-L16.	4.5	41
90	Magnetohydrodynamic Particle-in-cell Simulations of the Cosmic-Ray Streaming Instability: Linear Growth and Quasi-linear Evolution. <i>Astrophysical Journal</i> , 2019, 876, 60.	4.5	41

#	ARTICLE	IF	CITATIONS
91	The EDGE-CALIFA Survey: Evidence for Pervasive Extraplanar Diffuse Ionized Gas in Nearby Edge-on Galaxies. <i>Astrophysical Journal</i> , 2019, 882, 84.	4.5	40
92	PRESTELLAR CORE FORMATION, EVOLUTION, AND ACCRETION FROM GRAVITATIONAL FRAGMENTATION IN TURBULENT CONVERGING FLOWS. <i>Astrophysical Journal</i> , 2015, 806, 31.	4.5	38
93	Modeling UV Radiation Feedback from Massive Stars. III. Escape of Radiation from Star-forming Giant Molecular Clouds. <i>Astrophysical Journal</i> , 2019, 883, 102.	4.5	37
94	Local Simulations of Spiral Galaxies with the TIGRESS Framework. I. Star Formation and Arm Spurs/Feathers. <i>Astrophysical Journal</i> , 2020, 898, 35.	4.5	37
95	CARMA LARGE AREA STAR FORMATION SURVEY: PROJECT OVERVIEW WITH ANALYSIS OF DENSE GAS STRUCTURE AND KINEMATICS IN BARNARD 1. <i>Astrophysical Journal</i> , 2014, 794, 165.	4.5	36
96	Near-resonant excitation and propagation of eccentric density waves by external forcing. <i>Astrophysical Journal</i> , 1992, 399, 192.	4.5	32
97	Molecular Cloud Populations in the Context of Their Host Galaxy Environments: A Multiwavelength Perspective. <i>Astronomical Journal</i> , 2022, 164, 43.	4.7	31
98	Kinematics of the Molecular Sheath of the HH 111 Optical Jet. <i>Astrophysical Journal</i> , 1997, 482, L195-L198.	4.5	30
99	Self-gravitating filament formation from shocked flows: velocity gradients across filaments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3675-3685.	4.4	28
100	A Framework for Multiphase Galactic Wind Launching Using TIGRESS. <i>Astrophysical Journal Letters</i> , 2020, 903, L34.	8.3	27
101	Numerical Simulations of Turbulent Molecular Clouds Regulated by Radiation Feedback Forces. II. Radiation-Gas Interactions and Outflows. <i>Astrophysical Journal</i> , 2017, 850, 112.	4.5	26
102	Kinematics and Dynamics of Multiphase Outflows in Simulations of the Star-forming Galactic Interstellar Medium. <i>Astrophysical Journal</i> , 2020, 894, 12.	4.5	26
103	Geometry, Kinematics, and Magnetization of Simulated Prestellar Cores. <i>Astrophysical Journal</i> , 2018, 865, 34.	4.5	25
104	Diffuse Ionized Gas in Simulations of Multiphase, Star-forming Galactic Disks. <i>Astrophysical Journal</i> , 2020, 897, 143.	4.5	24
105	GALACTIC SPIRAL SHOCKS WITH THERMAL INSTABILITY IN VERTICALLY STRATIFIED GALACTIC DISKS. <i>Astrophysical Journal</i> , 2010, 720, 1454-1471.	4.5	22
106	AMBIPOLAR DIFFUSION IN ACTION: TRANSIENT C SHOCK STRUCTURE AND PRESTELLAR CORE FORMATION. <i>Astrophysical Journal</i> , 2012, 744, 124.	4.5	22
107	The kinematics and dynamics of the rich cluster of galaxies Abell 539. <i>Astronomical Journal</i> , 1988, 96, 1775.	4.7	22
108	Detection of Dense Molecular Gas in Interarm Spurs in M51. <i>Astrophysical Journal</i> , 2008, 689, 148-152.	4.5	21

#	ARTICLE	IF	CITATIONS
109	Recovering Interstellar Gas Properties with HI Spectral Lines: A Comparison between Synthetic Spectra and 21-SPONGE. <i>Astrophysical Journal</i> , 2017, 837, 55.	4.5	21
110	The Impact of Type Ia Supernovae in Quiescent Galaxies. II. Energetics and Turbulence. <i>Astrophysical Journal</i> , 2020, 898, 23.	4.5	20
111	Star Formation Regulation and Self-pollution by Stellar Wind Feedback. <i>Astrophysical Journal Letters</i> , 2021, 922, L3.	8.3	20
112	GALAXY OUTFLOWS WITHOUT SUPERNOVAE. <i>Astrophysical Journal</i> , 2016, 818, 28.	4.5	19
113	Influence of Ionâ€œNeutral Damping on the Cosmic-Ray Streaming Instability: Magnetohydrodynamic Particle-in-cell Simulations. <i>Astrophysical Journal</i> , 2021, 914, 3.	4.5	17
114	Cloud Properties and Correlations with Star Formation in Self-consistent Simulations of the Multiphase ISM. <i>Astrophysical Journal</i> , 2020, 898, 52.	4.5	17
115	Cosmic-Ray Transport in Simulations of Star-forming Galactic Disks. <i>Astrophysical Journal</i> , 2021, 922, 11.	4.5	17
116	Star Formation in Nuclear Rings with the TIGRESS Framework. <i>Astrophysical Journal</i> , 2021, 914, 9.	4.5	16
117	Cosmic-Ray Transport in Varying Galactic Environments. <i>Astrophysical Journal</i> , 2022, 929, 170.	4.5	16
118	Investigating the complex velocity structures within dense molecular cloud cores with GBT-Argus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 527-539.	4.4	15
119	Isothermal, Compton-heated coronae above accretion disks. <i>Astrophysical Journal</i> , 1991, 377, 593.	4.5	15
120	The observable properties of cool winds from galaxies, AGN, and star clusters â€œ I. Theoretical framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4061-4086.	4.4	14
121	Radiative Supernova Remnants and Supernova Feedback. <i>Astrophysical Journal</i> , 2020, 905, 35.	4.5	14
122	The Impact of Type Ia Supernovae in Quiescent Galaxies. I. Formation of the Multiphase Interstellar Medium. <i>Astrophysical Journal</i> , 2020, 894, 44.	4.5	13
123	Slow Star Formation in the Milky Way: Theory Meets Observations. <i>Astrophysical Journal Letters</i> , 2022, 929, L18.	8.3	13
124	Effects of Varying Mass Inflows on Star Formation in Nuclear Rings of Barred Galaxies. <i>Astrophysical Journal</i> , 2022, 925, 99.	4.5	12
125	A Fast Poisson Solver of Second-order Accuracy for Isolated Systems in Three-dimensional Cartesian and Cylindrical Coordinates. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 24.	7.7	11
126	MHD-PIC Simulations of Cosmic-Ray Scattering and Transport in Inhomogeneously Ionized Plasma. <i>Astrophysical Journal</i> , 2021, 920, 141.	4.5	10

#	ARTICLE	IF	CITATIONS
127	Suppression of Gravitational Structure Formation by Cosmological Accretion Heating. <i>Astrophysical Journal</i> , 2001, 561, 496-503.	4.5	9
128	Synthetic Absorption Lines from Simulations of Multiphase Gas in Galactic Winds. <i>Astrophysical Journal</i> , 2021, 919, 112.	4.5	3
129	First Results from SMAUG: Insights into Star Formation Conditions from Spatially Resolved ISM Properties in TNG50. <i>Astrophysical Journal</i> , 2022, 926, 139.	4.5	3
130	Cylindrically-Collimated, Self-Similar MHD Disk Outflows. <i>International Astronomical Union Colloquium</i> , 1997, 163, 439-442.	0.1	2
131	Star Formation and Gas Dynamics in Galactic Disks: Physical Processes and Numerical Models. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 467-474.	0.0	1
132	ISM turbulence driven by the magnetorotational instability. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 65-69.	0.0	0
133	Non-stellar sources of turbulence in the interstellar medium. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 70-75.	0.0	0
134	Numerical modeling of multiphase, turbulent galactic disks with star formation feedback. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 609-610.	0.0	0
135	Stellar Explosions in High-surface Density Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 232-232.	0.0	0