

# Sam Clarke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7326577/publications.pdf>

Version: 2024-02-01

10  
papers

252  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary yield estimation of the 2020 Beirut explosion using video footage from social media. <i>Shock Waves</i> , 2020, 30, 671-675.	1.9	79
2	Reflected Near-field Blast Pressure Measurements Using High Speed Video. <i>Experimental Mechanics</i> , 2020, 60, 875-888.	2.0	30
3	Characterisation of buried blast loading. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190791.	2.1	4
4	Local variations in gabion structures. <i>International Journal of Protective Structures</i> , 2018, 9, 415-431.	2.3	1
5	Influence of particle size distribution on the blast pressure profile from explosives buried in saturated soils. <i>Shock Waves</i> , 2018, 28, 613-626.	1.9	21
6	Effect of Moisture Content on High Strain Rate Compressibility and Particle Breakage in Loose Sand. <i>Experimental Mechanics</i> , 2018, 58, 1331-1334.	2.0	19
7	Electromagnetic Interference in Measurements of Radial Stress During Split Hopkinson Pressure Bar Experiments. <i>Experimental Mechanics</i> , 2017, 57, 813-817.	2.0	8
8	A large scale experimental approach to the measurement of spatially and temporally localised loading from the detonation of shallow-buried explosives. <i>Measurement Science and Technology</i> , 2015, 26, 015001.	2.6	42
9	Designing simulator tools for rail research: The case study of a train driving microworld. <i>Applied Ergonomics</i> , 2013, 44, 445-454.	3.1	24
10	Effect of inundation on shear strength characteristics of mudstone backfill. <i>Engineering Geology</i> , 2013, 158, 48-56.	6.3	24