

Warren B Mori

List of Publications by Year in descending order

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152
papers

12,215
citations

36303

51
h-index

24982

109
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153
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153
docs citations

153
times ranked

3181
citing authors

#	ARTICLE	IF	CITATIONS
1	Monoenergetic beams of relativistic electrons from intense laser-plasma interactions. <i>Nature</i> , 2004, 431, 535-538.	27.8	1,731
2	Generating multi-GeV electron bunches using single stage laser wakefield acceleration in a 3D nonlinear regime. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2007, 10, .	1.8	710
3	Energy doubling of 42% GeV electrons in a metre-scale plasma wakefield accelerator. <i>Nature</i> , 2007, 445, 741-744.	27.8	604
4	Injection and Trapping of Tunnel-Ionized Electrons into Laser-Produced Wakes. <i>Physical Review Letters</i> , 2010, 104, 025003.	7.8	434
5	Proton Shock Acceleration in Laser-Plasma Interactions. <i>Physical Review Letters</i> , 2004, 92, 015002.	7.8	431
6	Nonlinear Theory for Relativistic Plasma Wakefields in the Blowout Regime. <i>Physical Review Letters</i> , 2006, 96, 165002.	7.8	419
7	OSIRIS: A Three-Dimensional, Fully Relativistic Particle in Cell Code for Modeling Plasma Based Accelerators. <i>Lecture Notes in Computer Science</i> , 2002, , 342-351.	1.3	413
8	High-efficiency acceleration of an electron beam in a plasma wakefield accelerator. <i>Nature</i> , 2014, 515, 92-95.	27.8	403
9	Self-Guided Laser Wakefield Acceleration beyond 1 GeV Using Ionization-Induced Injection. <i>Physical Review Letters</i> , 2010, 105, 105003.	7.8	338
10	Photon accelerator. <i>Physical Review Letters</i> , 1989, 62, 2600-2603.	7.8	272
11	Ultrahigh gradient particle acceleration by intense laser-driven plasma density waves. <i>Nature</i> , 1984, 311, 525-529.	27.8	256
12	Beam Loading in the Nonlinear Regime of Plasma-Based Acceleration. <i>Physical Review Letters</i> , 2008, 101, 145002.	7.8	228
13	A nonlinear theory for multidimensional relativistic plasma wave wakefields. <i>Physics of Plasmas</i> , 2006, 13, 056709.	1.9	225
14	Raman forward scattering of short-pulse high-intensity lasers. <i>Physical Review Letters</i> , 1994, 72, 1482-1485.	7.8	223
15	On the role of the purely transverse Weibel instability in fast ignitor scenarios. <i>Physics of Plasmas</i> , 2002, 9, 2458-2461.	1.9	219
16	The evolution of ultra-intense, short-pulse lasers in underdense plasmas. <i>Physics of Plasmas</i> , 1996, 3, 2047-2056.	1.9	186
17	One-to-one direct modeling of experiments and astrophysical scenarios: pushing the envelope on kinetic plasma simulations. <i>Plasma Physics and Controlled Fusion</i> , 2008, 50, 124034.	2.1	180
18	Near-GeV-Energy Laser-Wakefield Acceleration of Self-Injected Electrons in a Centimeter-Scale Plasma Channel. <i>Physical Review Letters</i> , 2004, 93, 185002.	7.8	168

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19	Propagation of Intense Subpicosecond Laser Pulses through Underdense Plasmas. <i>Physical Review Letters</i> , 1995, 74, 4659-4662.	7.8	166
20	Multi-GeV Energy Gain in a Plasma-Wakefield Accelerator. <i>Physical Review Letters</i> , 2005, 95, 054802.	7.8	160
21	Electron Acceleration in Cavitated Channels Formed by a Petawatt Laser in Low-Density Plasma. <i>Physical Review Letters</i> , 2005, 94, .	7.8	147
22	ION DYNAMICS AND ACCELERATION IN RELATIVISTIC SHOCKS. <i>Astrophysical Journal</i> , 2009, 695, L189-L193.	4.5	143
23	Ionization-Induced Electron Trapping in Ultrarelativistic Plasma Wakes. <i>Physical Review Letters</i> , 2007, 98, 084801.	7.8	138
24	Exploring laser-wakefield-accelerator regimes for near-term lasers using particle-in-cell simulation in Lorentz-boosted frames. <i>Nature Physics</i> , 2010, 6, 311-316.	16.7	134
25	Multi-gigaelectronvolt acceleration of positrons in a self-loaded plasma wakefield. <i>Nature</i> , 2015, 524, 442-445.	27.8	133
26	Weibel-Instability-Mediated Collisionless Shocks in the Laboratory with Ultraintense Lasers. <i>Physical Review Letters</i> , 2012, 108, 235004.	7.8	119
27	Three-dimensional Weibel instability in astrophysical scenarios. <i>Physics of Plasmas</i> , 2003, 10, 1979-1984.	1.9	115
28	X-Ray Emission from Betatron Motion in a Plasma Wiggler. <i>Physical Review Letters</i> , 2002, 88, 135004.	7.8	107
29	Limits of linear plasma wakefield theory for electron or positron beams. <i>Physics of Plasmas</i> , 2005, 12, 063101.	1.9	105
30	Laser wakefield acceleration and optical guiding in a hollow plasma channel. <i>Physics of Plasmas</i> , 1995, 2, 310-318.	1.9	101
31	Exploiting multi-scale parallelism for large scale numerical modelling of laser wakefield accelerators. <i>Plasma Physics and Controlled Fusion</i> , 2013, 55, 124011.	2.1	98
32	Beam loading by electrons in nonlinear plasma wakes. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	96
33	Demonstration of a positron beam-driven hollow channel plasma wakefield accelerator. <i>Nature Communications</i> , 2016, 7, 11785.	12.8	93
34	Nonlinear collisional absorption in laser-driven plasmas. <i>Physics of Plasmas</i> , 1994, 1, 4043-4049.	1.9	89
35	Group velocity of large amplitude electromagnetic waves in a plasma. <i>Physical Review Letters</i> , 1994, 72, 490-493.	7.8	86
36	Ion acceleration from laser-driven electrostatic shocks. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	85

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37	Generating High-Brightness Electron Beams via Ionization Injection by Transverse Colliding Lasers in a Plasma-Wakefield Accelerator. <i>Physical Review Letters</i> , 2013, 111, 015003.	7.8	80
38	Physics of Phase Space Matching for Staging Plasma and Traditional Accelerator Components Using Longitudinally Tailored Plasma Profiles. <i>Physical Review Letters</i> , 2016, 116, 124801.	7.8	73
39	Saturation of Beat-Excited Plasma Waves by Electrostatic Mode Coupling. <i>Physical Review Letters</i> , 1986, 56, 2629-2632.	7.8	69
40	Generation of ultra-intense single-cycle laser pulses by using photon deceleration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 29-32.	7.1	67
41	Hosing Instability in the Blow-Out Regime for Plasma-Wakefield Acceleration. <i>Physical Review Letters</i> , 2007, 99, 255001.	7.8	67
42	Electron Beam Characteristics from Laser-Driven Wave Breaking. <i>Physical Review Letters</i> , 1997, 79, 5258-5261.	7.8	64
43	Self-Guiding of Ultrashort, Relativistically Intense Laser Pulses through Underdense Plasmas in the Blowout Regime. <i>Physical Review Letters</i> , 2009, 102, 175003.	7.8	63
44	Plasma wakefield acceleration experiments at FACET II. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 034001.	2.1	63
45	Energy doubler for a linear collider. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2002, 5, .	1.8	60
46	Ultrarelativistic-Positron-Beam Transport through Meter-Scale Plasmas. <i>Physical Review Letters</i> , 2003, 90, 205002.	7.8	59
47	Relativistic single-cycle tunable infrared pulses generated from a tailored plasma density structure. <i>Nature Photonics</i> , 2018, 12, 489-494.	31.4	59
48	Plasma-wakefield acceleration of a positron beam. <i>Physical Review E</i> , 2001, 64, 045501.	2.1	58
49	E-157: A 1.4-m-long plasma wake field acceleration experiment using a 30 GeV electron beam from the Stanford Linear Accelerator Center Linac. <i>Physics of Plasmas</i> , 2000, 7, 2241-2248.	1.9	57
50	Role of Direct Laser Acceleration of Electrons in a Laser Wakefield Accelerator with Ionization Injection. <i>Physical Review Letters</i> , 2017, 118, 064801.	7.8	57
51	Numerical instability due to relativistic plasma drift in EM-PIC simulations. <i>Computer Physics Communications</i> , 2013, 184, 2503-2514.	7.5	53
52	High quality electron bunch generation using a longitudinal density-tailored plasma-based accelerator in the three-dimensional blowout regime. <i>Physical Review Accelerators and Beams</i> , 2017, 20, .	1.6	53
53	On Beat Wave Excitation of Relativistic Plasma Waves. <i>IEEE Transactions on Plasma Science</i> , 1987, 15, 88-106.	1.3	51
54	An improved iteration loop for the three dimensional quasi-static particle-in-cell algorithm: QuickPIC. <i>Journal of Computational Physics</i> , 2013, 250, 165-177.	3.8	50

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55	Perspectives on the generation of electron beams from plasma-based accelerators and their near and long term applications. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	50
56	Phase-Space Dynamics of Ionization Injection in Plasma-Based Accelerators. <i>Physical Review Letters</i> , 2014, 112, 035003.	7.8	49
57	Wavebreaking of longitudinal plasma oscillations. <i>Physica Scripta</i> , 1990, T30, 127-133.	2.5	47
58	Low emittance electron beam generation from a laser wakefield accelerator using two laser pulses with different wavelengths. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2014, 17, .	1.8	46
59	Femtosecond Probing of Plasma Wakefields and Observation of the Plasma Wake Reversal Using a Relativistic Electron Bunch. <i>Physical Review Letters</i> , 2017, 119, 064801.	7.8	44
60	Mechanism of generating fast electrons by an intense laser at a steep overdense interface. <i>Physical Review E</i> , 2011, 84, 025401.	2.1	42
61	Role of direct laser acceleration in energy gained by electrons in a laser wakefield accelerator with ionization injection. <i>Plasma Physics and Controlled Fusion</i> , 2014, 56, 084006.	2.1	42
62	Polarized beam conditioning in plasma based acceleration. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2011, 14, .	1.8	38
63	Measurement of Transverse Wakefields Induced by a Misaligned Positron Bunch in a Hollow Channel Plasma Accelerator. <i>Physical Review Letters</i> , 2018, 120, 124802.	7.8	38
64	Ponderomotive force of quasiparticles in a plasma. <i>Physical Review E</i> , 1999, 59, 2273-2280.	2.1	37
65	Hosing Instability Suppression in Self-Modulated Plasma Wakefields. <i>Physical Review Letters</i> , 2014, 112, .	7.8	37
66	Simulations of Cerenkov wake radiation sources. <i>Physics of Plasmas</i> , 2001, 8, 4995-5005.	1.9	36
67	9 GeV energy gain in a beam-driven plasma wakefield accelerator. <i>Plasma Physics and Controlled Fusion</i> , 2016, 58, 034017.	2.1	35
68	Controlling the numerical Cerenkov instability in PIC simulations using a customized finite difference Maxwell solver and a local FFT based current correction. <i>Computer Physics Communications</i> , 2017, 214, 6-17.	7.5	35
69	Acceleration of a trailing positron bunch in a plasma wakefield accelerator. <i>Scientific Reports</i> , 2017, 7, 14180.	3.3	32
70	Ion Motion Induced Emittance Growth of Matched Electron Beams in Plasma Wakefields. <i>Physical Review Letters</i> , 2017, 118, 244801.	7.8	30
71	The relative importance of fluid and kinetic frequency shifts of an electron plasma wave. <i>Physics of Plasmas</i> , 2007, 14, 102104.	1.9	29
72	Plasma optical modulators for intense lasers. <i>Nature Communications</i> , 2016, 7, 11893.	12.8	29

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73	Positron Production by X Rays Emitted by Betatron Motion in a Plasma Wiggler. Physical Review Letters, 2006, 97, 175003.	7.8	28
74	Laser wakefield acceleration at reduced density in the self-guided regime. Physics of Plasmas, 2010, 17, 056709.	1.9	28
75	<i>In Situ</i> Generation of High-Energy Spin-Polarized Electrons in a Beam-Driven Plasma Wakefield Accelerator. Physical Review Letters, 2021, 126, 054801.	7.8	28
76	Self-trapped electron acceleration from the nonlinear interplay between Raman forward scattering, self-focusing, and hosing. Physics of Plasmas, 1999, 6, 2105-2116.	1.9	27
77	Physical picture for the laser hosing instability in a plasma. Physics of Plasmas, 2001, 8, 3118-3119.	1.9	27
78	Elimination of the numerical Cerenkov instability for spectral EM-PIC codes. Computer Physics Communications, 2015, 192, 32-47.	7.5	27
79	On the mutual interaction between laser beams in plasmas. Physics of Plasmas, 2002, 9, 2354-2363.	1.9	26
80	Beam Loading by Distributed Injection of Electrons in a Plasma Wakefield Accelerator. Physical Review Letters, 2014, 112, 025001.	7.8	25
81	Bright γ rays source and nonlinear Breit-Wheeler pairs in the collision of high density particle beams. Physical Review Accelerators and Beams, 2019, 22, .	1.6	24
82	A simulation study of fast ignition with ultrahigh intensity lasers. Physics of Plasmas, 2009, 16, .	1.9	23
83	Electrostatic Mode Coupling of Beat-Excited Electron Plasma Waves. IEEE Transactions on Plasma Science, 1987, 15, 107-130.	1.3	22
84	Studies of relativistic wave-particle interactions in plasma-based collective accelerators. Laser and Particle Beams, 1990, 8, 427-449.	1.0	22
85	High Efficiency Uniform Wakefield Acceleration of a Positron Beam Using Stable Asymmetric Mode in a Hollow Channel Plasma. Physical Review Letters, 2021, 127, 174801.	7.8	22
86	Nonlinear and three-dimensional theory for cross-magnetic field propagation of short-pulse lasers in underdense plasmas. Physics of Plasmas, 2004, 11, 1978-1986.	1.9	21
87	Ion motion in the wake driven by long particle bunches in plasmas. Physics of Plasmas, 2014, 21, 056705.	1.9	21
88	Mitigation of numerical Cerenkov radiation and instability using a hybrid finite difference-FFT Maxwell solver and a local charge conserving current deposit. Computer Physics Communications, 2015, 197, 144-152.	7.5	21
89	Ultrafast optical field-ionized gases: A laboratory platform for studying kinetic plasma instabilities. Science Advances, 2019, 5, eaax4545.	10.3	21
90	Nanoscale Electron Bunching in Laser-Triggered Ionization Injection in Plasma Accelerators. Physical Review Letters, 2016, 117, 034801.	7.8	20

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91	Three-dimensional particle-in-cell simulations of laser channeling in fast ignition. <i>Physics of Plasmas</i> , 2011, 18, 042703.	1.9	19
92	High-field plasma acceleration in a high-ionization-potential gas. <i>Nature Communications</i> , 2016, 7, 11898.	12.8	18
93	Self-mapping the longitudinal field structure of a nonlinear plasma accelerator cavity. <i>Nature Communications</i> , 2016, 7, 12483.	12.8	18
94	Measurements of the Growth and Saturation of Electron Weibel Instability in Optical-Field Ionized Plasmas. <i>Physical Review Letters</i> , 2020, 125, 255001.	7.8	18
95	A multi-dimensional Vlasov-Fokker-Planck code for arbitrarily anisotropic high-energy-density plasmas. <i>Physics of Plasmas</i> , 2013, 20, 056303.	1.9	17
96	Strategies for mitigating the ionization-induced beam head erosion problem in an electron-beam-driven plasma wakefield accelerator. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2013, 16, .	1.8	17
97	Formation of Ultrarelativistic Electron Rings from a Laser-Wakefield Accelerator. <i>Physical Review Letters</i> , 2015, 115, 055004.	7.8	17
98	High-resolution phase-contrast imaging of biological specimens using a stable betatron X-ray source in the multiple-exposure mode. <i>Scientific Reports</i> , 2019, 9, 7796.	3.3	16
99	Longitudinal Ion Acceleration From High-Intensity Laser Interactions With Underdense Plasma. <i>IEEE Transactions on Plasma Science</i> , 2008, 36, 1825-1832.	1.3	15
100	Controlled ionization-induced injection by tailoring the gas-density profile in laser wakefield acceleration. <i>Journal of Plasma Physics</i> , 2012, 78, 363-371.	2.1	15
101	On numerical errors to the fields surrounding a relativistically moving particle in PIC codes. <i>Journal of Computational Physics</i> , 2020, 413, 109451.	3.8	14
102	A new field solver for modeling of relativistic particle-laser interactions using the particle-in-cell algorithm. <i>Computer Physics Communications</i> , 2021, 258, 107580.	7.5	14
103	Dynamic load balancing with enhanced shared-memory parallelism for particle-in-cell codes. <i>Computer Physics Communications</i> , 2021, 259, 107633.	7.5	14
104	Accurately simulating nine-dimensional phase space of relativistic particles in strong fields. <i>Journal of Computational Physics</i> , 2021, 438, 110367.	3.8	13
105	Emittance preservation through density ramp matching sections in a plasma wakefield accelerator. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	13
106	Enhanced stopping of macro-particles in particle-in-cell simulations. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	12
107	A multi-sheath model for highly nonlinear plasma wakefields. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	12
108	Laser Hosing in Relativistically Hot Plasmas. <i>Physical Review Letters</i> , 2013, 110, 155002.	7.8	11

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109	Generation of ultrahigh-brightness pre-bunched beams from a plasma cathode for X-ray free-electron lasers. <i>Nature Communications</i> , 2022, 13, .	12.8	11
110	Energy gain scaling with plasma length and density in the plasma wakefield accelerator. <i>New Journal of Physics</i> , 2010, 12, 045022.	2.9	10
111	A quasi-static particle-in-cell algorithm based on an azimuthal Fourier decomposition for highly efficient simulations of plasma-based acceleration: QPAD. <i>Computer Physics Communications</i> , 2021, 261, 107784.	7.5	10
112	Generating high quality ultrarelativistic electron beams using an evolving electron beam driver. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	10
113	Upper limit power for self-guided propagation of intense lasers in plasma. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	9
114	Simulations of efficient laser wakefield accelerators from 1 to 100GeV. <i>Journal of Plasma Physics</i> , 2012, 78, 401-412.	2.1	8
115	Enabling Lorentz boosted frame particle-in-cell simulations of laser wakefield acceleration in quasi-3D geometry. <i>Journal of Computational Physics</i> , 2016, 316, 747-759.	3.8	8
116	Ultra-short pulse generation from mid-IR to THz range using plasma wakes and relativistic ionization fronts. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	8
117	Ultrabright Electron Bunch Injection in a Plasma Wakefield Driven by a Superluminal Flying Focus Electron Beam. <i>Physical Review Letters</i> , 2022, 128, 174803.	7.8	8
118	Transformer ratio and pulse shaping in laser wakefield accelerator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 410, 488-492.	1.6	7
119	Hot-electron generation from laser-pre-plasma interactions in cone-guided fast ignition. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	7
120	Numerical heating in particle-in-cell simulations with Monte Carlo binary collisions. <i>Physical Review E</i> , 2021, 103, 013306.	2.1	7
121	CO ₂ Laser acceleration of forward directed MeV proton beams in a gas target at critical plasma density. <i>Journal of Plasma Physics</i> , 2012, 78, 373-382.	2.1	6
122	Two-stage acceleration of protons from relativistic laser-solid interaction. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2012, 15, .	1.8	6
123	Recent Advances and Some Results in Plasma-Based Accelerator Modeling. <i>AIP Conference Proceedings</i> , 2002, , .	0.4	5
124	Acceleration of injected electrons by the plasma beat wave accelerator. <i>AIP Conference Proceedings</i> , 1992, , .	0.4	4
125	Some observations on trapping in nonlinear multi-dimensional wakes. <i>AIP Conference Proceedings</i> , 2013, , .	0.4	4
126	Generation of Terawatt Attosecond Pulses from Relativistic Transition Radiation. <i>Physical Review Letters</i> , 2021, 126, 094801.	7.8	4

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127	Laser acceleration. AIP Conference Proceedings, 1995, , .	0.4	3
128	Stable laser-produced quasimonoenergetic proton beams from interactive laser and target shaping. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	3
129	Electron Weibel instability induced magnetic fields in optical-field ionized plasmas. Physics of Plasmas, 2022, 29, .	1.9	3
130	Advanced accelerator simulation research: miniaturizing accelerators from kilometers to meters. Journal of Physics: Conference Series, 2005, 16, 184-194.	0.4	2
131	Electron acceleration at oblique angles via stimulated Raman scattering at laser irradiance $W > 10^{10}$ cm ⁻² and $W < 10^{10}$ cm ⁻² . Physical Review E, 2021, 103, 033203.	2.1	2
132	Extended particle absorber for efficient modeling of intense laser-plasma interactions. Physics of Plasmas, 2021, 28, 112702.	1.9	2
133	High-Energy Electron Beam Generation by a Laser Pulse Propagating in a Plasma. AIP Conference Proceedings, 2002, , .	0.4	1
134	SHEET CROSSING AND WAVE BREAKING IN THE LASER WAKEFIELD ACCELERATOR. International Journal of Modern Physics B, 2007, 21, 439-446.	2.0	1
135	Studies of Zonal Flows Driven by Drift Mode Turbulence in Laboratory and Space Plasmas. , 2008, , .		1
136	Modeling of laser wakefield acceleration in the Lorentz boosted frame using OSIRIS and UPIC framework. , 2013, , .		1
137	Mitigation Techniques for Witness Beam Hosing in Plasma - Based Acceleration. , 2018, , .		1
138	Generation of topologically complex three-dimensional electron beams in a plasma photocathode. Physical Review Accelerators and Beams, 2022, 25, .	1.6	1
139	Highly spin-polarized multi-GeV electron beams generated by single-species plasma photocathodes. Physical Review Research, 2022, 4, .	3.6	1
140	Observation of mono-energetic structures in the spectrum of laser wakefield accelerated electrons. AIP Conference Proceedings, 2004, , .	0.4	0
141	The effect of laser focusing conditions in laser wakefield acceleration experiments. , 2006, , .		0
142	PLASMA WAKES DRIVEN BY NEUTRINOS, PHOTONS AND ELECTRON BEAMS. International Journal of Modern Physics B, 2007, 21, 343-350.	2.0	0
143	Summary Report of Working Group 2: Computation. , 2010, , .		0
144	Kinetics of Particles in Relativistic Collisionless Shocks. Geophysical Monograph Series, 0, , 65-70.	0.1	0

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145	3D simulations of pre-ionized and two-stage ionization injected laser wakefield accelerators. , 2013, , .		0
146	Coherent transition radiation from a self-modulated charged particle beam. , 2013, , .		0
147	Attosecond electron sheets and attosecond light pulses from relativistic laser wakefields in underdense plasmas. AIP Conference Proceedings, 2016, , .	0.4	0
148	Modeling of laser wakefield acceleration in Lorentz boosted frame using a Quasi-3D OSIRIS algorithm. AIP Conference Proceedings, 2016, , .	0.4	0
149	Investigating Instabilities of Long, Intense Laser Pulses in Plasma Wakefield Accelerators. , 2018, , .		0
150	Reduced fast electron transport in shock-heated plasma in multilayer targets due to self-generated magnetic fields. Physical Review E, 2018, 98, .	2.1	0
151	Stopping-power enhancement from discrete particle-wake correlations in high-energy-density plasmas. Physical Review E, 2021, 104, 035203.	2.1	0
152	The optimal beam-loading in two-bunch nonlinear plasma wakefield accelerators. Plasma Physics and Controlled Fusion, 2022, 64, 065007.	2.1	0