

Scott Kruger

List of Publications by Year in descending order

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16
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280
citing authors

#	ARTICLE	IF	CITATIONS
1	Growing neoclassical tearing modes seeded via transient-induced-multimode interactions. Physics of Plasmas, 2022, 29, 022507.	1.9	2
2	Toward performance-portable PETSc for GPU-based exascale systems. Parallel Computing, 2021, 108, 102831.	2.1	13
3	The relationship between flux coordinates and equilibrium-based frames of reference in fusion theory. Physics of Plasmas, 2019, 26, .	1.9	5
4	Effect of scrape-off-layer current on reconstructed tokamak equilibrium. Physics of Plasmas, 2017, 24, .	1.9	3
5	MHD modeling of a DIII-D low-torque QH-mode discharge and comparison to observations. Physics of Plasmas, 2017, 24, .	1.9	11
6	The impact of collisionality, FLR, and parallel closure effects on instabilities in the tokamak pedestal: Numerical studies with the NIMROD code. Physics of Plasmas, 2016, 23, 062123.	1.9	14
7	Verification of continuum drift kinetic equation solvers in NIMROD. Physics of Plasmas, 2015, 22, 032511.	1.9	13
8	A parametric study of the drift-tearing mode using an extended-magnetohydrodynamic model. Physics of Plasmas, 2014, 21, 102113.	1.9	5
9	Edge localized linear ideal magnetohydrodynamic instability studies in an extended-magnetohydrodynamic code. Physics of Plasmas, 2010, 17, 032103.	1.9	42
10	Computational modeling of fully ionized magnetized plasmas using the fluid approximation. Physics of Plasmas, 2006, 13, 058103.	1.9	48
11	Dynamics of the major disruption of a DIII-D plasma. Physics of Plasmas, 2005, 12, 056113.	1.9	25
12	Nonlocal closures for plasma fluid simulations. Physics of Plasmas, 2004, 11, 2419-2426.	1.9	34
13	Heuristic closures for numerical simulations of neoclassical tearing modes. Physics of Plasmas, 2002, 9, 536-547.	1.9	27
14	Generalized reduced magnetohydrodynamic equations. Physics of Plasmas, 1998, 5, 4169-4182.	1.9	34