

# StÃ©fan J Van Der Walt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2048451/publications.pdf>

Version: 2024-02-01

11  
papers

40,187  
citations

1163117

8  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

45595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying computer vision to digitised natural history collections for climate change research: Temperature-size responses in British butterflies. <i>Methods in Ecology and Evolution</i> , 2023, 14, 372-384.	5.2	10
2	HEALPix Alchemy: Fast All-Sky Geometry and Image Arithmetic in a Relational Database for Multimessenger Astronomy Brokers. <i>Astronomical Journal</i> , 2022, 163, 209.	4.7	2
3	Tails: Chasing Comets with the Zwicky Transient Facility and Deep Learning. <i>Astronomical Journal</i> , 2021, 161, 218.	4.7	6
4	Array programming with NumPy. <i>Nature</i> , 2020, 585, 357-362.	27.8	10,143
5	SciPy 1.0: fundamental algorithms for scientific computing in Python. <i>Nature Methods</i> , 2020, 17, 261-272.	19.0	17,539
6	Revealing ferroelectric switching character using deep recurrent neural networks. <i>Nature Communications</i> , 2019, 10, 4809.	12.8	34
7	SkyPortal: An Astronomical Data Platform. <i>Journal of Open Source Software</i> , 2019, 4, 1247.	4.6	29
8	A recurrent neural network for classification of unevenly sampled variable stars. <i>Nature Astronomy</i> , 2018, 2, 151-155.	10.1	94
9	cesium: Open-Source Platform for Time-Series Inference. , 2016, , .		5
10	scikit-image: image processing in Python. <i>PeerJ</i> , 2014, 2, e453.	2.0	3,711
11	The NumPy Array: A Structure for Efficient Numerical Computation. <i>Computing in Science and Engineering</i> , 2011, 13, 22-30.	1.2	7,797