

# Louise Desplat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6686888/publications.pdf>

Version: 2024-02-01

9  
papers

175  
citations

1684188

5  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism for ultrafast electric-field driven skyrmion nucleation. Physical Review B, 2021, 104, .	3.2	9
2	Thermal Stability of Chiral Magnetic Skyrmions from Langer's Theory. Springer Theses, 2021, , 75-101.	0.1	0
3	Skyrmion Collapse Rate Computation via Forward Flux Sampling and Comparison with Langer's Theory. Springer Theses, 2021, , 103-122.	0.1	0
4	Entropy-reduced Retention Times in Magnetic Memory Elements: A Case of the Meyer-Neldel Compensation Rule. Physical Review Letters, 2020, 125, 107201.	7.8	28
5	Asymmetric skyrmion-antiskyrmion production in ultrathin ferromagnetic films. Physical Review B, 2020, 102, .	3.2	7
6	Path sampling for lifetimes of metastable magnetic skyrmions and direct comparison with Kramers' method. Physical Review B, 2020, 101, .	3.2	25
7	Quantifying the Thermal Stability in Perpendicularly Magnetized Ferromagnetic Nanodisks with Forward Flux Sampling. Physical Review Applied, 2020, 14, .	3.8	4
8	Paths to annihilation of first- and second-order (anti)skyrmions via (anti)meron nucleation on the frustrated square lattice. Physical Review B, 2019, 99, .	3.2	36
9	Thermal stability of metastable magnetic skyrmions: Entropic narrowing and significance of internal eigenmodes. Physical Review B, 2018, 98, .	3.2	66