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List of Publications by Year
in descending order

Version: 2024-02-01

234	11,879	25034	32842
papers	citations	57 h-index	100 g-index

234	234	234	3296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross-code comparison of the edge codes SOLPS-ITER, SOLEDGE2D and UEDGE in modelling a low-power scenario in the DTT. Nuclear Fusion, 2022, 62, 056009.	3.5	8
2	Deep modeling of plasma and neutral fluctuations from gas puff turbulence imaging. Review of Scientific Instruments, 2022, 93, 063504.	1.3	4
3	Cross machine investigation of magnetic tokamak dust: Morphological and elemental analysis. Fusion Engineering and Design, 2021, 166, 112315.	1.9	6
4	Simulation of the SPARC plasma boundary with the UEDGE code. Nuclear Fusion, 2021, 61, 086014.	3.5	6
5	Cross machine investigation of magnetic tokamak dust; structural and magnetic analysis. Nuclear Materials and Energy, 2021, 28, 101045.	1.3	6
6	First application of a digital mirror Langmuir probe for real-time plasma diagnosis. Review of Scientific Instruments, 2021, 92, 103502.	1.3	2
7	Study of passively stable, fully detached divertor plasma regimes attained in innovative long-legged divertor configurations. Nuclear Fusion, 2020, 60, 016004.	3.5	10
8	Overview of the SPARC tokamak. Journal of Plasma Physics, 2020, 86, .	2.1	181
9	Comparison between mirror Langmuir probe and gas-puff imaging measurements of intermittent fluctuations in the Alcator C-Mod scrape-off layer. Journal of Plasma Physics, 2020, 86, .	2.1	11
10	Role of the edge and scrape-off layer plasma in lower hybrid current drive experiment on Alcator C-Mod. AIP Conference Proceedings, 2020, , .	0.4	5
11	Divertor heat flux challenge and mitigation in SPARC. Journal of Plasma Physics, 2020, 86, .	2.1	40
12	Scaling of L-mode heat flux for ITER and COMPASS-U divertors, based on five tokamaks. Nuclear Fusion, 2020, 60, 066016.	3.5	26
13	Performance assessment of long-legged tightly-baffled divertor geometries in the ARC reactor concept. Nuclear Fusion, 2019, 59, 106052.	3.5	15
14	The digital mirror Langmuir probe: Field programmable gate array implementation of real-time Langmuir probe biasing. Review of Scientific Instruments, 2019, 90, 083504.	1.3	5
15	Outlier classification using autoencoders: Application for fluctuation driven flows in fusion plasmas. Review of Scientific Instruments, 2019, 90, 013505.	1.3	3
16	High fusion performance in Super H-mode experiments on Alcator C-Mod and DIII-D. Nuclear Fusion, 2019, 59, 086017.	3.5	48
17	Plasma fluctuations in the scrape-off layer and at the divertor target in Alcator C-Mod and their relationship to divertor collisionality and density shoulder formation. Nuclear Materials and Energy, 2019, 19, 295-299.	1.3	16
18	Implementation of a 9-point stencil in SOLPS-ITER and implications for Alcator C-Mod divertor plasma simulations. Nuclear Materials and Energy, 2019, 18, 125-130.	1.3	16

#	Article	IF	Citations
19	Statistical properties of the plasma fluctuations and turbulent cross-field fluxes in the outboard mid-plane scrape-off layer of Alcator C-Mod. Nuclear Materials and Energy, 2019, 18, 193-200.	1.3	11
20	Radiative heat exhaust in Alcator C-Mod I-mode plasmas. Nuclear Fusion, 2019, 59, 046018.	3.5	14
21	Edge transport and mode structure of a QCM-like fluctuation driven by the Shoelace antenna. Nuclear Fusion, 2018, 58, 056018.	3.5	2
22	Intermittent fluctuations in the Alcator C-Mod scrape-off layer for ohmic and high confinement mode plasmas. Physics of Plasmas, 2018, 25, 056103.	1.9	16
23	UEDGE modelling of detached divertor operation for longâ€leg divertor geometries in ARC. Contributions To Plasma Physics, 2018, 58, 791-797.	1.1	5
24	Access to pedestal pressure relevant to burning plasmas on the high magnetic field tokamak Alcator C-Mod. Nuclear Fusion, 2018, 58, 112003.	3.5	28
25	Influence of high magnetic field on access to stationary H-modes and pedestal characteristics in Alcator C-Mod. Nuclear Fusion, 2018, 58, 046004.	3.5	17
26	An experimental assessment of methods used to compute secondary electron emission yield for tungsten and molybdenum electrodes based on exposure to Alcator C-Mod scrape-off layer plasmas. Plasma Physics and Controlled Fusion, 2018, 60, 035011.	2.1	5
27	The flush-mounted rail Langmuir probe array designed for the Alcator C-Mod vertical target plate divertor. Review of Scientific Instruments, 2018, 89, 043512.	1.3	12
28	Intermittent electron density and temperature fluctuations and associated fluxes in the Alcator C-Mod scrape-off layer. Plasma Physics and Controlled Fusion, 2018, 60, 065002.	2.1	22
29	High-resolution disruption halo current measurements using Langmuir probes in Alcator C-Mod. Nuclear Fusion, 2018, 58, 016005.	3.5	8
30	Universality of Poisson-driven plasma fluctuations in the Alcator C-Mod scrape-off layer. Physics of Plasmas, 2018, 25, 122309.	1.9	12
31	Effect of boronization on plasma-facing graphite surfaces and its correlation with the plasma behavior in NSTX-U. Nuclear Materials and Energy, 2018, 17, 211-216.	1.3	10
32	Conceptual design study for heat exhaust management in the ARC fusion pilot plant. Fusion Engineering and Design, 2018, 137, 221-242.	1.9	56
33	High field side lower hybrid wave launch for steady state plasma sustainment. Nuclear Fusion, 2018, 58, 126032.	3.5	18
34	Progress towards modeling tokamak boundary plasma turbulence and understanding its role in setting divertor heat flux widths. Physics of Plasmas, 2018, 25, 055905.	1.9	17
35	The dependence of divertor power sharing on magnetic flux balance in near double-null configurations on Alcator C-Mod. Nuclear Fusion, 2018, 58, 076010.	3.5	17
36	High-resolution heat flux width measurements at reactor-level magnetic fields and observation of a unified width scaling across confinement regimes in the Alcator C-Mod tokamak. Nuclear Fusion, 2018, 58, 094002.	3.5	41

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37	Design and operation of a high-heat flux, flush-mounted â€˜railâ€™ Langmuir probe array on Alcator C-Mod. Nuclear Materials and Energy, 2017, 12, 1231-1235.	1.3	7
38	High-field side scrape-off layer investigation: Plasma profiles and impurity screening behavior in near-double-null configurations. Nuclear Materials and Energy, 2017, 12, 139-147.	1.3	10
39	Fast imaging of filaments in the X-point region of Alcator C-Mod. Nuclear Materials and Energy, 2017, 12, 989-993.	1.3	14
40	Expanding the role of impurity spectroscopy for investigating the physics of high-Z dissipative divertors. Nuclear Materials and Energy, 2017, 12, 91-99.	1.3	7
41	Gyrokinetic projection of the divertor heat-flux width from present tokamaks to ITER. Nuclear Fusion, 2017, 57, 116023.	3.5	125
42	Attainment of a stable, fully detached plasma state in innovative divertor configurations. Physics of Plasmas, 2017, 24, .	1.9	16
43	Relationship between frequency power spectra and intermittent, large-amplitude bursts in the Alcator C-Mod scrape-off layer. Nuclear Fusion, 2017, 57, 114004.	3.5	18
44	Edge turbulence and divertor heat flux width simulations of Alcator C-Mod discharges using an electromagnetic two-fluid model. Nuclear Fusion, 2017, 57, 116025.	3.5	27
45	SOLPS-ITER Study of neutral leakage and drift effects on the alcator C-Mod divertor plasma. Nuclear Materials and Energy, 2017, 12, 899-907.	1.3	19
46	Assessment of X-point target divertor configuration for power handling and detachment front control. Nuclear Materials and Energy, 2017, 12, 918-923.	1.3	14
47	Impurity screening behavior of the high-field side scrape-off layer in near-double-null configurations: prospect for mitigating plasmaâ€“material interactions on RF actuators and first-wall components. Nuclear Fusion, 2017, 57, 076021.	3.5	12
48	Linear servomotor probe drive system with real-time self-adaptive position control for the Alcator C-Mod tokamak. Review of Scientific Instruments, 2017, 88, 073501.	1.3	10
49	Surface heat flux feedback controlled impurity seeding experiments with Alcator C-Modâ€™s high-Zvertical target plate divertor: performance, limitations and implications for fusion power reactors. Nuclear Fusion, 2017, 57, 086030.	3.5	16
50	Radial localization of edge modes in Alcator C-Mod pedestals using optical diagnostics. Plasma Physics and Controlled Fusion, 2017, 59, 025016.	2.1	18
51	Physics and performance of the I-mode regime over an expanded operating space on Alcator C-Mod. Nuclear Fusion, 2017, 57, 126039.	3.5	36
52	Impact of perturbative, non-axisymmetric impurity fueling on Alcator C-Mod H-modes. Plasma Physics and Controlled Fusion, 2017, 59, 122002.	2.1	3
53	Fluctuation statistics in the scrape-off layer of Alcator C-Mod. Plasma Physics and Controlled Fusion, 2016, 58, 054001.	2.1	29
54	Lower hybrid wave edge power loss quantification on the Alcator C-Mod tokamak. Physics of Plasmas, 2016, 23, 056115.	1.9	14

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55	Taming the Heat Flux Problem: Advanced Divertors Towards Fusion Power. Journal of Fusion Energy, 2016, 35, 27-30.	1.2	2
56	Smaller & Sooner: Exploiting High Magnetic Fields from New Superconductors for a More Attractive Fusion Energy Development Path. Journal of Fusion Energy, 2016, 35, 41-53.	1.2	63
57	Structural Analysis of High-Field-Side RF Antennas During a Disruption on the Advanced Divertor eXperiment (ADX). IEEE Transactions on Plasma Science, 2016, 44, 2470-2475.	1.3	2
58	SOLPS-ITER Modeling of the Alcator C-Mod Divertor Plasma. Plasma and Fusion Research, 2016, 11, 1403103-1403103.	0.7	19
59	Feedback system for divertor impurity seeding based on real-time measurements of surface heat flux in the Alcator C-Mod tokamak. Review of Scientific Instruments, 2016, 87, 023504.	1.3	24
60	Multi-machine scaling of the main SOL parallel heat flux width in tokamak limiter plasmas. Plasma Physics and Controlled Fusion, 2016, 58, 074005.	2.1	36
61	Kinetic modeling of divertor heat load fluxes in the Alcator C-Mod and DIII-D tokamaks. Physics of Plasmas, 2015, 22, .	1.9	9
62	EMC3-EIRENE modeling of toroidally-localized divertor gas injection experiments on Alcator C-Mod. Journal of Nuclear Materials, 2015, 463, 515-518.	2.7	14
63	Recent sheath physics studies on DIII-D. Journal of Nuclear Materials, 2015, 463, 436-439.	2.7	10
64	Alcator C-Mod: research in support of ITER and steps beyond. Nuclear Fusion, 2015, 55, 104020.	3.5	14
65	Improved confinement in high-density H-modes via modification of the plasma boundary with lower	1.9	7
66	Three-dimensional simulation of H-mode plasmas with localized divertor impurity injection on	1.9	12
67	Quasi-coherent fluctuations limiting the pedestal growth on Alcator C-Mod: experiment and modelling. Nuclear Fusion, 2015, 55, 053003.	3.5	35
68	ADX: a high field, high power density, advanced divertor and RF tokamak. Nuclear Fusion, 2015, 55, 053020.	3.5	82
69	Experimental investigation of the parallel structure of fluctuations in the scrape-off layer of Alcator C-Mod. Nuclear Fusion, 2014, 54, 043012.	3.5	39
70	20 years of research on the Alcator C-Mod tokamak. Physics of Plasmas, 2014, 21, .	1.9	88
71	External excitation of a short-wavelength fluctuation in the Alcator C-Mod edge plasma and its relationship to the quasi-coherent mode. Physics of Plasmas, 2014, 21, 056111.	1.9	9
72	Observation of Edge Instability Limiting the Pedestal Growth in Tokamak Plasmas. Physical Review Letters, 2014, 112, 115001.	7.8	78

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73	New insights on boundary plasma turbulence and the quasi-coherent mode in Alcator C-Mod using a Mirror Langmuir Probe. Physics of Plasmas, 2014, 21, .	1.9	61
74	Wide-frequency range, dynamic matching network and power system for the â€œShoelaceâ€•radio frequency antenna on the Alcator C-Mod tokamak. Review of Scientific Instruments, 2014, 85, 043510.	1.3	5
75	Theory-based scaling of the SOL width in circular limited tokamak plasmas. Nuclear Fusion, 2013, 53, 122001.	3.5	49
76	Space-charge limits of ion sensitive probes. Plasma Physics and Controlled Fusion, 2013, 55, 125004.	2.1	10
77	Blob sizes and velocities in the Alcator C-Mod scrape-off layer. Journal of Nuclear Materials, 2013, 438, S505-S508.	2.7	29
78	Imaging of molybdenum erosion and thermography at visible wavelengths in Alcator C-Mod ICRH and LHCD discharges. Plasma Physics and Controlled Fusion, 2013, 55, 125010.	2.1	13
79	Burst statistics in Alcator C-Mod SOL turbulence. Journal of Nuclear Materials, 2013, 438, S180-S183.	2.7	29
80	Constraining the divertor heat width in ITER. Journal of Nuclear Materials, 2013, 438, S435-S439.	2.7	6
81	Divertor â€˜death-rayâ€™ explained: An artifact of a Langmuir probe operating at negative bias in a high-recycling divertor. Journal of Nuclear Materials, 2013, 438, S1196-S1199.	2.7	8
82	Heat-flux footprints for I-mode and EDA H-mode plasmas on Alcator C-Mod. Journal of Nuclear Materials, 2013, 438, S212-S215.	2.7	13
83	Investigation of RF-enhanced plasma potentials on Alcator C-Mod. Journal of Nuclear Materials, 2013, 438, S875-S878.	2.7	12
84	Scanning retarding field analyzer for plasma profile measurements in the boundary of the Alcator C-Mod tokamak. Review of Scientific Instruments, 2013, 84, 033502.	1.3	21
85	Comparison of tungsten nano-tendrils grown in Alcator C-Mod and linear plasma devices. Journal of Nuclear Materials, 2013, 438, S84-S89.	2.7	70
86	Characterization and performance of a field aligned ion cyclotron range of frequency antenna in Alcator C-Mod. Physics of Plasmas, 2013, 20, .	1.9	57
87	Intermittent fluctuations in the Alcator C-Mod scrape-off layer. Physics of Plasmas, 2013, 20, 055901.	1.9	54
88	Progress towards steady-state regimes in Alcator C-Mod. Nuclear Fusion, 2013, 53, 113028.	3.5	28
89	Scaling of the tokamak near the scrape-off layer H-mode power width and implications for ITER. Nuclear Fusion, 2013, 53, 093031.	3.5	448
90	Improved understanding of physics processes in pedestal structure, leading to improved predictive capability for ITER. Nuclear Fusion, 2013, 53, 093024.	3.5	59

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91	Pedestal structure and stability in H-mode and I-mode: a comparative study on Alcator C-Mod. Nuclear Fusion, 2013, 53, 043016.	3.5	41
92	An assessment of ion temperature measurements in the boundary of the Alcator C-Mod tokamak and implications for ion fluid heat flux limiters. Plasma Physics and Controlled Fusion, 2013, 55, 095010.	2.1	23
93	Scanning ion sensitive probe for plasma profile measurements in the boundary of the Alcator C-Mod tokamak. Review of Scientific Instruments, 2013, 84, 053507.	1.3	10
94	Transport and drift-driven plasma flow components in the Alcator C-Mod boundary plasma. Nuclear Fusion, 2013, 53, 023001.	3.5	54
95	Overview of experimental results and code validation activities at Alcator C-Mod. Nuclear Fusion, 2013, 53, 104004.	3.5	13
96	First results of the SOL reflectometer on Alcator C-Mod. Review of Scientific Instruments, 2012, 83, 10E309.	1.3	16
97	Surface thermocouples for measurement of pulsed heat flux in the divertor of the Alcator C-Mod tokamak. Review of Scientific Instruments, 2012, 83, 033501.	1.3	37
98	Scaling of H-mode threshold power and Lâ€“H edge conditions with favourable ion grad-B drift in Alcator C-Mod tokamak. Nuclear Fusion, 2012, 52, 023010.	3.5	27
99	Analysis of a multi-machine database on divertor heat fluxes. Physics of Plasmas, 2012, 19, .	1.9	109
100	Study and optimization of boronization in Alcator C-Mod using the Surface Science Station (S3). Fusion Engineering and Design, 2012, 87, 1700-1707.	1.9	8
101	Modeling of Local Edge Plasma Perturbations Induced by a Biased Probe. Contributions To Plasma Physics, 2012, 52, 417-423.	1.1	8
102	Divertor heat flux footprints in EDA H-mode discharges on Alcator C-Mod. Journal of Nuclear Materials, 2011, 415, S349-S352.	2.7	14
103	Estimate of convective radial transport due to SOL turbulence as measured by GPI in Alcator C-Mod. Journal of Nuclear Materials, 2011, 415, S463-S466.	2.7	10
104	Comparison of heat flux measurements by IR thermography and probes in the Alcator C-Mod divertor. Journal of Nuclear Materials, 2011, 415, S375-S378.	2.7	15
105	Interpretation and implementation of an ion sensitive probe as a plasma potential diagnostic on Alcator C-Mod. Journal of Nuclear Materials, 2011, 415, S1143-S1146.	2.7	6
106	Effect of N2, Ne and Ar seeding on Alcator C-Mod H-mode confinement. Journal of Nuclear Materials, 2011, 415, S340-S344.	2.7	73
107	Power requirements for superior H-mode confinement on Alcator C-Mod: experiments in support of ITER. Nuclear Fusion, 2011, 51, 083007.	3.5	40
108	High confinement/high radiated power H-mode experiments in Alcator C-Mod and consequences for International Thermonuclear Experimental Reactor (ITER) QDTâ€‰=â€‰10 operation. Physics of Plasmas, 2011, 18, .	1.9	84

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109	Scaling of the power exhaust channel in Alcator C-Mod. Physics of Plasmas, 2011, 18, 056104.	1.9	69
110	An optical timing verification system for Alcator C-Mod. Fusion Engineering and Design, 2010, 85, 367-369.	1.9	2
111	Divertor IR thermography on Alcator C-Mod. Review of Scientific Instruments, 2010, 81, 10E513.	1.3	37
112	Experimental studies of edge turbulence and confinement in Alcator C-Mod. Physics of Plasmas, 2010, 17, .	1.9	56
113	Interpretation and implementation of an ion sensitive probe as a plasma potential diagnostic. Review of Scientific Instruments, 2010, 81, 10E111.	1.3	12
114	Wall scanning probe for high-field side plasma measurements on Alcator C-Mod. Review of Scientific Instruments, 2009, 80, 023502.	1.3	29
115	Overview of the Alcator C-Mod Research Program. Nuclear Fusion, 2009, 49, 104014.	3.5	29
116	Dimensionless pedestal identity plasmas on Alcator C-Mod and JET. Nuclear Fusion, 2009, 49, 125004.	3.5	7
117	Spatial structure of scrape-off-layer filaments near the midplane and X-point regions of Alcator-C-Mod. Journal of Nuclear Materials, 2009, 390-391, 339-342.	2.7	38
118	Edge radial electric field structure and its connections to H-mode confinement in Alcator C-Mod plasmas. Physics of Plasmas, 2009, 16, .	1.9	151
119	Magnetic topology effects on Alcator C-Mod scrape-off layer flow. Plasma Physics and Controlled Fusion, 2008, 50, 105010.	2.1	5
120	Spontaneous core toroidal rotation in Alcator C-Mod L-mode, H-mode and ITB plasmas. Plasma Physics and Controlled Fusion, 2008, 50, 124042.	2.1	59
121	Critical gradients and plasma flows in the edge plasma of Alcator C-Mod. Physics of Plasmas, 2008, 15, .	1.9	67
122	Overview of the Alcator C-MOD research programme. Nuclear Fusion, 2007, 47, S598-S607.	3.5	9
123	Theory and fluid simulations of boundary-plasma fluctuations. Nuclear Fusion, 2007, 47, 612-625.	3.5	22
124	Edge profile stiffness and insensitivity of the density pedestal to neutral fuelling in Alcator C-Mod edge transport barriers. Nuclear Fusion, 2007, 47, 1057-1063.	3.5	48
125	Mirror Langmuir probe: A technique for real-time measurement of magnetized plasma conditions using a single Langmuir electrode. Review of Scientific Instruments, 2007, 78, 073501.	1.3	39
126	Large transport-induced operation limits of tokamak plasmas. Physics of Plasmas, 2007, 14, 020701.	1.9	12

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127	H-Mode Pedestal and L-H Transition Studies on Alcator C-Mod. Fusion Science and Technology, 2007, 51, 317-341.	1.1	36
128	Divertor Physics Research on Alcator C-Mod. Fusion Science and Technology, 2007, 51, 369-389.	1.1	92
129	Confinement and Transport Research in Alcator C-Mod. Fusion Science and Technology, 2007, 51, 266-287.	1.1	40
130	Alcator C-Mod Design, Engineering, and Disruption Research. Fusion Science and Technology, 2007, 51, 460-475.	1.1	19
131	Diagnostic Systems on Alcator C-Mod. Fusion Science and Technology, 2007, 51, 476-507.	1.1	62
132	Chapter 4: Power and particle control. Nuclear Fusion, 2007, 47, S203-S263.	3.5	891
133	Edge turbulence measurements in toroidal fusion devices. Plasma Physics and Controlled Fusion, 2007, 49, S1-S23.	2.1	283
134	Plasmaâ€“surface interaction, scrape-off layer and divertor physics: implications for ITER. Nuclear Fusion, 2007, 47, 1189-1205.	3.5	156
135	The operational phase-space of the edge plasma and its sensitivity to magnetic topology in Alcator C-Mod. Journal of Nuclear Materials, 2007, 363-365, 517-521.	2.7	2
136	Influence of boronization on operation with high-Z plasma facing components in Alcator C-Mod. Journal of Nuclear Materials, 2007, 363-365, 1110-1118.	2.7	39
137	The dynamics and structure of edge-localized-modes in Alcator C-Mod. Journal of Nuclear Materials, 2007, 363-365, 994-999.	2.7	40
138	Advances in measurement and modeling of the high-confinement-mode pedestal on the Alcator C-Mod tokamak. Physics of Plasmas, 2006, 13, 056103.	1.9	34
139	Radially propagating fluctuation structures in the scrape-off layer of Alcator C-Mod. Physics of Plasmas, 2006, 13, 012306.	1.9	124
140	Plasma profiles and flows in the high-field side scrape-off layer in Alcator C-Mod. Journal of Nuclear Materials, 2005, 337-339, 281-285.	2.7	38
141	Velocity fields of edge/Scrape-Off-Layer turbulence in Alcator C-Mod. Journal of Nuclear Materials, 2005, 337-339, 322-326.	2.7	38
142	Evidence for electromagnetic fluid drift turbulence controlling the edge plasma state in the Alcator C-Mod tokamak. Nuclear Fusion, 2005, 45, 1658-1675.	3.5	121
143	Transport phenomena in the edge of Alcator C-Mod plasmas. Nuclear Fusion, 2005, 45, 1321-1327.	3.5	79
144	Overview of the Alcator C-Mod program. Nuclear Fusion, 2005, 45, S109-S117.	3.5	28

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145	The dependence of core rotation on magnetic configuration and the relation to the H-mode power threshold in Alcator C-Mod plasmas with no momentum input. Nuclear Fusion, 2005, 45, 251-257.	3.5	59
146	Comparison of particle transport in the scrape-off layer plasmas of Alcator C-Mod and DIII-D. Plasma Physics and Controlled Fusion, 2005, 47, 1559-1578.	2.1	62
147	Transport-driven scrape-off layer flows and the x-point dependence of the L-H power threshold in Alcator C-Mod. Physics of Plasmas, 2005, 12, 056111.	1.9	87
148	ICRF loading studies on Alcator C-Mod. Plasma Physics and Controlled Fusion, 2004, 46, 1781-1792.	2.1	15
149	Impurity plume experiments in the edge plasma of the Alcator C-Mod tokamak. Plasma Physics and Controlled Fusion, 2004, 46, 1617-1646.	2.1	14
150	Interpretation of the DÂemission from the high field side of Alcator C-Mod. Plasma Physics and Controlled Fusion, 2004, 46, 1247-1257.	2.1	9
151	Measurements of ion and neutral atom flows and temperatures in the inner and outer midplane scrape-off layers of the Alcator C-Mod Tokamak. Physics of Plasmas, 2004, 11, 1033-1042.	1.9	18
152	Transport-driven Scrape-Off-Layer flows and the boundary conditions imposed at the magnetic separatrix in a tokamak plasma. Nuclear Fusion, 2004, 44, 1047-1066.	3.5	260
153	Neutral transport simulations of gas puff imaging experiments. Journal of Nuclear Materials, 2003, 313-316, 1066-1070.	2.7	56
154	Observations of the turbulence in the scrape-off-layer of Alcator C-Mod and comparisons with simulation. Physics of Plasmas, 2003, 10, 1739-1747.	1.9	203
155	High-confinement-mode edge stability of Alcator C-mod plasmas. Physics of Plasmas, 2003, 10, 1720-1726.	1.9	39
156	Gas puff imaging of edge turbulence (invited). Review of Scientific Instruments, 2003, 74, 2020-2026.	1.3	108
157	Universality of intermittent convective transport in the scrape-off layer of magnetically confined devices. Physics of Plasmas, 2003, 10, 419-428.	1.9	206
158	Overview of recent Alcator C-Mod research. Nuclear Fusion, 2003, 43, 1610-1618.	3.5	7
159	Edge turbulence imaging in the Alcator C-Mod tokamak. Physics of Plasmas, 2002, 9, 1981-1989.	1.9	238
160	An interpretation of fluctuation induced transport derived from electrostatic probe measurements. Physics of Plasmas, 2002, 9, 1300-1311.	1.9	43
161	Observations and empirical scalings of the high-confinement mode pedestal on Alcator C-Mod. Physics of Plasmas, 2002, 9, 3019-3030.	1.9	63
162	Investigation of the origin of neutrals in the main chamber of Alcator C-Mod. Plasma Physics and Controlled Fusion, 2002, 44, 733-748.	2.1	39

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163	Impurity transport studies in tokamak edge plasmas using visible imaging. IEEE Transactions on Plasma Science, 2002, 30, 76-77.	1.3	2
164	Structure and properties of the electrostatic fluctuations in the far scrape-off layer region of Alcator C-Mod. Physics of Plasmas, 2001, 8, 3702-3707.	1.9	56
165	High resolution measurements of neutral density and ionization rate in the Alcator C-Mod tokamak. Review of Scientific Instruments, 2001, 72, 961-964.	1.3	18
166	Visible imaging of turbulence in the SOL of the Alcator C-Mod tokamak. Journal of Nuclear Materials, 2001, 290-293, 757-762.	2.7	71
167	The effect of baffling on divertor leakage in Alcator C-Mod. Journal of Nuclear Materials, 2001, 290-293, 812-819.	2.7	8
168	Floating Potentials in the Vicinity of Biased Flush-Mounted Probes. Contributions To Plasma Physics, 2001, 41, 504-509.	1.1	1
169	A study of molybdenum influxes and transport in Alcator C-Mod. Nuclear Fusion, 2001, 41, 585-596.	3.5	101
170	Overview of recent Alcator C-Mod results. Nuclear Fusion, 2001, 41, 1391-1400.	3.5	13
171	The relation between impurity neutral and impurity ion compression in the Alcator C-Mod divertor. Nuclear Fusion, 2001, 41, 1751-1754.	3.5	7
172	The quasi-coherent signature of enhanced DÎ±H-mode in Alcator C-Mod. Plasma Physics and Controlled Fusion, 2001, 43, L23-L30.	2.1	77
173	Divertor bypass in the Alcator C-Mod tokamak. Review of Scientific Instruments, 2001, 72, 103-107.	1.3	11
174	Pedestal profiles and fluctuations in C-Mod enhanced D-alpha H-modes. Physics of Plasmas, 2001, 8, 2033-2040.	1.9	85
175	Particle transport in the scrape-off layer and its relationship to discharge density limit in Alcator C-Mod. Physics of Plasmas, 2001, 8, 2107-2117.	1.9	220
176	Cross-field plasma transport and main-chamber recycling in diverted plasmas on Alcator C-Mod. Nuclear Fusion, 2000, 40, 2041-2060.	3.5	163
177	Measurements and scalings of the H-mode pedestal on Alcator C-Mod. Plasma Physics and Controlled Fusion, 2000, 42, A255-A262.	2.1	8
178	Simple relations between scrape-off layer parameters of high recycling divertors Part II: Further relations. Nuclear Fusion, 2000, 40, 309-317.	3.5	13
179	Simple relations between scrape-off layer parameters of high recycling divertors Part I: The relation between `upstream' density and temperature. Nuclear Fusion, 2000, 40, 295-308.	3.5	32
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