

# Alan D Burns

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4046918/publications.pdf>

Version: 2024-02-01

6  
papers

66  
citations

1684188  
5  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulse propagation in turbidity currents. <i>Sedimentology</i> , 2018, 65, 620-637.	3.1	19
2	The inherent instability of leveed seafloor channels. <i>Geophysical Research Letters</i> , 2015, 42, 4023-4031.	4.0	17
3	Hydrodynamic efficiency in sharks: the combined role of riblets and denticles. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 046008.	2.9	16
4	Scaling Analysis of Multipulsed Turbidity Current Evolution With Application to Turbidite Interpretation. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3668-3684.	2.6	7
5	Modelling of gas flow in shale using a finite volume method. <i>Applied Mathematical Modelling</i> , 2017, 49, 394-414.	4.2	5
6	Graphics processing unit accelerated lattice Boltzmann method simulations of dilute gravity currents. <i>Physics of Fluids</i> , 2022, 34, .	4.0	2