

# Shaofeng Wang

## List of Publications by Year in descending order

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41  
papers

1,742  
citations

394421

19  
h-index

289244

40  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation and theoretical analysis of indentations on cuboid hard rock using a conical pick under uniaxial lateral stress. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	2.9	22
2	Experimental Investigation of Cuttability Improvement for Hard Rock Fragmentation Using Conical Cutter. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	42
3	Differences of Mechanical Parameters and Rockburst Tendency Indices between Coal and Non-Coal Rocks and Modified Rockburst Tendency Classification Criteria for Non-Coal Rocks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2641.	2.5	5
4	Analysis of rockburst triggered by hard rock fragmentation using a conical pick under high uniaxial stress. <i>Tunnelling and Underground Space Technology</i> , 2020, 96, 103195.	6.2	58
5	Experimental study on acoustic emission (AE) characteristics and crack classification during rock fracture in several basic lab tests. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 133, 104411.	5.8	237
6	Core structure and thermal transformation of the $12\alpha\text{-}110\alpha\text{-}\{111\}$ screw dislocation in aluminum. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	4
7	Inducible nitric oxide synthase and systemic lupus erythematosus: a systematic review and meta-analysis. <i>BMC Immunology</i> , 2020, 21, 6.	2.2	10
8	Failure properties of cubic granite, marble, and sandstone specimens under true triaxial stress. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 130, 104309.	5.8	80
9	Modification of the Peierls–Nabarro model for misfit dislocation*. <i>Chinese Physics B</i> , 2020, 29, 056102.	1.4	3
10	Experimental investigation of rock cuttability based on rock indentation tests by a conical pick. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 570, 032059.	0.3	0
11	Experimental investigation of rock breakage by a conical pick and its application to non-explosive mechanized mining in deep hard rock. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2019, 122, 104063.	5.8	157
12	The GTF2I rs117026326 polymorphism is associated with neuromyelitis optica spectrum disorder but not with multiple sclerosis in a Northern Han Chinese population. <i>Journal of Neuroimmunology</i> , 2019, 337, 577045.	2.3	10
13	Specimen shape and cross-section effects on the mechanical properties of rocks under uniaxial compressive stress. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 6061-6074.	3.5	51
14	Functional variants of TNFAIP3 are associated with systemic lupus erythematosus in a cohort of Chinese Han population. <i>Human Immunology</i> , 2019, 80, 140-145.	2.4	4
15	CRISPR/cas9 mediated knockout of an intergenic variant rs6927172 identified IL-20RA as a new risk gene for multiple autoimmune diseases. <i>Genes and Immunity</i> , 2019, 20, 103-111.	4.1	20
16	Three-dimensional mineral grade distribution modelling and longwall mining of an underground bauxite seam. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 103, 123-136.	5.8	24
17	An Autoimmune Disease-Associated Risk Variant in the <i>TNFAIP3</i> Gene Plays a Protective Role in Brucellosis That Is Mediated by the NF- $\kappa$ B Signaling Pathway. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	1
18	Experimental Study of the Triaxial Strength Properties of Hollow Cylindrical Granite Specimens Under Coupled External and Internal Confining Stresses. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 2015-2031.	5.4	50

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19	Experimental Investigation of the Influence of Confining Stress on Hard Rock Fragmentation Using a Conical Pick. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 255-277.	5.4	53
20	Experimental investigation of hard rock fragmentation using a conical pick on true triaxial test apparatus. <i>Tunnelling and Underground Space Technology</i> , 2018, 79, 210-223.	6.2	40
21	Dynamic tensile properties of sandstone subjected to wetting and drying cycles. <i>Construction and Building Materials</i> , 2018, 182, 215-232.	7.2	161
22	A functional variant in the OAS1 gene is associated with Sjögren's syndrome complicated with HBV infection. <i>Scientific Reports</i> , 2017, 7, 17571.	3.3	20
23	Separation and fracturing in overlying strata disturbed by longwall mining in a mineral deposit seam. <i>Engineering Geology</i> , 2017, 226, 257-266.	6.3	89
24	Identification of a Sjögren's syndrome susceptibility locus at OAS1 that influences isoform switching, protein expression, and responsiveness to type I interferons. <i>PLoS Genetics</i> , 2017, 13, e1006820.	3.5	60
25	Screw dislocation equations in a thin film and surface effects. <i>International Journal of Plasticity</i> , 2016, 87, 181-203.	8.8	5
26	Shape change and Peierls barrier of dislocation. <i>Journal of Applied Physics</i> , 2015, 118, 244903.	2.5	9
27	Disease Mechanisms in Rheumatology—Tools and Pathways: Defining Functional Genetic Variants in Autoimmune Diseases. <i>Arthritis and Rheumatology</i> , 2015, 67, 1-10.	5.6	22
28	An Enhancer Element Harboring Variants Associated with Systemic Lupus Erythematosus Engages the TNFAIP3 Promoter to Influence A20 Expression. <i>PLoS Genetics</i> , 2013, 9, e1003750.	3.5	86
29	The core structure and pseudo-magnetic field of the dislocation in graphene. <i>Europhysics Letters</i> , 2013, 104, 26002.	2.0	7
30	Association of two independent functional risk haplotypes in <i>TNIP1</i> with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2012, 64, 3695-3705.	6.7	69
31	First-principles calculations on finite temperature elastic properties of B2-ALRE (RE=Al, Tb, Pr, Nd, Dy) intermetallics. <i>Intermetallics</i> , 2012, 26, 57-61.	3.9	5
32	First-principles calculations of phonon and thermodynamic properties of ALRE (RE = Y, Gd, Pr, Yb) intermetallic compounds. <i>Physica Scripta</i> , 2012, 85, 035705.	2.5	10
33	The temperature-dependent elastic properties of B2-MgRE intermetallic compounds from first principles. <i>Physica B: Condensed Matter</i> , 2012, 407, 96-102.	2.7	13
34	First-principles calculations on temperature-dependent elastic constants of rare-earth intermetallic compounds: YAg and YCu. <i>Physica B: Condensed Matter</i> , 2011, 406, 3951-3955.	2.7	13
35	The third-order elastic moduli and pressure derivatives for ALRE (RE=Y, Pr, Nd, Tb, Dy, Ce) intermetallics with B2-structure: A first-principles study. <i>Solid State Communications</i> , 2011, 151, 996-1000.	1.9	16
36	Theoretical calculation of the dislocation width and Peierls barrier and stress for semiconductor silicon. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 055801.	1.8	14

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37	The Peierls stress of the moving $\frac{1}{2}\langle 111 \rangle$ screw dislocation in Ta. Journal of Physics Condensed Matter, 2009, 21, 345401.	1.8	9
38	Dislocation equation from the lattice dynamics. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 015005.	2.1	28
39	Transgenic expression of JAK2V617F causes myeloproliferative disorders in mice. Blood, 2008, 111, 5109-5117.	1.4	194
40	Characterization of a Highly effective protein substrate for analysis of JAK2V617F Activity. Experimental Hematology, 2007, 35, 1624-1632.	0.4	8
41	Dislocation solution in slowly varying approximation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 313, 408-411.	2.1	32