

Li-Yuan Chi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

214
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

122
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fracture Processes in Granite Blocks Under Blast Loading. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 853-868. | 5.4 | 49 |
| 2 | Measurement of shock pressure and shock-wave attenuation near a blast hole in rock. <i>International Journal of Impact Engineering</i> , 2019, 125, 27-38. | 5.0 | 47 |
| 3 | Experimental Investigation of Blast-Induced Fractures in Rock Cylinders. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 2569-2584. | 5.4 | 41 |
| 4 | Experimental study of rock fragmentation under different stemming conditions in model blasting. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 143, 104797. | 5.8 | 23 |
| 5 | Fracture Initiation, Gas Ejection, and Strain Waves Measured on Specimen Surfaces in Model Rock Blasting. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 647-663. | 5.4 | 15 |
| 6 | Experimental Study on the Temporal and Morphological Characteristics of Dynamic Tensile Fractures in Igneous Rocks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11230. | 2.5 | 11 |
| 7 | Experimental Investigation of Decoupled Charge Effect on Rock Fragmentation by Blasting. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 3791-3806. | 5.4 | 11 |
| 8 | An empirical approach for predicting burden velocities in rock blasting. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 767-773. | 8.1 | 8 |
| 9 | Investigation on the Deformation and Failure Characteristics of Concrete in Dynamic Splitting Tests. <i>Materials</i> , 2022, 15, 1681. | 2.9 | 5 |
| 10 | Effect of Specimen Placement on Model Rock Blasting. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 3945-3960. | 5.4 | 4 |