

# David Muir Wood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6445120/publications.pdf>

Version: 2024-02-01

24  
papers

1,389  
citations

687220

13  
h-index

752573

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

980  
citing authors

#	ARTICLE	IF	CITATIONS
1	A bonding and damage constitutive model for lightly cemented granular material. Computers and Geotechnics, 2020, 127, 103732.	2.3	8
2	Robin Arthur. Geotechnique, 2018, 68, 184-187.	2.2	0
3	Back analysis of the Kanowna Belle stope filling case history. Computers and Geotechnics, 2016, 76, 201-211.	2.3	9
4	Fibres and soils: A route towards modelling of root-soil systems. Soils and Foundations, 2016, 56, 765-778.	1.3	39
5	Memory Surface Hardening Model for Granular Soils under Repeated Loading Conditions. Journal of Engineering Mechanics - ASCE, 2016, 142, .	1.6	41
6	Coupled Chemical Shrinkage and Consolidation: Some Benchmark Solutions. Transport in Porous Media, 2014, 105, 349-370.	1.2	13
7	Dynamic soil-structure interaction of monopile supported wind turbines in cohesive soil. Soil Dynamics and Earthquake Engineering, 2013, 49, 165-180.	1.9	273
8	Briefing: Biological routes to improvement of geomaterials. Proceedings of Institution of Civil Engineers: Construction Materials, 2013, 166, 190-194.	0.7	2
9	Evaluating modified Cam clay parameters from undrained triaxial compression data using targeted optimization. Canadian Geotechnical Journal, 2012, 49, 1285-1292.	1.4	10
10	Stresses in granular materials. Granular Matter, 2011, 13, 395-415.	1.1	43
11	Granular Materials at Meso and Macro Scale: Photo-Elasticity and Digital Image Correlation. Springer Series in Geomechanics and Geoengineering, 2011, , 353-358.	0.0	2
12	Particle Crushing and Deformation Behaviour. Soils and Foundations, 2010, 50, 547-563.	1.3	134
13	Localised deformation patterning in 2D granular materials revealed by digital image correlation. Granular Matter, 2010, 12, 1-14.	1.1	101
14	Observations of Stresses and Strains in a Granular Material. Journal of Engineering Mechanics - ASCE, 2009, 135, 1038-1054.	1.6	45
15	Particle scale features in shearing of glass ballotini. , 2009, , .		2
16	Particle Crushing in Granular Assemblies. , 2009, , .		3
17	Point load tests and strength measurements for brittle spheres. International Journal of Rock Mechanics and Minings Sciences, 2009, 46, 272-280.	2.6	79
18	Crushing of particles in idealised granular assemblies. Journal of the Mechanics and Physics of Solids, 2009, 57, 1293-1313.	2.3	67

#	ARTICLE	IF	CITATIONS
19	Changing grading of soil: effect on critical states. <i>Acta Geotechnica</i> , 2008, 3, 3-14.	2.9	350
20	Hierarchical Critical State Models. , 2005, , 459.		2
21	Shaking table testing of geotechnical models. <i>International Journal of Physical Modelling in Geotechnics</i> , 2002, 2, 01-13.	0.5	91
22	Some observations of volumetric instabilities in soils. <i>International Journal of Solids and Structures</i> , 2002, 39, 3429-3449.	1.3	66
23	Micro-scale geotechnical variability in continental slope and abyssal sediments influenced by the oxygen minimum zone in the Arabian Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000, 47, 281-301.	0.6	5
24	Microscale biogeotechnical differences in intertidal sedimentary ecosystems. <i>Geological Society Special Publication</i> , 1998, 139, 349-366.	0.8	4