

Stephen James Howard

<https://orcid.org/0009-0007-3247-6096>

Websites & Social Links

ResearchGate profile (<https://www.researchgate.net/profile/Stephen-Howard-5>)

Employment (1)

General Fusion (Canada): Burnaby, CA

2007-10 to present

Employment

Source:Stephen James Howard

Education and qualifications (1)

University of California, Davis: Davis, US

2000-09 to 2006-06 | Ph. D. (Engineering Applied Science)

Education

Source:Stephen James Howard

Works (13 of 13)

Boundary plasma studies for a spherical tokamak with lithium walls

Nuclear Materials and Energy

2025-03 | journal-article

DOI: 10.1016/j.nme.2025.101885

Source:Crossref

Measurement of spherical tokamak plasma compression in the PCS-16 magnetized target fusion experiment

Nuclear Fusion

2025-01-01 | journal-article

DOI: 10.1088/1741-4326/ad9033

Source:Crossref

Neutron emission spectrometer to measure ion temperature on the Fusion Demonstration Plant

Review of Scientific Instruments

2022-11-01 | journal-article

DOI: 10.1063/5.0101814

Part of ISSN: 1089-7623

Source:Stephen James HowardviaCrossref Metadata Search

Magnetic levitation and compression of compact tori*Physics of Plasmas*

2020-06-01 | journal-article

DOI: 10.1063/1.5126148

Part of ISSN: 1089-7674**Source:**Stephen James Howard *via* Crossref Metadata Search**Polarimeter for the General Fusion SPECTOR machine***Review of Scientific Instruments*

2016-08-01 | journal-article

DOI: 10.1063/1.4959797

Part of ISSN: 1089-7623**Source:**Stephen James Howard *via* Crossref Metadata Search**High-bandwidth polarimeter for a high density, accelerated spheromak***Review of Scientific Instruments*

2013-08-01 | journal-article

DOI: 10.1063/1.4819307

Part of ISSN: 1089-7623**Source:**Stephen James Howard *via* Crossref Metadata Search**Acoustically driven Magnetized Target Fusion***2013 IEEE 25th Symposium on Fusion Engineering (SOFE)*

2013-06 | conference-paper

DOI: 10.1109/sofe.2013.6635495

Source:Stephen James Howard *via* Crossref Metadata Search**Impurity production and acceleration in CTIX***Journal of Nuclear Materials*

2009-06 | journal-article

DOI: 10.1016/j.jnucmat.2009.01.058

Part of ISSN: 0022-3115**Source:**Stephen James Howard *via* Crossref Metadata Search**Development of Merged Compact Toroids for Use as a Magnetized Target Fusion Plasma***Journal of Fusion Energy*

2008-11-11 | journal-article

DOI: 10.1007/s10894-008-9167-9

Part of ISSN: 1572-9591**Source:**Stephen James Howard *via* Crossref Metadata Search

**Poloidal field amplification in a coaxial compact toroid
accelerator***Nuclear Fusion*

2008-08-06 | journal-article

DOI: 10.1088/0029-5515/48/9/095002

Part of ISSN: 1741-4326

Source:Stephen James HowardviaCrossref Metadata Search**Profiling Line-Averaged Compact Toroid Electron Density
on CTIX With Arrayed Laser Deflectometry***IEEE Transactions on Plasma Science*

2008-08 | journal-article

DOI: 10.1109/tps.2008.924416

Part of ISSN: 0093-3813

Source:Stephen James HowardviaCrossref Metadata Search**Engineering Improvements and Physics Studies of the
Accelerated Compact Toroid in the CTIX Injector***Journal of Fusion Energy*

2007-07-20 | journal-article

DOI: 10.1007/s10894-007-9093-2

Part of ISSN: 1572-9591

Source:Stephen James HowardviaCrossref Metadata Search**Advances in CTIX Accelerator Study***Journal of Fusion Energy*

2006-12-01 | journal-article

DOI: 10.1007/s10894-006-9060-3

Part of ISSN: 1572-9591

Source:Stephen James HowardviaCrossref Metadata Search**Peer review (1)**

• review activity for Physics of plasmas. (1)*Record last modified Oct 10, 2025, 8:54:02 PM*