

Pablo Ducru

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

65
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Windowed multipole for cross section Doppler broadening. Journal of Computational Physics, 2016, 307, 715-727.	3.8	27
2	Windowed multipole representation of R -matrix cross sections. Physical Review C, 2021, 103, .	2.9	7
3	Kernel reconstruction methods for Doppler broadening – Temperature interpolation by linear combination of reference cross sections at optimally chosen temperatures. Journal of Computational Physics, 2017, 335, 535-557.	3.8	6
4	Generalized Reich-Moore R -matrix approximation. EPJ Web of Conferences, 2017, 146, 12006.	0.3	5
5	Converting point-wise nuclear cross sections to pole representation using regularized vector fitting. Computer Physics Communications, 2018, 224, 52-62.	7.5	5
6	An Analytic Benchmark for Neutron Boltzmann Transport with Downscattering – Part I: Flux and Eigenvalue Solutions. Nuclear Science and Engineering, 2021, 195, 795-812.	1.1	3
7	Shadow poles in the alternative parametrization of R -matrix theory. Physical Review C, 2021, 103, .	2.9	3
8	Scattering matrix pole expansions for complex wave numbers in R -matrix theory. Physical Review C, 2021, 103, .	2.9	3
9	An Analytic Benchmark for Neutron Boltzmann Transport with Downscattering – Part II: Flux and Eigenvalue Sensitivities to Nuclear Cross Sections and Resonance Parameters. Nuclear Science and Engineering, 2021, 195, 813-824.	1.1	3
10	Definite complete invariant parametrization of R -matrix theory. Physical Review C, 2022, 105, .	2.9	3