Pasquale Blasi

List of Publications by Year
in descending order

180 papers	10,930 citations	25034 57 h-index	31849 101 g-index
182 all docs	182 docs citations	182 times ranked	4475 citing authors

#	Article	IF	Citations
1	Particle acceleration and multimessenger emission from starburst-driven galactic winds. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1336-1348.	4.4	19
2	Cosmic-ray generated bubbles around their sources. Monthly Notices of the Royal Astronomical Society, 2022, 512, 233-244.	4.4	6
3	Relativistic Particle Transport and Acceleration in Structured Plasma Turbulence. Astrophysical Journal, 2022, 928, 25.	4.5	15
4	Microphysics of Diffusive Shock Acceleration: Impact on the Spectrum of Accelerated Particles. Astrophysical Journal, 2022, 930, 28.	4.5	3
5	Particle acceleration in winds of star clusters. Monthly Notices of the Royal Astronomical Society, 2021, 504, 6096-6105.	4.4	51
6	Galactic factories of cosmic-ray electrons and positrons. Physical Review D, 2021, 103, .	4.7	40
7	High precision particle astrophysics as a new window on the universe with an Antimatter Large Acceptance Detector In Orbit (ALADInO). Experimental Astronomy, 2021, 51, 1299-1330.	3.7	9
8	Dynamical Effects of Cosmic Rays on the Medium Surrounding Their Sources. Astrophysical Journal Letters, 2021, 914, L13.	8.3	15
9	Cosmic ray protons and electrons from supernova remnants. Astronomy and Astrophysics, 2021, 650, A62.	5.1	17
10	Intermediate-mass and heavy Galactic cosmic-ray nuclei: The case of new AMS-02 measurements. Physical Review D, 2021, 103, .	4.7	13
11	Stochastic nature of Galactic cosmic-ray sources. Physical Review D, 2021, 104, .	4.7	7
12	Atmospheric neutrinos and the knee of the cosmic ray spectrum. Astroparticle Physics, 2020, 114, 22-29.	4.3	6
13	Novel aspects of cosmic ray diffusion in synthetic magnetic turbulence. Physical Review D, 2020, 102, .	4.7	26
14	The low rate of Galactic pevatrons. Astroparticle Physics, 2020, 123, 102492.	4.3	35
15	Signature of Energy Losses on the Cosmic Ray Electron Spectrum. Physical Review Letters, 2020, 125, 051101.	7.8	23
16	Contribution of starburst nuclei to the diffuse gamma-ray and neutrino flux. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5880-5891.	4.4	37
17	AMS-02 beryllium data and its implication for cosmic ray transport. Physical Review D, 2020, 101, .	4.7	70
18	Kinetic Simulations of Cosmic-Ray-modified Shocks. II. Particle Spectra. Astrophysical Journal, 2020, 905, 2.	4.5	44

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19	Effects of re-acceleration and source grammage on secondary cosmic rays spectra. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2068-2078.	4.4	15
20	Gamma-rays from reaccelerated particles at supernova remnant shocks. Monthly Notices of the Royal Astronomical Society, 2019, 489, 108-115.	4.4	8
21	Escape of Cosmic Rays from the Galaxy and Effects on the Circumgalactic Medium. Physical Review Letters, 2019, 122, 051101.	7.8	24
22	Galactic cosmic rays after the AMS-02 observations. Physical Review D, 2019, 99, .	4.7	83
23	Cosmic ray transport and radiative processes in nuclei of starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 487, 168-180.	4.4	54
24	The Self-Control of Cosmic Rays. Galaxies, 2019, 7, 64.	3.0	12
25	Diffuse gamma-ray emission from self-confined cosmic rays around Galactic sources. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1944-1954.	4.4	25
26	Cosmic ray transport in the Galaxy: A review. Advances in Space Research, 2018, 62, 2731-2749.	2.6	105
27	Non-linear Cosmic Ray Propagation. Nuclear and Particle Physics Proceedings, 2018, 297-299, 115-124.	0.5	2
28	Origin of the Cosmic Ray Galactic Halo Driven by Advected Turbulence and Self-Generated Waves. Physical Review Letters, 2018, 121, 021102.	7.8	67
29	Selected Topics in Cosmic Ray Physics. , 2018, , 1-95.		11
30	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7â˘3946. Astrophysical Journal, 2017, 840, 74.	4.5	14
31	Charged Particle Diffusion in Isotropic Random Magnetic Fields. Astrophysical Journal, 2017, 837, 140.	4.5	37
32	Gamma-ray emission from self-confined cosmic rays around their galactic sources. AIP Conference Proceedings, 2017, , .	0.4	1
33	On the spectrum of stable secondary nuclei in cosmic rays. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1662-1670.	4.4	23
34	Cosmic ray-driven winds in the Galactic environment and the cosmic ray spectrum. Monthly Notices of the Royal Astronomical Society, 2017, 470, 865-881.	4.4	21
35	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
36	Spectra of accelerated particles at supernova shocks in the presence of neutral hydrogen: the case of Tycho. Astronomy and Astrophysics, 2016, 589, A7.	5.1	17

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37	Supernova remnant W44: a case of cosmic-ray reacceleration. Astronomy and Astrophysics, 2016, 595, A58.	5.1	45
38	Cosmic ray driven Galactic winds. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4227-4239.	4.4	75
39	Grammage of cosmic rays around Galactic supernova remnants. Physical Review D, 2016, 94, .	4.7	48
40	On the radial distribution of Galactic cosmic rays. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 462, L88-L92.	3.3	45
41	High-Energy Cosmic Ray Self-Confinement Close to Extra-Galactic Sources. Physical Review Letters, 2015, 115, 121101.	7.8	22
42	Galactic cosmic rays. EPJ Web of Conferences, 2015, 105, 00002.	0.3	0
43	The fate of ultrahigh energy nuclei in the immediate environment of young fast-rotating pulsars. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 026-026.	5.4	45
44	Nonlinear cosmic ray Galactic transport in the light of AMS-02 and Voyager data. Astronomy and Astrophysics, 2015, 583, A95.	5.1	58
45	On the cosmic ray spectrum from type II supernovae expanding in their red giant presupernova wind. Astroparticle Physics, 2015, 69, 1-10.	4.3	61
46	Cosmic ray acceleration and Balmer emission from RCW 86 (G315.4â€‰â€“â€‰2.3). Astronomy and Astrophysics, 2014, 562, A141.	5.1	16
47	Ultra high energy cosmic rays: implications of Auger data for source spectra and chemical composition. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 020-020.	5.4	105
48	Recent developments in cosmic ray physics. Nuclear Physics, Section B, Proceedings Supplements, 2014, 256-257, 36-47.	0.4	6
49	Recent Results in Cosmic Ray Physics and Their Interpretation. Brazilian Journal of Physics, 2014, 44, 426-440.	1.4	20
50	Origin of very high- and ultra-high-energy cosmic rays. Comptes Rendus Physique, 2014, 15, 329-338.	0.9	26
51	Propagation of galactic cosmic rays in the presence of self-generated turbulence. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 001-001.	5.4	50
52	XIPE: the X-ray imaging polarimetry explorer. Experimental Astronomy, 2013, 36, 523-567.	3.7	103
53	The origin of galactic cosmic rays. Astronomy and Astrophysics Review, 2013, 21, 1.	25.5	334
54	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504

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55	Origin of Galactic Cosmic Rays. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 140-147.	0.4	14
56	COLLISIONLESS SHOCKS IN A PARTIALLY IONIZED MEDIUM. III. EFFICIENT COSMIC RAY ACCELERATION. Astrophysical Journal, 2013, 768, 148.	4.5	47
57	Cosmic ray acceleration and Balmer emission from SNR 0509-67.5. Astronomy and Astrophysics, 2013, 557, A142.	5.1	18
58	Broad Balmer line emission and cosmic ray acceleration efficiency in supernova remnant shocks. Astronomy and Astrophysics, 2013, 558, A25.	5.1	23
59	Theoretical challenges in acceleration and transport of ultra high energy cosmic rays: A review. EPJ Web of Conferences, 2013, 53, 01002.	0.3	3
60	Diffusive propagation of cosmic rays from supernova remnants in the Galaxy. I: spectrum and chemical composition. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 010-010.	5.4	133
61	Diffusive propagation of cosmic rays from supernova remnants in the Galaxy. II: anisotropy. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 011-011.	5.4	126
62	COLLISIONLESS SHOCKS IN A PARTIALLY IONIZED MEDIUM. II. BALMER EMISSION. Astrophysical Journal, 2012, 760, 137.	4.5	48
63	COLLISIONLESS SHOCKS IN A PARTIALLY IONIZED MEDIUM. I. NEUTRAL RETURN FLUX AND ITS EFFECTS ON ACCELERATION OF TEST PARTICLES. Astrophysical Journal, 2012, 755, 121.	4.5	79
64	Probing the origin of giant radio haloes through radio and Î³-ray data: the case of the Coma cluster. Monthly Notices of the Royal Astronomical Society, 2012, 426, 956-968.	4.4	73
65	Spectral Breaks as a Signature of Cosmic Ray Induced Turbulence in the Galaxy. Physical Review Letters, 2012, 109, 061101.	7.8	190
66	Ultrahigh energy neutrinos from population III stars: Concept and constraints. Physical Review D, 2012, 85, .	4.7	15
67	Non-linear diffusive acceleration of heavy nuclei in supernova remnant shocks. Astroparticle Physics, 2011, 34, 447-456.	4.3	50
68	Positrons from pulsar winds. Thirty Years of Astronomical Discovery With UKIRT, 2011, , 623-641.	0.3	23
69	Shock acceleration in partially neutral plasmas. , 2011, , .		0
70	On the origin of high energy cosmic rays. Journal of Physics: Conference Series, 2010, 203, 012017.	0.4	1
71	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. Astrophysical Journal Letters, 2010, 717, L71-L78.	8.3	140
72	The contribution of supernova remnants to the galactic cosmic ray spectrum. Astroparticle Physics, 2010, 33, 160-168.	4.3	95

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73	Non-linear diffusive shock acceleration with free-escape boundary. Astroparticle Physics, 2010, 33, 307-311.	4.3	68
74	Spatial structure of X-ray filaments in SN 1006. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 405, L21-L25.	3.3	55
75	Shock acceleration of electrons in the presence of synchrotron losses - I. Test-particle theory. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2807-2816.	4.4	45
76	Origin of the Positron Excess in Cosmic Rays. Physical Review Letters, 2009, 103, 051104.	7.8	255
77	Identifying Nearby Accelerators of Ultrahigh Energy Cosmic Rays Using Ultrahigh Energy (and Very) Tj ETQq1 1 0.784314 rgBT /Overlock	7.8	9
78	High-Energy Antiprotons from Old Supernova Remnants. Physical Review Letters, 2009, 103, 081103.	7.8	141
79	High energy emission from galaxy clusters and particle acceleration due to MHD turbulence. , 2009, , .		2
80	Gamma rays and neutrinos from SNR RX J1713.7â€“3946. Astroparticle Physics, 2009, 31, 376-382.	4.3	14
81	Gamma-ray emission from SNR RX J1713.7â^'3946 and the origin of galactic cosmic rays. Monthly Notices of the Royal Astronomical Society, 2009, 392, 240-250.	4.4	102
82	A kinetic approach to cosmic-ray-induced streaming instability at supernova shocks. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1591-1600.	4.4	128
83	Dynamical feedback of self-generated magnetic fields in cosmic ray modified shocks. Monthly Notices of the Royal Astronomical Society, 2009, 395, 895-906.	4.4	100
84	On the escape of particles from cosmic ray modified shocks. Monthly Notices of the Royal Astronomical Society, 2009, 396, 2065-2073.	4.4	82
85	Pulsars as the sources of high energy cosmic ray positrons. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 025-025.	5.4	473
86	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. Astroparticle Physics, 2008, 29, 188-204.	4.3	305
87	Origin of high energy cosmic rays: A short review. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 166-170.	1.6	7
88	Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.	4.3	161
89	Kinetic approaches to particle acceleration at cosmic ray modified shocks. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1946-1958.	4.4	15
90	Signatures of the transition from galactic to extragalactic cosmic rays. Physical Review D, 2008, 77, .	4.7	39

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91	Observation of the Suppression of the Flux of Cosmic Rays above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mn>19</mml:mn></mml Physical Review Letters, 2008, 101, 061101.	7.8	500
92	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. Physical Review Letters, 2008, 100, 211101.	7.8	141
93	Gamma ray emission and stochastic particle acceleration in galaxy clusters. , 2008, , .		3
94	Dynamical Effects of Self-Generated Magnetic Fields in Cosmic-Ray-modified Shocks. Astrophysical Journal, 2008, 679, L139-L142.	4.5	67
95	GAMMA RAYS FROM CLUSTERS OF GALAXIES. International Journal of Modern Physics A, 2007, 22, 681-706.	1.5	89
96	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	12.6	647
97	Numerical propagation of high energy cosmic rays in the Galaxy: I. Technical issues. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 027-027.	5.4	46
98	Particle Acceleration in Supernova Remnants and the Production of Thermal and Nonthermal Radiation. Astrophysical Journal, 2007, 661, 879-891.	4.5	93
99	On Particle Acceleration around Shocks. IV. Particle Spectrum as a Function of the Equation of State of the Shocked Plasma. Astrophysical Journal, 2007, 662, 980-987.	4.5	6
100	Open questions with ultra-high energy cosmic rays. Journal of Physics: Conference Series, 2007, 60, 20-25.	0.4	0
101	On Particle Acceleration around Shocks. III. Shock Waves Moving at Arbitrary Speed. The Case of Largeâ€Scale Magnetic Field and Anisotropic Scattering. Astrophysical Journal, 2007, 658, 1069-1080.	4.5	12
102	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. Astroparticle Physics, 2007, 27, 155-168.	4.3	90
103	Acceleration of Cosmic Rays. Nuclear Physics, Section B, Proceedings Supplements, 2007, 165, 122-129.	0.4	2
104	The maximum momentum of particles accelerated at cosmic ray modified shocks. Monthly Notices of the Royal Astronomical Society, 2007, 375, 1471-1478.	4.4	80
105	Gamma rays from molecular clouds. Astrophysics and Space Science, 2007, 309, 365-371.	1.4	110
106	A dip in the UHECR spectrum and the transition from galactic to extragalactic cosmic rays. Astroparticle Physics, 2007, 27, 76-91.	4.3	126
107	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. Astroparticle Physics, 2007, 27, 244-253.	4.3	51
108	High energy neutrinos from cosmic ray interactions in clusters of galaxies. Physical Review D, 2006, 73, .	4.7	22

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109	The origin of ultra high energy cosmic rays. Journal of Physics: Conference Series, 2006, 39, 372-378.	0.4	2
110	Kinetic approaches to non-linear particle acceleration at shock fronts. Proceedings of the International Astronomical Union, 2006, 2, 101-101.	0.0	0
111	Non-linear particle acceleration at non-relativistic shock waves in the presence of self-generated turbulence. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1251-1258.	4.4	142
112	Cosmic ray physics from low to extreme energies: Status and perspectives. Advances in Space Research, 2006, 37, 1834-1840.	2.6	1
113	Small scale anisotropy predictions for the Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 015-015.	5.4	6
114	A closer look at the spectrum and small scale anisotropies of ultrahigh energy cosmic rays. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 002-002.	5.4	10
115	PHENOMENOLOGY OF SPACE TIME FLUCTUATIONS. , 2006, , .		1
116	On Particle Acceleration around Shocks. II. A Fully General Method for Arbitrary Shock Velocities and Scattering Media. Astrophysical Journal, 2005, 626, 877-886.	4.5	30
117	A Window on the Ultra-High Energy Universe. Highlights of Astronomy, 2005, 13, 34-37.	0.0	0
118	High energy gamma ray counterparts of astrophysical sources of ultra-high energy cosmic rays. Astroparticle Physics, 2005, 23, 211-226.	4.3	25
119	On the role of injection in kinetic approaches to non-linear particle acceleration at non-relativistic shock waves. Monthly Notices of the Royal Astronomical Society, 2005, 361, 907-918.	4.4	153
120	AlfvÃ©nic reacceleration of relativistic particles in galaxy clusters in the presence of secondary electrons and positrons. Monthly Notices of the Royal Astronomical Society, 2005, 363, 1173-1187.	4.4	79
121	A general solution to non-linear particle acceleration at non-relativistic shock waves. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 364, L76-L80.	3.3	97
122	Cosmic Rays and Gamma Radiation from Clusters of Galaxies. AIP Conference Proceedings, 2005, , .	0.4	0
123	Acceleration and Propagation of Ultra High Energy Cosmic Rays. AIP Conference Proceedings, 2005, , .	0.4	0
124	Non-linear shock acceleration and high energy gamma rays from clusters of galaxies. AIP Conference Proceedings, 2005, , .	0.4	0
125	On the role of injection in kinetic approaches to nonlinear particle acceleration at non relativistic shocks. AIP Conference Proceedings, 2005, , .	0.4	0
126	ON THE ORIGIN OF VERY HIGH ENERGY COSMIC RAYS. Modern Physics Letters A, 2005, 20, 3055-3076.	1.2	10

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127	ULTRA HIGH ENERGY COSMIC RAYS. International Journal of Modern Physics A, 2005, 20, 6545-6561.	1.5	2
128	Neutralino annihilation at the galactic centre revisited. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 007-007.	5.4	62
129	AlfvÃ©nic reacceleration of relativistic particles in galaxy clusters: MHD waves, leptons and hadrons. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1174-1194.	4.4	130
130	Particle Acceleration at shocks: some modern aspects of an old problem. Nuclear Physics, Section B, Proceedings Supplements, 2004, 136, 208-217.	0.4	6
131	Quantum-Gravity phenomenology and high energy particle propagation. Nuclear Physics, Section B, Proceedings Supplements, 2004, 136, 344-349.	0.4	1
132	High energy gamma ray counterparts of astrophysical sources of ultra-high energy cosmic rays. Nuclear Physics, Section B, Proceedings Supplements, 2004, 136, 191-197.	0.4	6
133	On the detectability of gamma rays from clusters of galaxies: mergers versus secondary infall. Astroparticle Physics, 2004, 20, 579-590.	4.3	30
134	Nonlinear shock acceleration in the presence of seed particles. Astroparticle Physics, 2004, 21, 45-57.	4.3	81
135	The small scale anisotropies, the spectrum and the sources of ultra-high energy cosmic rays. Astroparticle Physics, 2004, 20, 559-577.	4.3	63
136	Gammaâ€Ray Constraints on Neutralino Dark Matter Clumps in the Galactic Halo. Astrophysical Journal, 2004, 601, 47-53.	4.5	29
137	COSMIC RAY ACCELERATION DURING LARGE SCALE STRUCTURE FORMATION. Journal of the Korean Astronomical Society, 2004, 37, 483-491.	1.5	14
138	Ultrahigh energy cosmic rays from dark matter annihilation. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 201-204.	0.4	0
139	Spaceâ€"time fluctuations and ultra-high energy cosmic ray interactions. Astroparticle Physics, 2003, 19, 127-133.	4.3	23
140	On the statistical significance of the GZK feature in the spectrum of ultra-high energy cosmic rays. Astroparticle Physics, 2003, 20, 53-65.	4.3	92
141	A fluctuating energyâ€"momentum may produce an unstable world. Astroparticle Physics, 2003, 20, 369-376.	4.3	3
142	Detecting WIMPs in the microwave sky. Astroparticle Physics, 2003, 18, 649-662.	4.3	45
143	The gamma ray background from large scale structure formation. Astroparticle Physics, 2003, 19, 679-689.	4.3	48
144	Nonthermal Radiation from Clusters of Galaxies: The Role of Merger Shocks in Particle Acceleration. Astrophysical Journal, 2003, 583, 695-705.	4.5	120

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145	Signatures of high energy protons in pulsar winds. Astronomy and Astrophysics, 2003, 402, 827-836.	5.1	76
146	THEORETICAL ASPECTS OF ULTRA HIGH ENERGY COSMIC RAYS. , 2003, , .		1
147	Theory of synchrotron radiation. Astroparticle Physics, 2002, 18, 195-203.	4.3	0
148	Theory of synchrotron radiation. Astroparticle Physics, 2002, 18, 183-193.	4.3	5
149	Ultra-high energy cosmic rays from annihilation of superheavy dark matter. Astroparticle Physics, 2002, 18, 57-66.	4.3	54
150	Ultra-high energy cosmic rays: The annihilation of super-heavy relics. Nuclear Physics, Section B, Proceedings Supplements, 2002, 110, 494-496.	0.4	0
151	A novel approach to non linear Shock acceleration. Nuclear Physics, Section B, Proceedings Supplements, 2002, 110, 475-477.	0.4	3
152	Ultra-high energy cosmic rays: a probe into new physics. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 60-67.	0.4	0
153	A semi-analytical approach to non-linear shock acceleration. Astroparticle Physics, 2002, 16, 429-439.	4.3	117
154	Dark matter distribution in the universe and ultra-high energy cosmic rays. AIP Conference Proceedings, 2001, , .	0.4	0
155	The non-thermal radiationâ€"cluster merger connection. Astroparticle Physics, 2001, 15, 223-240.	4.3	46
156	The Greisenâ€"Zatzepinâ€"Kuzmin feature in our neighborhood of the universe. Astroparticle Physics, 2001, 15, 275-286.	4.3	52
157	Stochastic Acceleration and Nonthermal Radiation in Clusters of Galaxies. Astrophysical Journal, 2000, 532, L9-L12.	4.5	59
158	Halo dark matter and ultra-high energy cosmic rays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 233-238.	4.1	32
159	Ultraâ€"High-Energy Cosmic Rays from Young Neutron Star Winds. Astrophysical Journal, 2000, 533, L123-L126.	4.5	176
160	Probing the structure of space-time with cosmic rays. Physical Review D, 2000, 62, .	4.7	165
161	The Effect of a Nonthermal Tail on the Sunyaev-Zeldovich Effect in Clusters of Galaxies. Astrophysical Journal, 2000, 535, L71-L74.	4.5	22
162	Gamma rays from superheavy relic particles in the halo. Physical Review D, 1999, 60, .	4.7	12

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163	Cosmic rays, radio halos and nonthermal X-ray emission in clusters of galaxies. Astroparticle Physics, 1999, 12, 169-183.	4.3	230
164	High energy phenomena in clusters of galaxies. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 495-499.	0.4	5
165	On the Equipartition of Thermal and Nonthermal Energy in Clusters of Galaxies. Astrophysical Journal, 1999, 525, 603-608.	4.5	25
166	Cosmological Magnetic Field Limits in an Inhomogeneous Universe. Astrophysical Journal, 1999, 514, L79-L82.	4.5	216
167	Clusters of galaxies and the diffuse gamma-ray background. Astroparticle Physics, 1998, 9, 227-246.	4.3	131
168	Magnetized local supercluster and the origin of the highest energy cosmic rays. Physical Review D, 1998, 59, .	4.7	51
169	Signatures of topological defects. Physical Review D, 1998, 58, .	4.7	107
170	Clusters of Galaxies as Storage Room for Cosmic Rays. Astrophysical Journal, 1997, 487, 529-535.	4.5	225
171	Highâ€Energy Gamma Rays from Old, Accreting Neutron Stars. Astrophysical Journal, 1996, 473, 985-989.	4.5	1
172	A New Mechanism for Gamma-Ray Bursts in SN Type I Explosions. I. Weak Magnetic Field. Astrophysical Journal, 1996, 469, 311.	4.5	2
173	Phenomenology ofBsdecays. Physical Review D, 1994, 49, 238-246.	4.7	28
174	Prescission neutron emission fromPd104. Physical Review C, 1993, 47, R1835-R1837.	2.9	7
175	Neutron spectra from theEr156compound nucleus populated byâˆ'12andinduced64reactions. Physical Review C, 1993, 48, 2072-2073.	2.9	1
176	Level density of hot nuclei withAâ‰40. Physical Review C, 1991, 44, 2588-2597.	2.9	20
177	Test of statistical model predictions for alpha-particle decay of90,92,94,96Ru compound nuclei. Physical Review C, 1990, 41, 127-138.	2.9	25
178	Decay ofEr156compound nucleus. Physical Review C, 1990, 42, 1472-1479.	2.9	20
179	Observation of selectiveÎ³decay of fission-like fragments in theNi32reaction at 143 MeV. Physical Review C, 1987, 35, 338-340.	2.9	3
180	Planck Scale Kinematics and the Pierre Auger Observatory. , 0, , 1-30.		3