

# Joanna Slawinska

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

229  
citations

933447

10  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Embedding classical dynamics in a quantum computer. <i>Physical Review A</i> , 2022, 105, .	2.5	10
2	Reproducing kernel Hilbert space compactification of unitary evolution groups. <i>Applied and Computational Harmonic Analysis</i> , 2021, 54, 75-136.	2.2	30
3	Spectral analysis of climate dynamics with operator-theoretic approaches. <i>Nature Communications</i> , 2021, 12, 6570.	12.8	13
4	Data-driven Koopman operator approach for computational neuroscience. <i>Annals of Mathematics and Artificial Intelligence</i> , 2020, 88, 1155-1173.	1.3	16
5	Extended-range statistical ENSO prediction through operator-theoretic techniques for nonlinear dynamics. <i>Scientific Reports</i> , 2020, 10, 2636.	3.3	18
6	Spatiotemporal Pattern Extraction by Spectral Analysis of Vector-Valued Observables. <i>Journal of Nonlinear Science</i> , 2019, 29, 2385-2445.	2.1	11
7	The Antarctic circumpolar wave and its seasonality: Intrinsic travelling modes and El Niño–Southern Oscillation teleconnections. <i>International Journal of Climatology</i> , 2019, 39, 1026-1040.	3.5	12
8	Indo-Pacific Variability on Seasonal to Multidecadal Time Scales. Part II: Multiscale Atmosphere–Ocean Linkages. <i>Journal of Climate</i> , 2018, 31, 693-725.	3.2	9
9	Impact of Volcanic Eruptions on Decadal to Centennial Fluctuations of Arctic Sea Ice Extent during the Last Millennium and on Initiation of the Little Ice Age. <i>Journal of Climate</i> , 2018, 31, 2145-2167.	3.2	52
10	A New Approach to Signal Processing of Spatiotemporal Data. , 2018, , .		2
11	Data-driven spectral decomposition of ECoG signal from an auditory oddball experiment in a marmoset monkey: Implications for EEG data in humans. , 2018, , .		3
12	Indo-Pacific Variability on Seasonal to Multidecadal Time Scales. Part I: Intrinsic SST Modes in Models and Observations. <i>Journal of Climate</i> , 2017, 30, 5265-5294.	3.2	18
13	Multiscale Interactions in an Idealized Walker Cell: Analysis with Isentropic Streamfunctions. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1187-1203.	1.7	5
14	Multiscale Interactions in an Idealized Walker Cell: Simulations with Sparse Space–Time Superparameterization. <i>Monthly Weather Review</i> , 2015, 143, 563-580.	1.4	13
15	Multiscale Interactions in an Idealized Walker Circulation: Mean Circulation and Intraseasonal Variability. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 953-971.	1.7	17