

# Thomas Body

## List of Publications by Year in descending order

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9  
papers

156  
citations

1307594

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1372567

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10  
all docs

10  
docs citations

10  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global turbulence simulations of the tokamak edge region with GRILLIX. Physics of Plasmas, 2019, 26, .	1.9	36
2	Electric field and turbulence in global Braginskii simulations across the ASDEX Upgrade edge and scrape-off layer. Plasma Physics and Controlled Fusion, 2021, 63, 034001.	2.1	25
3	A volume-averaged model of nitrogen-hydrogen plasma chemistry to investigate ammonia production in a plasma-surface-interaction device. Plasma Physics and Controlled Fusion, 2018, 60, 075011.	2.1	20
4	The role of particle, energy and momentum losses in 1D simulations of divertor detachment. Plasma Physics and Controlled Fusion, 2019, 61, 065008.	2.1	20
5	Preliminary analysis of alternative divertors for DEMO. Nuclear Materials and Energy, 2021, 26, 100908.	1.3	19
6	Validation of edge turbulence codes in a magnetic X-point scenario in TORPEX. Physics of Plasmas, 2022, 29, .	1.9	11
7	Full- <i>f</i> electromagnetic gyrokinetic turbulence simulations of the edge and scrape-off layer of ASDEX Upgrade with GENE-X. Physics of Plasmas, 2022, 29, .	1.9	11
8	Thermal dynamics in the flux-coordinate independent turbulence code GRILLIX. Contributions To Plasma Physics, 2020, 60, e201900131.	1.1	7
9	Treatment of advanced divertor configurations in the flux-coordinate independent turbulence code GRILLIX. Contributions To Plasma Physics, 2020, 60, e201900139.	1.1	5