John Coggan

List of Publications by Year
in descending order

21	648	567281 15	752698 20
papers	citations	h-index	g-index

22	22	22	805
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of coal longwall caving characteristics using an innovative UDEC Trigon approach. Computers and Geotechnics, 2014, 55, 448-460.	4.7	144
2	Petrographic features as an effective indicator for the variation in strength of granites. Engineering Geology, 2016, 202, 44-54.	6.3	75
3	Improvements in the integration of remote sensing and rock slope modelling. Natural Hazards, 2018, 90, 975-1004.	3.4	48
4	Characterization of harbor sediments from the English Channel: assessment of heavy metal enrichment, biological effect and mobility. Marine Pollution Bulletin, 2015, 90, 273-280.	5.0	45
5	Bringing Lunar LiDAR Back Down to Earth: Mapping Our Industrial Heritage through Deep Transfer Learning. Remote Sensing, 2019, 11, 1994.	4.0	37
6	A Sentinel-2 based multispectral convolutional neural network for detecting artisanal small-scale mining in Ghana: Applying deep learning to shallow mining. Remote Sensing of Environment, 2020, 248, 111970.	11.0	36
7	Use of a remotely piloted aircraft system for hazard assessment in a rocky mining area (Lucca, Italy). Natural Hazards and Earth System Sciences, 2018, 18, 287-302.	3.6	34
8	A Combined Remote Sensingâ€“Numerical Modelling Approach to the Stability Analysis of Delabole Slate Quarry, Cornwall, UK. Rock Mechanics and Rock Engineering, 2016, 49, 1227-1245.	5.4	32
9	Application of Unmanned Aerial Vehicle Data and Discrete Fracture Network Models for Improved Rockfall Simulations. Remote Sensing, 2020, 12, 2053.	4.0	29
10	The Use of Remote Sensing Techniques for Monitoring and Characterization of Slope Instability. Procedia Engineering, 2017, 191, 150-157.	1.2	27
11	Application of Remote Sensing Data for Evaluation of Rockfall Potential within a Quarry Slope. ISPRS International Journal of Geo-Information, 2019, 8, 367.	2.9	22
12	A machine learning approach for the detection of supporting rock bolts from laser scan data in an underground mine. Tunnelling and Underground Space Technology, 2021, 107, 103656.	6.2	22
13	A combined field/remote sensing approach for characterizing landslide risk in coastal areas. International Journal of Applied Earth Observation and Geoinformation, 2018, 67, 79-95.	2.8	20
14	A Multi-Disciplinary Approach to the Study of Large Rock Avalanches Combining Remote Sensing, GIS and Field Surveys: The Case of the Scanno Landslide, Italy. Remote Sensing, 2019, 11, 1570.	4.0	20
15	Comparison of three procedures (single, sequential and kinetic extractions) for mobility assessment of Cu, Pb and Zn in harbour sediments. Comptes Rendus - Geoscience, 2015, 347, 94-102.	1.2	15
16	Trace element mobility in a polluted marine sediment after stabilisation with hydraulic binders. Marine Pollution Bulletin, 2016, 110, 401-408.	5.0	14
17	Maximizing Impacts of Remote Sensing Surveys in Slope Stabilityâ€”A Novel Method to Incorporate Discontinuities into Machine Learning Landslide Prediction. ISPRS International Journal of Geo-Information, 2021, 10, 232.	2.9	10
18	Geotechnical and mineralogical characterisations of marine-dredged sediments before and after stabilisation to optimise their use as a road material. Environmental Technology (United Kingdom), 2017, 38, 3034-3046.	2.2	8

#	Article	IF	Citations
19	Modelling discontinuity control on the development of Hellâ€™s Mouth landslide. Landslides, 2022, 19, 277-295.	5.4	6
20	Integration of Laser Scanning and Three-dimensional Models in the Legal Process Following an Industrial Accident. Safety and Health at Work, 2017, 8, 306-314.	0.6	4
21	Ultrasonic inspection of flooded mineshafts for stability monitoring. Mining Technology: Transactions of the Institute of Mining and Metallurgy, 2019, 128, 177-185.	0.5	0