Boudewijn van Milligen

List of Publications by Year
in descending order

177 papers	5,266 citations	71102 41 h-index	102487 66 g-index
180 all docs	180 docs citations	180 times ranked	2763 citing authors

#	Article	IF	Citations
1	Wavelet bicoherence: A new turbulence analysis tool. Physics of Plasmas, 1995, 2, 3017-3032.	1.9	308
2	Shear reversal and MHD activity during pellet enhanced performance pulses in JET. Nuclear Fusion, 1992, 32, 33-43.	3.5	189
3	Overview of first Wendelstein 7-X high-performance operation. Nuclear Fusion, 2019, 59, 112004.	3.5	165
4	Long-Range Time Correlations in Plasma Edge Turbulence. Physical Review Letters, 1998, 80, 4438-4441.	7.8	143
5	Nonlinear Phenomena and Intermittency in Plasma Turbulence. Physical Review Letters, 1995, 74, 395-398.	7.8	142
6	Fluctuationâ€induced flux at the plasma edge in toroidal devices. Physics of Plasmas, 1996, 3, 2664-2672.	1.9	139
7	Self-similarity of the plasma edge fluctuations. Physics of Plasmas, 1998, 5, 3632-3643.	1.9	132
8	Major results from the first plasma campaign of the Wendelstein 7-X stellarator. Nuclear Fusion, 2017, 57, 102020.	3.5	128
9	In Search of the Elusive Zonal Flow Using Cross-Bicoherence Analysis. Physical Review Letters, 2000, 84, 4842-4845.	7.8	126
10	Self-Similarity Properties of the Probability Distribution Function of Turbulence-Induced Particle Fluxes at the Plasma Edge. Physical Review Letters, 1999, 83, 3653-3656.	7.8	117
11	Feedback Control of Turbulence. Applied Mechanics Reviews, 1994, 47, S3-S13.	10.1	113
12	Magnetic configuration effects on the Wendelstein 7-X stellarator. Nature Physics, 2018, 14, 855-860.	16.7	110
13	First plasmas in the TJ-II flexible Heliac. Plasma Physics and Controlled Fusion, 1999, 41, A539-A548.	2.1	109
14	Sheared flows and transition to improved confinement regime in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2009, 51, 124015.	2.1	104
15	Melt extraction and accumulation from partially molten rocks. Lithos, 2004, 78, 25-42.	1.4	87
16	Confirmation of the topology of the Wendelstein 7-X magnetic field to better than 1:100,000. Nature Communications, 2016, 7, 13493.	12.8	85
17	Neural Network Differential Equation and Plasma Equilibrium Solver. Physical Review Letters, 1995, 75, 3594-3597.	7.8	84
18	Statistical characterization of fluctuation wave forms in the boundary region of fusion and nonfusion plasmas. Physics of Plasmas, 2000, 7, 1408-1416.	1.9	84

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19	On the applicability of Fick's law to diffusion in inhomogeneous systems. European Journal of Physics, 2005, 26, 913-925.	0.6	84
20	New experiment to model self-organized critical transport and accumulation of melt and hydrocarbons from their source rocks. Geology, 2001, 29, 919.	4.4	79
21	Empirical Similarity of Frequency Spectra of the Edge-Plasma Fluctuations in Toroidal Magnetic-Confinement Systems. Physical Review Letters, 1999, 82, 3621-3624.	7.8	77
22	Confinement transitions in TJ-II under Li-coated wall conditions. Nuclear Fusion, 2009, 49, 104018.	3.5	75
23	Probabilistic finite-size transport models for fusion: Anomalous transport and scaling laws. Physics of Plasmas, 2004, 11, 2272-2285.	1.9	72
24	Generation of sheared poloidal flows via Reynolds stress and transport barrier physics. Plasma Physics and Controlled Fusion, 2000, 42, A153-A160.	2.1	71
25	Overview of the JET results with the ITER-like wall. Nuclear Fusion, 2013, 53, 104002.	3.5	70
26	Intermittency of plasma edge fluctuation data: Multifractal analysis. Physics of Plasmas, 2000, 7, 3278-3287.	1.9	68
27	Quiet-Time Statistics of Electrostatic Turbulent Fluxes from the JET Tokamak and the W7-AS and TJ-II Stellarators. Physical Review Letters, 2003, 90, 185005.	7.8	62
28	Additional evidence for the universality of the probability distribution of turbulent fluctuations and fluxes in the scrape-off layer region of fusion plasmas. Physics of Plasmas, 2005, 12, 052507.	1.9	58
29	Experimental evidence of long-range correlations and self-similarity in plasma fluctuations. Physics of Plasmas, 1999, 6, 1885-1892.	1.9	57
30	Electron internal transport barrier formation and dynamics in the plasma core of the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2004, 46, 277-286.	2.1	51
31	Ballistic transport phenomena in TJ-II. Nuclear Fusion, 2002, 42, 787-795.	3.5	49
32	Improved confinement regimes induced by limiter biasing in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2004, 46, 287-297.	2.1	46
33	Overview of JET results. Nuclear Fusion, 2009, 49, 104006.	3.5	46
34	Integrated data analysis at TJ-II: The density profile. Review of Scientific Instruments, 2011, 82, 073503.	1.3	46
35	Statistically robust linear and nonlinear wavelet analysis applied to plasma edge turbulence. Review of Scientific Instruments, 1997, 68, 967-970.	1.3	44
36	Empirical similarity in the probability density function of turbulent transport in the edge plasma region in fusion plasmas. Plasma Physics and Controlled Fusion, 2002, 44, 1557-1564.	2.1	44

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37	Fluid limit of nonintegrable continuous-time random walks in terms of fractional differential equations. Physical Review E, 2005, 71, 011111.	2.1	44
38	Mitigation of NBI-driven AlfvÃ©n eigenmodes by electron cyclotron heating in the TJ-II stellarator. Nuclear Fusion, 2013, 53, 072004.	3.5	44
39	Renormalization of tracer turbulence leading to fractional differential equations. Physical Review E, 2006, 74, 016305.	2.1	43
40	Impact of different confinement regimes on the two-dimensional structure of edge turbulence. Plasma Physics and Controlled Fusion, 2006, 48, B465-B473.	2.1	43
41	Multi-scale physics mechanisms and spontaneous edge transport bifurcations in fusion plasmas. Europhysics Letters, 2009, 87, 55002.	2.0	41
42	Plasma flow, turbulence and magnetic islands in TJ-II. Nuclear Fusion, 2016, 56, 026011.	3.5	39
43	Density profile measurements by AM reflectometry in TJ-II. Plasma Physics and Controlled Fusion, 2001, 43, 1535-1545.	2.1	38
44	Overview of JET results. Nuclear Fusion, 2003, 43, 1540-1554.	3.5	38
45	Electron cyclotron heating and current drive in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 1998, 40, 2113-2130.	2.1	37
46	Overview of TJ-II experiments. Nuclear Fusion, 2005, 45, S266-S275.	3.5	37
47	Confinement and stability on the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2002, 44, B307-B322.	2.1	30
48	Uphill transport and the probabilistic transport model. Physics of Plasmas, 2004, 11, 3787-3794.	1.9	30
49	Long-range correlations and edge transport bifurcation in fusion plasmas. Nuclear Fusion, 2011, 51, 063020.	3.5	30
50	Characterization of the frequency ranges of the plasma edge fluctuation spectra. Physics of Plasmas, 1999, 6, 4615-4621.	1.9	29
51	Probabilistic transport models for plasma transport in the presence of critical thresholds: Beyond the diffusive paradigm. Physics of Plasmas, 2005, 12, 056105.	1.9	28
52	Measurement and control of turbulence spreading in the scrape-off layer of TJ-II stellarator. Nuclear Fusion, 2019, 59, 016018.	3.5	26
53	On the radial scale of fluctuations in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2001, 43, A313-A321.	2.1	25
54	The foundations of diffusion revisited. Plasma Physics and Controlled Fusion, 2005, 47, B743-B754.	2.1	25

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55	Overview of TJ-II experiments. Nuclear Fusion, 2011, 51, 094022.	3.5	24
56	Fractional Generalization of Fickâ€™s Law: A Microscopic Approach. Physical Review Letters, 2007, 99, 230603.	7.8	23
57	Causality detection and turbulence in fusion plasmas. Nuclear Fusion, 2014, 54, 023011.	3.5	23
58	Gradients of electron temperature and density across m = 2 magnetic islands in RTP. Nuclear Fusion, 1993, 33, 1119-1132.	3.5	22
59	Statistical properties and radial structure of plasma turbulence in the boundary region of the L2-M stellarator. Plasma Physics and Controlled Fusion, 1998, 40, 1241-1250.	2.1	22
60	Review of confinement and transport studies in the TJ-II flexible heliac. Nuclear Fusion, 2001, 41, 1449-1457.	3.5	22
61	Moderation of neoclassical impurity accumulation in high temperature plasmas of helical devices. Nuclear Fusion, 2017, 57, 016016.	3.5	22
62	Expansion of vacuum magnetic fields in toroidal harmonics. Computer Physics Communications, 1994, 81, 74-90.	7.5	20
63	Turbulent transport studies in the JET edge plasmas in limiter configuration. Plasma Physics and Controlled Fusion, 2000, 42, 389-400.	2.1	20
64	A general unified expression for solute and heat dispersion in homogeneous porous media. Water Resources Research, 2013, 49, 6166-6178.	4.2	20
65	Analytical model for tracer dispersion in porous media. Physical Review E, 2012, 85, 011306.	2.1	19
66	Layered intrusions and traffic jams. Geology, 2015, 43, 71-74.	4.4	19
67	A possible mechanism for confinement power degradation in the TJ-II stellarator. Physics of Plasmas, 2018, 25, .	1.9	19
68	Confinement studies in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 1999, 41, B109-B117.	2.1	18
69	Spatial, temporal and spectral structure of the turbulenceâ€“flow interaction at the Lâ€“H transition. Plasma Physics and Controlled Fusion, 2012, 54, 124024.	2.1	18
70	Limit cycle oscillations at the Lâ€“Iâ€“H transition in TJ-II plasmas: triggering, temporal ordering and radial propagation. Nuclear Fusion, 2015, 55, 063005.	3.5	18
71	The impact of rational surfaces on radial heat transport in TJ-II. Nuclear Fusion, 2017, 57, 056028.	3.5	18
72	Plasma transport properties in the presence of MHD modes studied by ECE at TEXTOR. Nuclear Fusion, 2003, 43, 1424-1436.	3.5	17

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73	Analysis of Magnetohydrodynamic Instabilities in TJ-II Plasmas. Fusion Science and Technology, 2007, 51, 20-30.	1.1	17
74	Quiet-time statistics: A tool to probe the dynamics of self-organized-criticality systems from within the strong overlapping regime. Physical Review E, 2002, 66, 036124.	2.1	16
75	3D effects on transport and plasma control in the TJ-II stellarator. Nuclear Fusion, 2017, 57, 102022.	3.5	16
76	Electron cyclotron emission calculations for TJ-II stellarator. Nuclear Fusion, 1996, 36, 283-293.	3.5	15
77	Dynamic transport regulation by zonal flow-like structures in the TJ-II stellarator. Nuclear Fusion, 2012, 52, 063010.	3.5	15
78	Higher Harmonics in the Perturbative Transport Study in TJ-II ECH Plasma. Plasma and Fusion Research, 2014, 9, 1202052-1202052.	0.7	15
79	Out of Africa by spontaneous migration waves. PLoS ONE, 2019, 14, e0201998.	2.5	15
80	The impact of edge radial electric fields on edgeâ€“scrape-off layer coupling in the TJ-II stellarator. Nuclear Fusion, 2020, 60, 014001.	3.5	15
81	Intermittency and structures in edge plasma turbulence. Comptes Rendus Physique, 2006, 7, 679-685.	0.9	14
82	Bicoherence during confinement transitions in the TJ-II stellarator. Nuclear Fusion, 2008, 48, 115003.	3.5	14
83	A global resonance phenomenon at the TJ-II stellarator. Nuclear Fusion, 2011, 51, 013005.	3.5	14
84	Study of radial heat transport in W7-X using the transfer entropy. Nuclear Fusion, 2018, 58, 076002.	3.5	14
85	Exact relations between multipole moments of the flux and moments of the toroidal current density in tokamaks. Nuclear Fusion, 1990, 30, 157-160.	3.5	13
86	Experimental investigation of dynamical coupling between density gradients, radial electric fields and turbulent transport in the JET plasma boundary region. Nuclear Fusion, 2002, 42, 1205-1209.	3.5	13
87	Magnetic resonances and electric fields in the TJ-II Heliac. Plasma Physics and Controlled Fusion, 2011, 53, 124022.	2.1	13
88	MHD mode activity and the velocity shear layer at TJ-II. Nuclear Fusion, 2012, 52, 013006.	3.5	13
89	The use of the biorthogonal decomposition for the identification of zonal flows at TJ-II. Plasma Physics and Controlled Fusion, 2015, 57, 025005.	2.1	13
90	Isotope effect physics, turbulence and long-range correlation studies in the TJ-II stellarator. Nuclear Fusion, 2015, 55, 112002.	3.5	13

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91	Particle transport after pellet injection in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2016, 58, 084004.	2.1	13
92	Influence of long-scale length radial electric field components on zonal flow-like structures in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2016, 58, 084005.	2.1	13
93	Function parametrization: a fast inverse mapping method. Computer Physics Communications, 1991, 66, 243-258.	7.5	12
94	Application of function parametrization to the analysis of polarimetry and interferometry data in TEXTOR. Nuclear Fusion, 1991, 31, 309-318.	3.5	12
95	Continuous time random walks in finite domains and general boundary conditions: some formal considerations. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 215004.	2.1	12
96	Measurements of bicoherence and long-range correlations during biasing in the HSX stellarator. Nuclear Fusion, 2011, 51, 083048.	3.5	12
97	Role of isotope mass and evidence of fluctuating zonal flows during the Lâ€“H transition in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2018, 60, 074002.	2.1	12
98	Overview of recent TJ-II stellarator results. Nuclear Fusion, 2019, 59, 112019.	3.5	12
99	Long-range time dependence in the cross-correlation function. Physics of Plasmas, 1999, 6, 485-494.	1.9	11
100	Overview of TJ-II flexible heliac results. Fusion Engineering and Design, 2001, 56-57, 145-154.	1.9	11
101	Revision of TV Thomson scattering data analysis and detection of profile structure. Review of Scientific Instruments, 2003, 74, 3998-4011.	1.3	11
102	The dynamics of the formation of the edge particle transport barrier at TJ-II. Nuclear Fusion, 2011, 51, 113002.	3.5	11
103	Dynamical Coupling between Gradients and Transport in Fusion Plasmas. Physical Review Letters, 2012, 108, 065001.	7.8	11
104	Magnetic well scan and confinement in the TJ-II stellarator. Nuclear Fusion, 2015, 55, 113014.	3.5	11
105	Transport in threshold plasmas for a confinement transition in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2013, 55, 015001.	2.1	10
106	Dynamics of zonal-flow-like structures in the edge of the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2013, 55, 014001.	2.1	10
107	Analysis of TJ-II experimental data with neoclassical formulations of the radial electric field. Plasma Physics and Controlled Fusion, 2015, 57, 115004.	2.1	10
108	Parallel impurity dynamics in the TJ-II stellarator. Plasma Physics and Controlled Fusion, 2016, 58, 074009.	2.1	10

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109	Turbulent filament properties in L and H-mode regime in the RFX-mod operating as a tokamak. Nuclear Fusion, 2020, 60, 126006.	3.5	10
110	Neural network tool for rapid recovery of plasma topology. Review of Scientific Instruments, 1997, 68, 931-934.	1.3	9
111	On the use of critical gradient models in fusion plasma transport studies. Physics of Plasmas, 2006, 13, 062301.	1.9	9
112	Overview of TJ-II experiments. Nuclear Fusion, 2007, 47, S677-S685.	3.5	9
113	Double imaging with an intensified visible fast camera to visualize the fine structure of turbulent coherent plasma structures (blobs) in TJ-II. Plasma Physics and Controlled Fusion, 2014, 56, 105003.	2.1	9
114	Transport, stability and plasma control studies in the TJ-II stellarator. Nuclear Fusion, 2015, 55, 104014.	3.5	9
115	The causal relation between turbulent particle flux and density gradient. Physics of Plasmas, 2016, 23, 072307.	1.9	9
116	The Radial Propagation of Heat in Strongly Driven Non-Equilibrium Fusion Plasmas. Entropy, 2019, 21, 148.	2.2	9
117	Measurements of 2D poloidal plasma profiles and fluctuations in ECRH plasmas using the heavy ion beam probe system in the TJ-II stellarator. Physics of Plasmas, 2020, 27, .	1.9	9
118	Overview of the TJ-II stellarator research programme towards model validation in fusion plasmas. Nuclear Fusion, 2022, 62, 042025.	3.5	9
119	Role of rational surfaces on fluctuations and transport in the plasma edge of the TJ-II stellarator. European Physical Journal D, 2000, 50, 1463-1470.	0.4	8
120	kspectra of Thomson scattering temperature profiles at the TJ-II stellarator. Nuclear Fusion, 2001, 41, 447-453.	3.5	8
121	Radial electric fields and confinement in the TJ-II stellarator. European Physical Journal D, 2005, 55, 317-339.	0.4	8
122	Turbulence studies by fast camera imaging experiments in the TJII stellarator. Journal of Nuclear Materials, 2009, 390-391, 457-460.	2.7	8
123	Effect of fast electrons on the stability of resistive interchange modes in the TJ-II stellarator. Physics of Plasmas, 2016, 23, 062319.	1.9	8
124	Multi-scale study of the isotope effect in ISTTOK. Nuclear Fusion, 2016, 56, 056012.	3.5	8
125	On the interplay between turbulent forces and neoclassical particle losses in zonal flow dynamics. Nuclear Fusion, 2019, 59, 106054.	3.5	8
126	Intermittence and turbulence in fusion devices. Plasma Physics and Controlled Fusion, 2020, 62, 025011.	2.1	8

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127	Continuous time random walks in periodic systems: fluid limit and fractional differential equations on the circle. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 13511-13522.	2.1	7
128	Extraction of intermittent waveforms associated with the zonal flow at the transition leading to the edge shear flow layer. Nuclear Fusion, 2011, 51, 053022.	3.5	7
129	Relevance of Uncorrelated Lorentzian Pulses for the Interpretation of Turbulence in the Edge of Magnetically Confined Toroidal Plasmas. Physical Review Letters, 2012, 109, 105001.	7.8	7
130	A Spectrally Resolved Motional Stark Effect Diagnostic for the TJâ€II Stellarator. Contributions To Plasma Physics, 2015, 55, 459-469.	1.1	7
131	The role of magnetic islands in modifying long range temporal correlations of density fluctuations and local heat transport. Nuclear Fusion, 2016, 56, 016013.	3.5	7
132	Studies of fluctuations in the high-temperature plasma of modern stellarators by the microwave scattering technique. Plasma Physics Reports, 2003, 29, 363-379.	0.9	6
133	Two-Dimensional Turbulence Analysis Using High-Speed Visible Imaging in TJ-II Edge Plasmas. Fusion Science and Technology, 2006, 50, 301-306.	1.1	6
134	Pseudochaotic poloidal transport in the laminar regime of the resistive ballooning instabilities. Physics of Plasmas, 2008, 15, 042302.	1.9	6
135	Analysis of the radial transport of tracers in a turbulence simulation. Physics of Plasmas, 2009, 16, 042319.	1.9	6
136	Frequency and plasma condition dependent spatial structure of low frequency global potential oscillations in the TJ-II stellarator. Nuclear Fusion, 2019, 59, 044006.	3.5	6
137	Spatial characterization of edge zonal flows in the TJ-II stellarator: the roles of plasma heating and isotope mass. Plasma Physics and Controlled Fusion, 2021, 63, 044002.	2.1	6
138	Measurement of Fluctuation Induced Flow by Multiple Langmuir Probes in the TJ-IU Torsatron. Contributions To Plasma Physics, 1998, 38, 93-97.	1.1	5
139	Comment on â€œThe Hurst exponent and long-time correlationâ€•[Phys. Plasmas 7, 1181 (2000)]. Physics of Plasmas, 2000, 7, 5267-5268.	1.9	5
140	Pulse propagation in a simple probabilistic transport model. Nuclear Fusion, 2007, 47, 189-195.	3.5	5
141	Dynamics of flows and confinement in the TJ-II stellarator. Nuclear Fusion, 2013, 53, 104016.	3.5	5
142	Spatiotemporal and wavenumber resolved bicoherence at the low to high confinement transition in the TJ-II stellarator. Nuclear Fusion, 2013, 53, 113034.	3.5	5
143	Applicability of transfer entropy for the calculation of effective diffusivity in heat transport. Physics of Plasmas, 2018, 25, 102304.	1.9	5
144	The localization of low order rational surfaces based on the intermittence parameter in the TJ-II stellarator. Nuclear Fusion, 2020, 60, 056010.	3.5	5

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145	The interpretation of magnetic activity associated with pellet injections into plasmas created in the stellarator TJ-II. Nuclear Fusion, 2021, 61, 076014.	3.5	5
146	First Results of the TJ-I U Torsatron. Fusion Science and Technology, 1995, 27, 198-201.	0.6	5
147	Comments on "Accelerated learning algorithm for multilayer perceptrons: optimization layer by layer". IEEE Transactions on Neural Networks, 1998, 9, 339-341.	4.2	4
148	Effect of unstable MHD modes on the confinement of a stellarator plasma. JETP Letters, 1999, 69, 441-447.	1.4	4
149	Hillslope evolution by nonlinear creep and landsliding: An experimental study: Comment and Reply. Geology, 2002, 30, 481.	4.4	4
150	Inward and outward propagation of the floating potential fluctuations in the plasma edge of the TJ-II stellarator. Nuclear Fusion, 2011, 51, 073027.	3.5	4
151	Transport analysis in an electron cyclotron heating power scan of TJ-II plasmas. Plasma Physics and Controlled Fusion, 2014, 56, 075024.	2.1	4
152	Simplified numerical model for clarifying scaling behavior in the intermediate dispersion regime in homogeneous porous media. Computer Physics Communications, 2014, 185, 3291-3301.	7.5	4
153	Non-diffusive transport of suprathermal ions by intermittent turbulent structures. Plasma Physics and Controlled Fusion, 2016, 58, 014023.	2.1	4
154	Filaments in the edge confinement region of TJ-II. Nuclear Fusion, 2018, 58, 026030.	3.5	4
155	Measurements of plasma beta in stellarators. Nuclear Fusion, 1996, 36, 381-385.	3.5	3
156	Edge Turbulence During Limiter Biasing Experiments in the TJ-II Stellarator. European Physical Journal D, 2003, 53, 877-885.	0.4	3
157	Determination of long-range correlations by quiet-time statistics. Physics of Plasmas, 2005, 12, 052304.	1.9	3
158	Test particle analysis in L- and H-mode simulations. Physics of Plasmas, 2010, 17, .	1.9	3
159	Observation of Filamentary Structures on the Boundary Region of the LHD Stellarator. Contributions To Plasma Physics, 2011, 51, 92-98.	1.1	3
160	Constructing criteria to diagnose the likelihood of extreme events in the case of the electric power grid. Chaos, 2016, 26, 033109.	2.5	3
161	Radial variation of heat transport in L-mode JET discharges. Nuclear Fusion, 2019, 59, 056006.	3.5	3
162	Causality, intermittence, and crossphase evolution during confinement transitions in the TJ-II stellarator. Physics of Plasmas, 2021, 28, 092302.	1.9	3

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163	Topology of 2-D turbulent structures based on intermittence in the TJ-II stellarator. Nuclear Fusion, 0, , .	3.5	3
164	Remote launching of plasma modes in the drift frequency range. Plasma Physics and Controlled Fusion, 1997, 39, 367-374.	2.1	2
165	Observation of extended poloidal structures in the turbulent edge plasma of the L-2M stellarator. JETP Letters, 1998, 67, 662-667.	1.4	2
166	Characterization of radial turbulent fluxes in the Santander linear plasma machine. Physics of Plasmas, 2014, 21, 052303.	1.9	2
167	Causal impact of magnetic fluctuations in slow and fast Lâ€“H transitions at TJ-II. Physics of Plasmas, 2016, 23, 072305.	1.9	2
168	The impact of radial electric fields and plasma rotation on intermittence in TJ-II. Plasma Physics and Controlled Fusion, 2022, 64, 055006.	2.1	2
169	Local plasma radiation loss rate determination in tokamaks and stellarators. Review of Scientific Instruments, 1995, 66, 552-554.	1.3	1
170	Nonlinear phenomena and plasma turbulence in fusion plasmas. Physica Scripta, 1995, 51, 624-626.	2.5	1
171	Diagnostics for measuring equilibrium plasma Î² in stellarators. Fusion Engineering and Design, 1997, 34-35, 695-699.	1.9	1
172	Transport Properties in the TJ-II Flexible Heliac. AIP Conference Proceedings, 2003, , .	0.4	1
173	Parallel and perpendicular turbulence correlation length in the TJ-II Stellarator. Nuclear Fusion, 2013, 53, 093025.	3.5	1
174	Experimental observation of resonance manifold shrinking under zonal flow shear. Physical Review E, 2020, 102, 063201.	2.1	1
175	New experimental data on the possibility of influencing fluctuational particle fluxes in a L-2M stellarator edge plasma. JETP Letters, 1998, 68, 585-591.	1.4	0
176	Quantifying Profile Stiffness. Plasma and Fusion Research, 2008, 3, S1070-S1070.	0.7	0
177	Frequencyâ€domain homotopy inversion using the perturbation theory. , 2011, , .		0