

Zeng, Q L

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4235824/publications.pdf>

Version: 2024-02-01

52
papers

375
citations

932766

10
h-index

887659

17
g-index

52
all docs

52
docs citations

52
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a screw conveyor with axial tilt blades on a shearer drum and investigation of conveying performance based on DEM. <i>Particuology</i> , 2022, 61, 91-102.	2.0	16
2	Reliability Importance Measures considering Performance and Costs of Mechanical Hydraulic System for Hydraulic Excavators. <i>Journal of Sensors</i> , 2022, 2022, 1-13.	0.6	0
3	Adaptive Robust Control for Uncertain Systems via Data-Driven Learning. <i>Journal of Sensors</i> , 2022, 2022, 1-9.	0.6	0
4	Dynamic response and reliability analysis of shearer drum cutting performance in coal mining process. <i>Eksploracja I Niezawodność</i> , 2022, 24, 123-129.	1.1	1
5	Influence of Coal Caving Time and Tail Beam Swing Angle on the Evolution of the Coal Gangue Boundary Line during Top Coal Caving. <i>Shock and Vibration</i> , 2022, 2022, 1-14.	0.3	0
6	Research on Cutting Performance of Conical Pick Cutting Rock Plate with One Side Constrain and Three Sides Free. <i>Science Progress</i> , 2022, 105, 003685042210791.	1.0	0
7	Vibration Response Analysis of Hydraulic Support Based on Real Shape Coal Gangue Particles. <i>Energies</i> , 2022, 15, 1633.	1.6	4
8	Numerical Investigation of Effect of Drum Barrel on Coal-Loading Performance of Thin-Coal-Seam Shearer Machines. <i>Machines</i> , 2022, 10, 253.	1.2	0
9	Simulation Research on Impact Contact Behavior between Coal Gangue Particle and the Hydraulic Support: Contact Response Differences Induced by the Difference in Impacted Location and Impact Material. <i>Materials</i> , 2022, 15, 3890.	1.3	4
10	Detection of bulk feed volume based on binocular stereo vision. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
11	Analysis of the vibration characteristics of tail beam of the hydraulic support under random coal gangue particle slip conditions. <i>PLoS ONE</i> , 2022, 17, e0269865.	1.1	1
12	Dynamic Properties of Chain Drive in a Scraper Conveyor under Various Working Conditions. <i>Machines</i> , 2022, 10, 579.	1.2	8
13	A Dynamic Fusion Pathfinding Algorithm Using Delaunay Triangulation and Improved A-Star for Mobile Robots. <i>IEEE Access</i> , 2021, 9, 20602-20621.	2.6	59
14	Simulation Research on the Influence of the Clearance to the Impact Contact Characteristics between Coal Gangue and the Clearance-Contained Tail Beam Structure. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-14.	1.0	2
15	Loading Performance of a Novel Shearer Drum Applied to Thin Coal Seams. <i>Energies</i> , 2021, 14, 358.	1.6	2
16	Dynamic Analysis of the Scraper Conveyor under Abnormal Operating Conditions Based on the Vibration and Speed Characteristics. <i>Shock and Vibration</i> , 2021, 2021, 1-17.	0.3	3
17	Simulation and Experiment of a Kind of Thin-Walled Tube Crushing Member Used for Antiimpact Column. <i>Shock and Vibration</i> , 2021, 2021, 1-12.	0.3	0
18	Numerical Simulation of the Influence of the Distance between the Diamond Sawblade and Free Surface on Cutting Performance. <i>Shock and Vibration</i> , 2021, 2021, 1-13.	0.3	1

#	ARTICLE	IF	CITATIONS
19	The Impact Behavior between Coal Gangue Particles and the Tail Beam Based on Rock Failure. Shock and Vibration, 2021, 2021, 1-15.	0.3	3
20	Adaptive Critic Learning-Based Robust Control of Systems with Uncertain Dynamics. Computational Intelligence and Neuroscience, 2021, 2021, 1-8.	1.1	0
21	Numerical Simulation on Cutting and Fracturing of Rock Plate with One Side Fixed and Three Sides Free. Advances in Materials Science and Engineering, 2020, 2020, 1-14.	1.0	3
22	Characteristic Analysis of Digital Emulsion Relief Valve Based on the Hydraulic Loading System. Shock and Vibration, 2020, 2020, 1-20.	0.3	0
23	Maintenance Strategy Based on Reliability Analysis and FMEA: A Case Study for Hydraulic Cylinders of Traditional Excavators with ERRS. Mathematical Problems in Engineering, 2020, 2020, 1-11.	0.6	2
24	Research on Cutting Characteristics of Rock Plate with Two Sides Fixed and Two Sides Free. Advances in Materials Science and Engineering, 2020, 2020, 1-15.	1.0	1
25	Numerical Investigation of the Rock Cutting Performance of a Circular Sawblade. Mathematical Problems in Engineering, 2020, 2020, 1-18.	0.6	3
26	Dynamic Characteristics of the Chain Drive System of Scraper Conveyor Based on the Speed Difference. IEEE Access, 2020, 8, 168650-168658.	2.6	12
27	Characteristic Analysis and Co-Validation of Hydro-Mechanical Continuously Variable Transmission Based on the Wheel Loader. Applied Sciences (Switzerland), 2020, 10, 5900.	1.3	12
28	Relative Position and Posture Detection of Hydraulic Support Based on Particle Swarm Optimization. IEEE Access, 2020, 8, 200789-200811.	2.6	14
29	Shearer Height Adjustment Based on Mechanical-Electrical-Hydraulic Cosimulation. IEEE Access, 2020, 8, 222064-222076.	2.6	2
30	Research and Comparative Analysis of Flow Field Characteristics and Load-Independent Power Losses of Internal and External Gear Pairs. Mathematical Problems in Engineering, 2020, 2020, 1-19.	0.6	4
31	Numerical Simulation of Conical Pick Cutting Arc Rock Plate Fracture Based on ANSYS/LS-DYNA. Advances in Materials Science and Engineering, 2020, 2020, 1-16.	1.0	48
32	Complex Effects of Drum Hub Forms and Structural Parameters on Coal Loading Performance. Complexity, 2020, 2020, 1-19.	0.9	5
33	Numerical Research on Cutting Force and Fracture Morphology of Rock Plate with Two Sides Fixed and Two Sides Free. Mathematical Problems in Engineering, 2020, 2020, 1-14.	0.6	2
34	Characteristic Analysis of Digital Large Flow Emulsion Relief Valve. Mathematical Problems in Engineering, 2020, 2020, 1-18.	0.6	6
35	Research of Contact Response of an Elastic Sphere Impacting a Rigid Plate Based on the Mass-Spring-Damped Oscillator Model and Dimensionless Parameter ω/Ω . , 2020, 25, 141-152.		2
36	Energy Dissipation Mechanism and Control Model of a Digital Hydraulic Damper. Shock and Vibration, 2019, 2019, 1-20.	0.3	3

#	ARTICLE	IF	CITATIONS
37	Experimental and Numerical Studies on Rock Cutting with Saw Blade and Conical Pick Combined Cutting Method. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-14.	0.6	9
38	Numerical Simulation of Rock Cutting with a Diamond Sawblade Based on LS-DYNA. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-15.	0.6	6
39	A Comprehensive Method of Apportioning Reliability Goals for New Product of Hydraulic Excavator. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-11.	0.6	4
40	New Method and Experiment for Detecting Relative Position and Posture of the Hydraulic Support. <i>IEEE Access</i> , 2019, 7, 181842-181854.	2.6	16
41	Dynamic response analysis of the vertical elastic impact of the spherical rock on the metal plate. <i>International Journal of Solids and Structures</i> , 2019, 158, 287-302.	1.3	24
42	Comprehensive Modification Technology of Involute Spur Gear Based on Optimal Transmission Performance. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-8.	1.0	3
43	Contact Response Analysis of Vertical Impact between Elastic Sphere and Elastic Half Space. <i>Shock and Vibration</i> , 2018, 2018, 1-15.	0.3	8
44	Analysis on Force Transmission Characteristics of Two-Legged Shield Support under Impact Loading. <i>Shock and Vibration</i> , 2018, 2018, 1-10.	0.3	6
45	Numerical Simulation of Rock Plate Cutting with Three Sides Fixed and One Side Free. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-21.	1.0	5
46	The Research on Comprehensive Performance Evaluation of Axial Piston Pump Based on AHP. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-13.	0.6	1
47	Study on the damage of coal and rock with diamond saw blade cutting based on LS-DYNA. <i>International Journal of Computational Materials Science and Engineering</i> , 2017, 06, 1750026.	0.5	5
48	Numerical Simulation of Fragment Separation during Rock Cutting Using a 3D Dynamic Finite Element Analysis Code. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-17.	1.0	10
49	Design and Analysis of Fused Deposition Modeling 3D Printer Nozzle for Color Mixing. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-12.	1.0	27
50	Influence of the Drum Position Parameters and the Ranging Arm Thickness on the Coal Loading Performance. <i>Minerals (Basel, Switzerland)</i> , 2015, 5, 723-736.	0.8	12
51	Study on Roadheader Cutting Load at Different Properties of Coal and Rock. <i>Scientific World Journal, The</i> , 2013, 2013, 1-8.	0.8	12
52	Dynamic Analysis of Chain Drive System for Scraper Conveyor Based on Amesim. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 452, 042127.	0.3	2