

1 st Authors	Title	Article number	DOI	Sharable link
Yao Zhao	Mitigation of laser plasma parametric instabilities with broadband lasers	Rev. Mod. Plasma Phys. (2023) 7:1	https://doi.org/10.1007/s41614-022-00105-0	https://rdcu.be/d2OgG
G.L. Xiao	A review of supersonic molecular beam injection for plasma fueling and physical studies in magnetic fusion devices	Rev. Mod. Plasma Phys. (2023) 7:2	https://doi.org/10.1007/s41614-022-00103-2	https://rdcu.be/d4IAg
Lei Dai	Kinetic Alfvén wave (KAW) eigenmode in magnetosphere magnetic reconnection	Rev. Mod. Plasma Phys. (2023) 7:3	https://doi.org/10.1007/s41614-022-00107-y	https://rdcu.be/d4IAo
Siye Ding	Progress in the development and understanding of a high poloidal-beta tokamak operating scenario for an attractive fusion pilot plant	Rev. Mod. Plasma Phys. (2023) 7:4	https://doi.org/10.1007/s41614-022-00106-z	https://rdcu.be/d4Iz9
K. Hori	Waves in planetary dynamos	Rev. Mod. Plasma Phys. (2023) 7:5	https://doi.org/10.1007/s41614-022-00104-1	https://rdcu.be/d4Iz5
R.L. Rysak	Kinetic Alfvén waves and auroral particle acceleration:a review	Rev. Mod. Plasma Phys. (2023) 7:6	https://doi.org/10.1007/s41614-022-00111-2	https://rdcu.be/d4IzZ
Mitsuru Kikuchi	Editorial : Reviews of Modern Plasma Physics: Volume 6	Rev. Mod. Plasma Phys. (2023) 7:7	https://doi.org/10.1007/s41614-022-00108-x	https://rdcu.be/d4Iyq
Y. Fukumoto	Isomagnetovortical perturbations and wave energy of MHD flows	Rev. Mod. Plasma Phys. (2023) 7:8	https://doi.org/10.1007/s41614-023-00113-8	https://rdcu.be/d4Iyc
Jiansheng Hu	A review of lithium application for the plasma-facing material in EAST Tokamak	Rev. Mod. Plasma Phys. (2023) 7:9	https://doi.org/10.1007/s41614-023-00114-7	https://rdcu.be/d4IxZ
Yangyang Fu	Similarity theory and scaling laws for low-temperature plasma discharges: a comprehensive review	Rev. Mod. Plasma Phys. (2023) 7:10	https://doi.org/10.1007/s41614-022-00112-1	https://rdcu.be/d4Ixz
Hans Schamel	Pattern formation in Vlasov–Poisson plasmas beyond Landau caused by the continuous spectra of electron and ion hole equilibria	Rev. Mod. Plasma Phys. (2023) 7:11	https://doi.org/10.1007/s41614-022-00109-w	https://rdcu.be/d4IxP
Yipo Zhang	Recent progress on the control and mitigation of runaway electrons and disruption prediction in the HL-2A and J-TEXT tokamaks	Rev. Mod. Plasma Phys. (2023) 7:12	https://doi.org/10.1007/s41614-022-00110-3	https://rdcu.be/d4Iw6
Hiroki Morita	Generation, measurement, and modeling of strong magnetic fields generated by laser-driven micro coils	Rev. Mod. Plasma Phys. (2023) 7:13	https://doi.org/10.1007/s41614-023-00115-6	https://rdcu.be/d4IwH
Guosheng Xu	Recent advances in developing natural and impurity-induced small/no-ELM H-mode regimes in EAST	Rev. Mod. Plasma Phys. (2023) 7:14	https://doi.org/10.1007/s41614-023-00119-2	https://rdcu.be/d4IwG
Pengfei Liu	Nonlinear gyrokinetic simulations of reversed shear Alfvén eigenmodes in DIII-D tokamak	Rev. Mod. Plasma Phys. (2023) 7:15	https://doi.org/10.1007/s41614-023-00117-4	https://rdcu.be/d4Iwh
Julien Hillairet	Review on recent progress in ion cyclotron range of frequency systems, experiments and modelling for magnetic confinement fusion	Rev. Mod. Plasma Phys. (2023) 7:16	https://doi.org/10.1007/s41614-023-00116-5	https://rdcu.be/d4IsL
Richard J. Morton	Alfvénic waves in the inhomogeneous solar atmosphere	Rev. Mod. Plasma Phys. (2023) 7:17	https://doi.org/10.1007/s41614-023-00118-3	https://rdcu.be/d4Isu
Arnab R Choudhuri	The emergence and growth of the flux transport dynamo model of the sunspot cycle	Rev. Mod. Plasma Phys. (2023) 7:18	https://doi.org/10.1007/s41614-023-00120-9	https://rdcu.be/d4IrM
Chao Dong	Collision term for uniformly magnetized plasmas	Rev. Mod. Plasma Phys. (2023) 7:19	https://doi.org/10.1007/s41614-023-00121-8	https://rdcu.be/d4IrF
Ö. D. Gürcan	Wave-number space networks in plasma turbulence	Rev. Mod. Plasma Phys. (2023) 7:20	https://doi.org/10.1007/s41614-023-00122-7	https://rdcu.be/d4IrU
Akihide Fujisawa	Sanae-Inoue Itoh 1952–2019: a memorial note for a pioneer researcher of plasma bifurcation	Rev. Mod. Plasma Phys. (2023) 7:21	https://doi.org/10.1007/s41614-023-00123-6	https://rdcu.be/d4Irh
Nilam Bisai	Theory of plasma blob formation and its numerical and experimental validations	Rev. Mod. Plasma Phys. (2023) 7:22	https://doi.org/10.1007/s41614-023-00124-5	https://rdcu.be/d4Iq4
Katsumi Ida	Isotope effect of transport and key physics in the isotope mixture plasmas	Rev. Mod. Plasma Phys. (2023) 7:23	https://doi.org/10.1007/s41614-023-00126-3	https://rdcu.be/d4IqR
Yasuhiro Kuramitsu	Electron scale magnetic reconnections in laser produced plasmas	Rev. Mod. Plasma Phys. (2023) 7:24	https://doi.org/10.1007/s41614-023-00125-4	https://rdcu.be/d4Iof
Katsumi Ida	Correction to: Reviews of Modern Plasma Physics (2023) 7:23	Rev. Mod. Plasma Phys. (2023) 7:25	https://doi.org/10.1007/s41614-023-00127-2	https://rdcu.be/d4Iob
J. Tito Mendonça	Landau damping and particle trapping in the quantum regime	Rev. Mod. Plasma Phys. (2023) 7:26	https://doi.org/10.1007/s41614-023-00128-1	https://rdcu.be/d4In2
Rongsheng Wang	Recent progress on magnetic reconnection by in situ measurements	Rev. Mod. Plasma Phys. (2023) 7:27	https://doi.org/10.1007/s41614-023-00129-0	https://rdcu.be/d4Inr
Zhiying Qiu	Gyrokinetic theory of toroidal Alfvén eigenmode saturation via nonlinear wave–wave coupling	Rev. Mod. Plasma Phys. (2023) 7:28	https://doi.org/10.1007/s41614-023-00130-7	https://rdcu.be/d4Im9
Bo Ouyang	Plasma nanotechnology: novel tool for high-performance electrode materials for energy storage and conversion	Rev. Mod. Plasma Phys. (2023) 7:29	https://doi.org/10.1007/s41614-023-00131-6	https://rdcu.be/d4Im0
George K. Parks	Electric fields and currents in solar-terrestrial plasmas	Rev. Mod. Plasma Phys. (2023) 7:30	https://doi.org/10.1007/s41614-023-00132-5	https://rdcu.be/d4ImR
Alexandros Alexakis	Quasi-two-dimensional turbulence	Rev. Mod. Plasma Phys. (2023) 7:31	https://doi.org/10.1007/s41614-023-00134-3	https://rdcu.be/d4Imx
Erico L. Rempel	Lagrangian coherent structures in space plasmas	Rev. Mod. Plasma Phys. (2023) 7:32	https://doi.org/10.1007/s41614-023-00136-1	https://rdcu.be/d4Imi
Nobumitsu Yokoi	Unappreciated cross-helicity effects in plasma physics: anti-diffusion effects in dynamo and momentum transport	Rev. Mod. Plasma Phys. (2023) 7:33	https://doi.org/10.1007/s41614-023-00133-4	https://rdcu.be/d4Imb
Chaojie Zhang	Self-organization of photoionized plasmas via kinetic instabilities	Rev. Mod. Plasma Phys. (2023) 7:34	https://doi.org/10.1007/s41614-023-00135-2	https://rdcu.be/d4Il7