

Nomination Application Form

PERSONAL DETAILS

	Full Name	Yajun Wang
	Gender	Male
	Designation	Associate professor
	Department	School of Civil and Resource Engineering
	Institution/Organization	University of Science and Technology Beijing
	Qualification	PhD
	Area of Specialization	Mineral engineering
	Sub Division	Mining rock mass mechanics
	DOB	September 19th, 1990
	DOJ	July 12, 2018
	Total Experience	Research and Teaching
	Mobile Number	86-13811578707
	Email	wangyajun@ustb.edu.cn

About your Education, Experience and Academic achievements (200 words)

Dr. Yajun Wang obtained his BSc and MSc degrees in Mining Engineering from Shandong University of Science and Technology, in 2012 and 2015, respectively, and his PhD in Geotechnical Engineering from the China University of Mining and Technology (Beijing), in 2018. He is actively involved in national and international research activities related to mining engineering. As the technical leader, he completed the first industrial test of N00 mining method, revealed the law of mining pressure and surrounding rock deformation mechanism of N00 mining method, and proposed the design method of roof strata control, which provided support for the promotion and application of the original technology. He was selected into the sixth "Young Talents Project" of China Association for Science and Technology, presided over 4 scientific research projects such as the National Natural Science Foundation of China, China postdoctoral Foundation project, and undertook 15 projects entrusted by enterprises as the technical leader. He has published more than 40 academic papers, obtained 18 Chinese invention patents, participated in the publication of 1 monograph, participated in the compilation of 1 standard, and won 3 provincial and ministerial science and technology awards as the main author.

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RESEARCH, INNOVATIONS AND EXTENSION

Question	Nos.	Question	Nos.			
No. of Research Project Completed and On Going	5	Citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index	355			
No. of Consultancy and Industries Sponsored Projects	15	No. of Books Published with ISBN (Text, Reference, Chapters and Conference Proceedings)	1			
Total cost of the all Projects in USD/INR	US\$1.2 million	No. of Patent Published and Under Process	48			
No. of Journals Published in SCI and SCIE index	22	No. of Editorial Appointments in Journals/ Conferences (Editor, Reviewer and Member)	11			
No. of Journals Published in Scopus, Web of Science and PubMed index	40	No of Countries Visited for research activities	2			
No. of Journals Published in Other index	3	No. of Research scholar Graduated	4			
No. of Conference Presentation	0	No. of Research scholar On Going	5			
Cumulative impact factor of the last 3 years	40.959	No. Invited Speaker/ Resource person	2			
H-index: Bibliometrics of the publications based on Scopus/ Web of Science.	12	No. of Research Conference/workshop Organized	5			
Total number of Collaborative activities for research: (Joint publication/Project)	43	Total number of awards and recognition received	5			
Number of functional MoUs with other universities/ industries/ corporate.	15	No. of Member of Professional Bodies:	20			
Areas of Research	Mining engineering					
About your contribution towards the Research & Development, Innovations, and Extension Activities (200 words)						
<p>(1) He compared and analyzed the characteristics of mine pressure under the condition of N00 mining method and traditional mining method, revealed the displacement and stress distribution law of surrounding rock of N00 mining method, and established the scientific partition of mine pressure in the stope.</p> <p>(2) According to the structural characteristics of roof strata in N00 mining method, he established the concepts of "pressure bearing structure" and "pressure relief structure" of roof strata, clarified the deformation and stress characteristics of each structure, revealed the main influencing factors and mechanism of roof deformation and stability, and proposed a "visual" roof stability state discrimination method.</p> <p>(3) He constructed the evolution model of surrounding rock stress state in the whole process of N00 mining method, clarified the evolution law of surrounding rock stress and deformation, revealed the influence mechanism of roof cutting pressure relief and roadway support on surrounding rock stress and deformation, and clarified the mechanical balance mechanism of surrounding rock structure under this mining condition.</p> <p>(4) He established the roof control calculation model for N00 mining method, obtained the roof stability characteristics and control mechanism in different stages, proposed the surrounding rock control design criteria and the roof control design calculation method for N00 mining method.</p>						

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PERSONAL/ RESEARCH PROOFS, CATEGORY OF AWARD AND DECLARATION

Google scholar link (Publication Proof)	https://xs2.dailyheadlines.cc/scholar?q=Case+study+on+pressure-relief+mining+technology+without+advance+tunneling+and+coal+pillars+in+longwall+mining	
Scopus link (Publication Proof)	https://77726476706e69737468656265737421e7e056d2343367406b1bc7af9758/record/display.uri?eid=2-s2.0-85076631970&origin=resultslist&sort=plf-f&src=s&st1=Case+study+on+pressure-relief+mining+technology+without+advance+tunneling+and+coal+pillars+in+longwall+mining&sid=569f78a42d4fe4252419ec7dab079e9f&sot=b&sdt=b&sl=124&s=TITLE-ABS-KEY%28Case+study+on+pressure-relief+mining+technology+without+advance+tunneling+and+coal+pillars+in+longwall+mining%29&relpos=0&citeCnt=32&searchTerm=&featureToggles=FEATURE_NEW_DOC_DETAILS_EXPORT:1	
Linkedin link (Publication Proof)		
Researchgate link (Publication Proof)	https://www.researchgate.net/publication/339127877_Case_study_on_pressure-relief_mining_technology_without_advance_tunneling_and_coal_pillars_in_longwall_mining?_iepl%5BgeneralViewId%5D=27eu5uEjs24p0g9gnpwhgAWR2RHjNgfMk2Z1&_iepl%5Bcontexts%5D%5B0%5D=searchReact&_iepl%5BviewId%5D=JfdhNvFHFY99n4zKf0OI8EEr0j83lISXuhoY&_iepl%5BsearchType%5D=publication&_iepl%5Bdata%5D%5BcountLessEqual20%5D=1&_iepl%5Bdata%5D%5BinteractedWithPosition1%5D=1&_iepl%5Bdata%5D%5BwithoutEnrichment%5D=1&_iepl%5Bposition%5D=1&_iepl%5BrgKey%5D=PB%3A339127877&_iepl%5BtargetEntityId%5D=PB%3A339127877&_iepl%5BinteractionType%5D=publicationTitle	
Institute ID Link/Upload/Number (Working Proof)	B2213028	
Certificate Links/Upload/Number (Education Proof of Last degree)	1141322018100170	
Passport/ Govt. ID Links/Upload/Number (Age Proof)	370881199009194830	
Personal website link		
Tick the Suitable award category	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Distinguished Scientist Award <input type="checkbox"/> Young Scientist Award <input type="checkbox"/> Life time achievement Award <input type="checkbox"/> Outstanding scientist award <input type="checkbox"/> Women Research Award <input type="checkbox"/> Best Researcher Award <input type="checkbox"/> Best Innovation Award </div> <div style="width: 48%;"> <input type="checkbox"/> Best Faculty Award <input type="checkbox"/> Best Research Scholar Award <input type="checkbox"/> Excellence in Innovation <input checked="" type="checkbox"/> Excellence in Research <input type="checkbox"/> Excellence Award (Any Scientific field) <input type="checkbox"/> Best Research /Innovation Extension activity. </div> </div>	

Self Declaration

I authenticate that to the best of my knowledge, the information given in this form is correct and complete. At any time I am found to have concealed any material information, my application shall be liable to be summarily terminated without notice. I have read the terms and conditions and other policies of the International Research Awards and agree to stand the same. I agree to Pencis to process the data submitted in this application form, or any other data that the Foundation may obtain from me for any purposes connected with Pencis for any other legitimate reason. The filled applications along with duly completed curriculum vitae, Pass port size photograph, Scan copy of the degree Certificate, Scan copy of the Working ID and related documents should be Upload in website/ sent via email to : contact@pencis.com

Date : July 21, 2022

Place : 

Scanned Signature of Applicant

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Decision	Reason	Signature of authorities	Date
Selected/Rejected			