

# Peter J Nolan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/714610/publications.pdf>

Version: 2024-02-01

6  
papers

98  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinated Unmanned Aircraft System (UAS) and Ground-Based Weather Measurements to Predict Lagrangian Coherent Structures (LCSs). <i>Sensors</i> , 2018, 18, 4448.	3.8	43
2	Finite-time Lyapunov exponents in the instantaneous limit and material transport. <i>Nonlinear Dynamics</i> , 2020, 100, 3825-3852.	5.2	24
3	A Method for Detecting Atmospheric Lagrangian Coherent Structures Using a Single Fixed-Wing Unmanned Aircraft System. <i>Sensors</i> , 2019, 19, 1607.	3.8	11
4	Trajectory-free approximation of phase space structures using the trajectory divergence rate. <i>Nonlinear Dynamics</i> , 2019, 96, 685-702.	5.2	9
5	Pollution Transport Patterns Obtained Through Generalized Lagrangian Coherent Structures. <i>Atmosphere</i> , 2020, 11, 168.	2.3	6
6	Lagrangian Reduced Order Modeling Using Finite Time Lyapunov Exponents. <i>Fluids</i> , 2020, 5, 189.	1.7	5