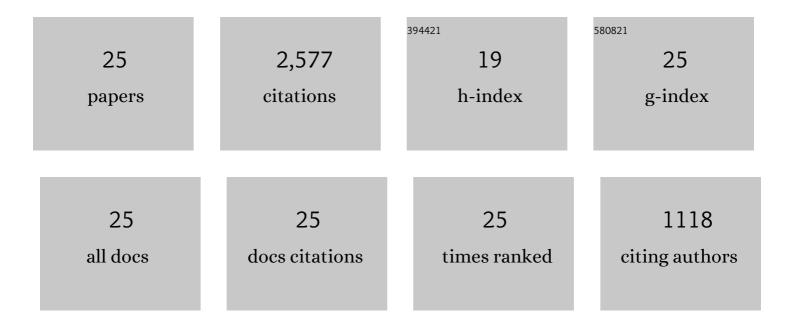
David H Munro

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Optimal choice of multiple line-of-sight measurements determining plasma hotspot velocity at the National Ignition Facility. Review of Scientific Instruments, 2021, 92, 023513.	1.3	5
2	Interpolating individual line-of-sight neutron spectrometer measurements onto the "sky―at the National Ignition Facility (NIF). Review of Scientific Instruments, 2021, 92, 043512.	1.3	5
3	Three dimensional low-mode areal-density non-uniformities in indirect-drive implosions at the National Ignition Facility. Physics of Plasmas, 2021, 28, .	1.9	12
4	Single and double shell ignition targets for the national ignition facility at 527 nm. Physics of Plasmas, 2021, 28, .	1.9	3
5	Observation of Hydrodynamic Flows in Imploding Fusion Plasmas on the National Ignition Facility. Physical Review Letters, 2021, 127, 125001.	7.8	20
6	Three-dimensional modeling and hydrodynamic scaling of National Ignition Facility implosions. Physics of Plasmas, 2019, 26, .	1.9	70
7	First D+D neutron image at the National Ignition Facility. Physics of Plasmas, 2018, 25, .	1.9	9
8	Impact of temperature-velocity distribution on fusion neutron peak shape. Physics of Plasmas, 2017, 24,	1.9	27
9	Uncertainty analysis of signal deconvolution using a measured instrument response function. Review of Scientific Instruments, 2016, 87, 11D841.	1.3	3
10	Interpreting inertial fusion neutron spectra. Nuclear Fusion, 2016, 56, 036001.	3.5	65
11	Indications of flow near maximum compression in layered deuterium-tritium implosions at the National Ignition Facility. Physical Review E, 2016, 94, 021202.	2.1	49
12	Fluence-compensated down-scattered neutron imaging using the neutron imaging system at the National Ignition Facility. Review of Scientific Instruments, 2016, 87, 11E715.	1.3	24
13	Analysis of the neutron time-of-flight spectra from inertial confinement fusion experiments. Journal of Applied Physics, 2015, 118, .	2.5	92
14	Three-dimensional simulations of National Ignition Facility implosions: Insight into experimental	1.9	28
15	Mode 1 drive asymmetry in inertial confinement fusion implosions on the National Ignition Facility. Physics of Plasmas, 2014, 21, .	1.9	81
16	An in-flight radiography platform to measure hydrodynamic instability growth in inertial confinement fusion capsules at the National Ignition Facility. Physics of Plasmas, 2014, 21, .	1.9	98
17	Progress towards ignition on the National Ignition Facility. Physics of Plasmas, 2013, 20, .	1.9	259
18	Nuclear imaging of the fuel assembly in ignition experiments. Physics of Plasmas, 2013, 20, 056320.	1.9	65

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#	Article	IF	CITATIONS
19	Neutron spectrometry—An essential tool for diagnosing implosions at the National Ignition Facility (invited). Review of Scientific Instruments, 2012, 83, 10D308.	1.3	117
20	Shock timing experiments on the National Ignition Facility: Initial results and comparison with simulation. Physics of Plasmas, 2012, 19, .	1.9	115
21	A high-resolution integrated model of the National Ignition Campaign cryogenic layered experiments. Physics of Plasmas, 2012, 19, .	1.9	108
22	Performance metrics for inertial confinement fusion implosions: Aspects of the technical framework for measuring progress in the National Ignition Campaign. Physics of Plasmas, 2012, 19, .	1.9	78
23	Capsule implosion optimization during the indirect-drive National Ignition Campaign. Physics of Plasmas, 2011, 18, .	1.9	131
24	Point design targets, specifications, and requirements for the 2010 ignition campaign on the National Ignition Facility. Physics of Plasmas, 2011, 18, .	1.9	534
25	Three-dimensional HYDRA simulations of National Ignition Facility targets. Physics of Plasmas, 2001, 8, 2275-2280.	1.9	579