

PUBLICATIONS

Int. Journal (SCIE) : 35

Citation Profile

Name of Citation System	Total Citations	h index	i ¹⁰ Index	No. airticles cited	Reads	Articles by the Author (till date in the database)
Google Scholar	861	15	32			164
Research Gate	612	13	12		28,800	135 (Score 30.13)
SCOPUS	583	13	20	455		103
WoS (Articles) SCIE	364	11	13	308		47

No. of Reviews : 89 as per Publons database

List of Publications (SCIE Indexed Journal) - 35

Sl. No.	Publications	Indexed in / Impact Factor
1	Multi response optimization of process parameters based on Taguchi-Fuzzy model for coal cutting by water jet technology By: Sharma, V (Sharma, Vinay) ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ; Hloch, S (Hloch, Sergej), INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, Volume: 56, Issue: 9-12, Pages: 1019-1025, DOI: 10.1007/s00170-011-3258-x, Published: OCT 2011, Document Type: Article	SCIE – Q2 IF- 2.601
2	Joining of carbon fibre reinforced polymer (CFRP) composites and aluminium alloys - A review By: Pramanik, A (Pramanik, A.) ; Basak, AK (Basak, A. K.) ; Dong, Y (Dong, Y.) ; Sarker, PK (Sarker, P. K.) ; Uddin, MS (Uddin, M. S.) ; Littlefair, G (Littlefair, G.) ; Dixit, AR (Dixit, A. R.) ; Chattopadhyaya, S (Chattopadhyaya, S.) COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING Volume: 101,Pages: 1-29,DOI: 10.1016/j.compositesa.2017.06.007,Published: OCT 2017,Document Type: Review	SCIE-Q1 IF-4.514
3	WEAR CHARACTERISTICS AND DEFECTS ANALYSIS OF FRICTION STIR WELDED JOINT OF ALUMINIUM ALLOY 6061-T6 By: Kumar, R (Kumar, Ratnesh) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Hloch, S (Hloch, Sergej) ^[2,3] ; Krolczyk, G (Krolczyk, Grzegorz) ^[4] ; Legutko, S (Legutko, Stanislaw) ^[5] EKSPLLOATACJA I NIEZAWODNOSC-MAINTENANCE AND RELIABILITY Volume: 18,Issue: 1,Pages: 128-135,DOI: 10.17531/ein.2016.1.17,Published: 2016,Document Type:Article	SCIE-Q2 IF- 1.383
4	Wear Assessment of Conical Pick used in Coal Cutting Operation By: Dewangan, S (Dewangan, Saurabh) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Hloch, S (Hloch, Sergej) ^[2,3] ROCK MECHANICS AND ROCK ENGINEERING Volume: 48, Issue: 5,Pages: 2129-2139 DOI: 10.1007/s00603-014-0680-z,Published: SEP 2015,Document Type:Article	SCIE – Q1 IF-2.819
5	Determination of layer thickness in direct metal deposition using dimensional analysis	SCIE – Q2

	By:Kumar, S (Kumar, Subodh)^[1]; Sharma, V (Sharma, Vinay)^[1]; Choudhary, AKS (Choudhary, Ajit Kumar Singh)^[1]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[2]; Hloch, S (Hloch, Sergej)^[3] INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 67, Issue: 9-12, Pages: 2681-2687, DOI: 10.1007/s00170-012-4683-1, Published: AUG 2013, Document Type: Article	IF-2.601
6	Surface integrity analysis of abrasive water jet-cut surfaces of friction stir welded joints By:Kumar, R (Kumar, Ratnesh)^[1]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[1]; Dixit, AR (Dixit, Amit Rai)^[1]; Bora, B (Bora, Bhabani)^[1]; Zelenak, M (Zelenak, Michal)^[2]; Foldyna, J (Foldyna, Josef)^[2]; Hloch, S (Hloch, Sergej)^[3,4]; Hlavacek, P (Hlavacek, Petr)^[2]; Scucka, J (Scucka, Jiri)^[5]; Klich, J (Klich, Jiri)^[2] INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, Vol. : 88, Issue: 5-8, Pages: 1687-1701, DOI: 10.1007/s00170-016-8776-0, Published: FEB 2017, Document Type: Article	SCIE – Q2 IF-2.601
7	Characterization of Wear Mechanisms in Distorted Conical Picks After Coal Cutting By:Dewangan, S (Dewangan, Saurabh)^[1]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[1] ROCK MECHANICS AND ROCK ENGINEERING Volume: 49, Issue: 1, Pages: 225-242, DOI: 10.1007/s00603-015-0726-x, Published: JAN 2016, Document Type: Article	Indexed SCIE – Q1 IF-2.819
8	Performance Analysis of Two Different Conical Picks Used in Linear Cutting Operation of Coal By:Dewangan, S (Dewangan, Saurabh)^[1]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[1] ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING Volume: 41, Issue: 1, Pages: 249-265, DOI: 10.1007/s13369-015-1786-7, Published: JAN 2016, Document Type: Article	SCIE – Q3 IF-1.092
9	Critical Analysis of Wear Mechanisms in Cemented Carbide By:Dewangan, S (Dewangan, Saurabh)^[1]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[1] JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE Volume: 24, Issue: 7, Pages: 2628-2636, DOI: 10.1007/s11665-015-1546-6, Published: JUL 2015, Document Type: Article	SCIE – Q3 IF-1.094
10	Analysis of acoustic emission emerging during hydroabrasive cutting and options for indirect quality control By:Hloch, S (Hloch, Sergej)^[1]; Valicek, J (Valicek, Jan)^[2]; Kozak, D (Kozak, Drazan)^[3]; Tozan, H (Tozan, Hakan)^[4]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[5]; Adamcik, P (Adamcik, Pavel)^[6] INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 66, Issue: 1-4, Pages: 45-58, DOI: 10.1007/s00170-012-4304-z, Published: APR 2013, Document Type: Article	SCIE – Q2 IF-1.372
11	Effect of Size, Content and Shape of Reinforcements on the Behavior of Metal Matrix Composites (MMCs) Under Tension By:Paknia, A (Paknia, A.)^[1]; Pramanik, A (Pramanik, A.)^[1]; Dixit, AR (Dixit, A. R.)^[2]; Chattopadhyaya, S (Chattopadhyaya, S.)^[2] JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	SCIE-Q3 IF-1.340

	Volume: 25, Issue: 10, Pages: 4444-4459 DOI: 10.1007/s11665-016-2307-x, Published: OCT 2016, Document Type: Article	
12	HEAT INPUT EFFECT OF FRICTION STIR WELDING ON ALUMINUM ALLOY AA 6061-T6 WELDED JOINT By: Sedmak, AS (Sedmak, Aleksandar S.) ^[1] ; Kumar, R (Kumar, Ratnesh) ^[2] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1,2] ; Hloch, S (Hloch, Sergej) ^[3,4] ; Tadic, SS (Tadic, Srdjan S.) ^[5] ; Djurdjevic, AA (Djurdjevic, Andrijana A.) ^[5] ; Cekovic, I (Cekovic, Ivana) ^[5] ; Donceva, E (Donceva, Elisaveta) ^[6] THERMAL SCIENCE, Volume: 20, Issue: 2, Pages: 637-641, DOI: 10.2298/TSCI150814147D, Published: 2016, Document Type: Article	SCIE-Q3 IF-1.431
13	Improvement of surface integrity of Nimonic C 263 super alloy produced by WEDM through various post-processing techniques By: Mandal, A (Mandal, Amitava) ^[1] ; Dixit, AR (Dixit, Amit Rai) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, S.) ^[1] ; Paramanik, A (Paramanik, A.) ^[2] ; Hloch, S (Hloch, Sergej) ^[3,4] ; Krolczyk, G (Krolczyk, Grzegorz) ^[5] INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 93, Issue: 1-4, Pages: 433-443, DOI: 10.1007/s00170-017-9993-x Published: OCT 2017, Document Type: Article	SCIE-Q2 IF-2.601
14	Critical Investigation of Wear Behaviour of WC Drill Bit Buttons By: Gupta, A (Gupta, Anurag) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Hloch, S (Hloch, Sergej) ^[2] ROCK MECHANICS AND ROCK ENGINEERING Volume: 46, Issue: 1, Pages: 169-177, DOI: 10.1007/s00603-012-0255-9 Published: JAN 2013, Document Type: Article	SCIE-Q1 IF-2.819
15	Ultrasonically generated pulsed water jet peening of austenitic stainless-steel surfaces By: Srivastava, M (Srivastava, Madhulika) ^[1] ; Hloch, S (Hloch, Sergej) ^[2,3] ; Tripathi, R (Tripathi, Rupam) ^[1] ; Kozak, D (Kozak, Drazen) ^[4] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Dixit, AR (Dixit, Amit Rai) ^[1] ; Foldyna, J (Foldyna, Josef) ^[3] ; Hvizdos, P (Hvizdos, Pavol) ^[5] ; Fides, M (Fides, Martin) ^[5] ; Adamcik, P (Adamcik, Pavel) ^[6] JOURNAL OF MANUFACTURING PROCESSES Volume: 32, Pages: 455-468, DOI: 10.1016/j.jmapro.2018.03.016, Published: APR 2018, Document Type: Article	SCIE Q1 IF-2.809
16	Surface alloying of miniature components by micro-electrical discharge process By: Prakash, V (Prakash, Ved) ^[1] ; Shubham, S (Shubham) ^[1] ; Kumar, P (Kumar, P.) ^[1] ; Singh, PK (Singh, P. K.) ^[1] ; Das, AK (Das, A. K.) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, S.) ^[1] ; Mandal, A (Mandal, A.) ^[1] ; Dixit, AR (Dixit, A. R.) ^[1] MATERIALS AND MANUFACTURING PROCESSES Volume: 33, Issue: 10, Pages: 1051-1061, DOI: 10.1080/10426914.2017.1364755 Published: 2018, Document Type: Article	Indexed in SCIE Q2 IF-2.66
17	Contribution of machining to the fatigue behaviour of metal matrix composites (MMCs) of varying reinforcement size By: Paramanik, A (Paramanik, A.) ^[1] ; Islam, MN (Islam, M. N.) ^[1] ; Davies, IJ (Davies, I. J.) ^[1] ; Boswell, B (Boswell, B.) ^[1] ; Dong, Y (Dong, Y.) ^[1] ; Basak, AK (Basak, A. K.) ^[2] ; Uddin, MS (Uddin, M. S.) ^[3] ; Dixit, AR (Dixit, A. R.) ^[4] ; Chattopadhyaya, S (Chattopadhyaya, S.) ^[4] INTERNATIONAL JOURNAL OF FATIGUE	Indexed in SCIE Q1 IF-3.132

	Volume: 102, Pages: 9-17, DOI: 10.1016/j.ijfatigue.2017.04.018, Published: SEP 2017, Document Type: Article	
18	Experimental investigation of pug cutter embedded TIG welding of Ti-6Al-4V titanium alloy By: Gope, DK (Gope, Deepak Kumar) ^[1] ; Kumar, U (Kumar, Uday) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Mandal, S (Mandal, Sanjoy) ^[2] JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY Volume: 32, Issue: 6, Pages: 2715-2721, DOI: 10.1007/s12206-018-0528-7 Published: JUN 2018, Document Type: Article	SCIE Q-3 IF-1.194
19	Experimental and mathematical evaluation of thermal and tensile properties of friction stir welded joint By: Kumar, R (Kumar, Ratnesh) ^[1,2] ; Bora, B (Bora, Bhabani) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Krolczyk, G (Krolczyk, Grzegorz) ^[3] ; Hloch, S (Hloch, Sergej) ^[4,5] INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY Volume: 57, Issue: 1-3, Pages: 204-229, DOI: 10.1504/IJMPT.2018.10012951, Published: 2018, Document Type: Article	SCIE-Q4 IF -0.802
20	Effect of laser power and welding speed on microstructure and mechanical properties of fibre laser-welded Inconel 617 thin sheet By: Kumar, P (Kumar, Prabhat) ^[1] ; Saw, K (Saw, Kanhaiya) ^[1] ; Kumar, U (Kumar, Uday) ^[1] ; Kumar, R (Kumar, Ratnesh) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Hloch, S (Hloch, Sergej) ^[2,3] JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING Volume: 39, Issue: 11, Pages: 4579-4588, DOI: 10.1007/s40430-017-0734-8, Published: NOV 2017, Document Type: Article	Indexed in SCIE-Q3 IF-1.627
21	Fatigue life of machined components By: Pramanik, A (Pramanik, A.) ^[1] ; Dixit, AR (Dixit, A. R.) ^[2] ; Chattopadhyaya, S (Chattopadhyaya, S.) ^[2] ; Uddin, MS (Uddin, M. S.) ^[3] ; Dong, Y (Dong, Yu) ^[1] ; Basak, AK (Basak, A. K.) ^[4] ; Littlefair, G (Littlefair, G.) ^[5] ADVANCES IN MANUFACTURING Volume: 5, Issue: 1, Pages: 59-76, Special Issue: SI, DOI: 10.1007/s40436-016-0168-z, Published: MAR 2017, Document Type: Article	Indexed in SCIE-Q3 IF-1.706
22	Residual stress and surface properties of stainless steel welded joints induced by ultrasonic pulsed water jet peening By: Srivastava, M (Srivastava, Madhulika) ^[1] ; Hloch, S (Hloch, Sergej) ^[2,3] ; Krejci, L (Krejci, Lucie) ^[4] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Dixit, AR (Dixit, Amit Rai) ^[1] ; Foldyna, J (Foldyna, Josef) ^[3] MEASUREMENT Volume: 127, Pages: 453-462, DOI: 10.1016/j.measurement.2018.06.012, Published: OCT 2018, Document Type: Article	SCIE-Q2 IF-2.218
23	Wear behavior of chromium nitride coating in dry condition at lower sliding velocity and load By: Singh, SK (Singh, Shailesh Kumar) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Pramanik, A (Pramanik, Alokesh) ^[2] ; Kumar, S (Kumar, Sanjeev) ^[3] INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	Indexed in SCIE Q2 IF-2.601

	Volume: 96, Issue: 5-8, Pages: 1665-1675, DOI: 10.1007/s00170-017-0796-x, Published: MAY 2018, Document Type: Article	
24	Reliability analysis and failure rate evaluation for critical subsystems of the dragline By: Pandey, P (Pandey, Pushpendra) ^[1] ; Mukhopadhyay, AK (Mukhopadhyay, A. K.) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[2] JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING Volume: 40, Issue: 2, Article Number: UNSP 50, DOI: 10.1007/s40430-018-1016-9, Published: FEB 2018, Document Type: Article	Indexed in SCIE Q3 IF-1.627
25	Processing of duplex stainless steel by WEDM By: Pramanik, A (Pramanik, A.); Basak, AK (Basak, A. K.); Dixit, AR (Dixit, A. R.); Chattopadhyaya, S (Chattopadhyaya, S.) MATERIALS AND MANUFACTURING PROCESSES Volume: 33, Issue: 14, Pages: 1559-1567, DOI: 10.1080/10426914.2018.1453165, Published: 2018, Document Type: Article	Indexed in SCIE Q2 IF-2.66
26	Microhole drilling through electrochemical processes: A review By: Rahman, Z (Rahman, Zishanur); Das, AK (Das, Alok Kumar) ^[1] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) MATERIALS AND MANUFACTURING PROCESSES Volume: 33, Issue: 13, Pages: 1379-1405 DOI: 10.1080/10426914.2017.1401721, Published: 2018, Document Type: Article	SCIE Q2 IF-2.66
27	Investigation of microstructure and mechanical properties of titanium alloy sheet using low power Nd-YAG laser welding process By: Kumar, U (Kumar, U.); Gope, DK (Gope, D. K.); Kumar, R (Kumar, R.); Chattopadhyaya, S (Chattopadhyaya, S.); Das, AK (Das, A. K.); Pramanik, A (Pramanik, A.); Krolczyk, G (Krolczyk, G.), KOVOVE MATERIALY-METALLIC MATERIALS, Vol. 56, Issue: 2, Pages: 121-129, DOI: 10.4149/km_2018_2_121, Published: 2018	SCIE Q4 IF-0.636
28	Shailesh Kumar Singh, Somnath Chattopadhyaya, Alokesh Pramanik, Sanjeev Kumar, A.K. Basak, "Effect of lubrication on the wear behavior of CrN Coating deposited by PVD process", accepted for publication in Int. J. of Surface Science and Engineering Inderscience Publishers Ltd. In Nov, 2018, Impact Factor – 0.841.	SCIE IF-0.841
29	Mohammed Shariq, Madhulika Srivastava, Rupam Tripathi, Somnath Chattopadhyaya, Pedro Vilaca, Nenad Gubeljak, Grzegorz Krolczyk, "Optimization and characterization of friction surfaced coatings of ferrous alloys" J. of Materials Testing in July, 2018, 60 (2018) 7-8 © Carl Hanser Verlag, München, https://www.hanser-elibrary.com/doi/10.3139/120.111180	SCIE-Q4 IF-0.521
30	Micro-electrical discharge machining of difficult-to-machine materials: A review, Ved Prakash, P , Kumar, PK Singh , M Hussain , AK Das , S Chattopadhyaya , First Published July 23, 2017 Research, J. of Engineering Manufacture, SAGE Publications, July 2017, SCIE J. IF-1.366, https://doi.org/10.1177/0954405417718591	Indexed in SCIE IF-1.445
31	Investigation of sandstone erosion by continuous and pulsed water jets By: Raj, P (Raj, Piush); Hloch, S (Hloch, Sergej); Tripathi, R (Tripathi, Rupam); Srivastava, M (Srivastava, Madhulika); Nag, A (Nag, Akash); Klichova, D (Klichova, Dagmar); Klich, J (Klich, Jiri); Hromasova, M (Hromasova, Monika); Muller, M (Muller, Miroslav); Miloslav,	SCIE-Q2 IF-2.801

	L (Miloslav, Linda),), Chattopadhyaya, S (Chattopadhyaya, Somnath); Adamcik, P (Adamcik, Pavel), J.OF MANUFACTURING PROCESSES, Vol. 42, Pages: 121-130, DOI: 10.1016/j.jmapro.2019.04.035, JUN 2019	
32	Surface integrity and residual stress analysis of pulsed water jet peened stainless steel surfaces”, Srivastava, M ; Hloch, S ; Gubeljak, N ; Milkovic, M ; Chattopadhyaya, S ; Klich, J , MEASUREMENT, Vol. : 143, Pages: 81-92, DOI: 10.1016/j.measurement.2019.04.082, Published: SEP 2019	SCIE-Q2 IF-2.218
33	Investigations into Reliability, Maintainability and Availability of Tunnel Boring Machine operating in mixed ground condition using Markov chains, Anil Kumar Agrawal, V.M.S.R Murthy, Somnath Chattopadhyaya published online n the journal of Engineering Failure Analysis, Available online 2 July 2019, https://doi.org/10.1016/j.engfailanal.2019.07.013	SCIE-Q1 IF- 2.203
34	Joint strength evaluation of friction stir welded Al-Cu dissimilar alloys, Shankar, S (Shankar, Sachindra); Vilaca, P (Vilaca, Pedro); Dash, P (Dash, Priyabrat); Chattopadhyaya, S (Chattopadhyaya, Somnath); Hloch, S (Hloch, Sergej), MEASUREMENT, Vol.146, Pages: 892-902, DOI: 10.1016/j.measurement.2019.07.019, NOV 2019	SCIE-Q2 IF-2.218
35	Influence of frequency change during sandstone erosion by pulsed waterjet, By: Tripathi, R (Tripathi, Rupam); Hloch, S (Hloch, Sergej); Chattopadhyaya, S (Chattopadhyaya, Somnath); Klichova, D (Klichova, Dagmar); IKlich, J (IKlich, Jir), MATERIALS AND MANUFACTURING PROCESSES, Sep 2019, DOI: 10.1080/10426914.2019.1669800	SCIE Q2 IF-3.350
36	Advances in Manufacturing Engineering and Materials Proceedings of the International Conference on Manufacturing Engineering and Materials (ICMEM 2018), 18–22 June, 2018, Nový Smokovec, Slovakia Editors: Hloch, S., Klichová, D., Krolczyk, G.M., Chattopadhyaya, S., Ruppenthalová, L. (Eds.), Reports on cutting-edge research on (un)conventional manufacturing Publisher: Springer	Indexed in WoS and SCOPUS
37	Book Chapter published entitled “ Designing and analysis of the femoral neck for an artificial hip joint prosthesis ”, Luke Hocking ¹ , A. Pramanik ^{2*} , A. K. Basak ² , S. Chattopadhyaya, Available online 21 June 2019, DOI: https://doi.org/10.1016/B978-0-08-102174-3.00002-4 .	Listed in SCOPUS

List of Publications (WoS Journal and WoS Proceedings)

Sl. No.	Publications	Category
1	Potential of using water jet peening as a surface treatment process for welded joints By: Srivastava, M (Srivastava, Madhulika); Tripathi, R (Tripathi, Rupam); Hloch, S (Hloch, Sergej) ; Chattopadhyaya, S (Chattopadhyaya, Somnath); Dixit, AR (Dixit, Amit Rai) INTERNATIONAL CONFERENCE ON MANUFACTURING ENGINEERING AND MATERIALS, ICMEM 2016 Volume: 149, Pages: 472-480, DOI: 10.1016/j.proeng.2016.06.694, Published: 2016, Document Type: Proceedings Paper,	WoS Proceeding
2	Discussion on Wear Phenomena in Cemented Carbide	WoS Proceeding

	By:Nahak, S (Nahak, Sakuntala); Dewangan, S (Dewangan, Saurabh); Chattopadhyaya, S (Chattopadhyaya, Somnath), GLOBAL CHALLENGES, POLICY FRAMEWORK & SUSTAINABLE DEVELOPMENT FOR MINING OF MINERAL AND FOSSIL ENERGY RESOURCES (GCPF2015) Vol.11, Pages: 284-293,DOI: 10.1016/j.proeps.2015.06.063 Published: 2015, Document Type:Proceedings Paper, Conference: Global Challenges, Policy Framework & Sustainable Development for Mining of Mineral and Fossil Energy Resources (GCPF),Location: Mangalore, INDIA, Date: APR 17-18, 2015	
3	Prediction of Submerged Arc Welding Yield Parameters through Graphical Technique By:Ghosh, A (Ghosh, Aniruddha); Chattopadhyaya, S (Chattopadhyaya, Somnath); Das, RK (Das, R. K.); Sarkar, PK (Sarkar, P. K.) 11TH INTERNATIONAL CONFERENCE ON THE MECHANICAL BEHAVIOR OF MATERIALS (ICM11), Volume: 10,DOI: 10.1016/j.proeng.2011.04.465 Published: 2011,Document Type:Proceedings Paper, Conference: 11th International Conference on the Mechanical Behavior of Materials (ICM),Location: Como, ITALY,Date: 2011	WoS Proceeding
4	MICROSTRUCTURAL STUDY OF FAILURE PHENOMENA IN WC 94%-CO 6% HARD METAL ALLOY TIPS OF RADIAL PICKS By:Nahak, S (Nahak, Sakuntala); Chattopadhyaya, S (Chattopadhyaya, Somnath); Dewangan, S (Dewangan, Saurabh); Hloch, S (Hloch, Sergej); Krolczyk, G (Krolczyk, Grzegorz); Legutko, S (Legutko, Stanislaw) ADVANCES IN SCIENCE AND TECHNOLOGY-RESEARCH JOURNAL Vol.11,Issue: 1,Pages: 36-47, DOI: 10.12913/22998624/68457, Published: MAR 2017,Document Type:Article	WoS Journal
5	Monitoring of acoustic emission during the disintegration of rock By:Tripathi, R (Tripathi, Rupam)^[1]; Srivastava, M (Srivastava, Madhulika)^[1]; Hloch, S (Hloch, Sergej)^[2]; Adamcik, P (Adamcik, Pavel); Chattopadhyaya, S(Chattopadhyaya, Somnath)^[1]; Das, AK (Das, Alok Kumar)^[1] INTERNATIONAL CONFERENCE ON MANUFACTURING ENGINEERING AND MATERIALS, ICMEM 2016, Volume: 149,Pages: 481-488,DOI: 10.1016/j.proeng.2016.06.695,Published: 2016,Document Type:Proceedings Paper,Conference: International Conference on Manufacturing Engineering and Materials (ICMEM),Location: Novy Smokovec, SLOVAKIA,Date: JUN 06-10, 2016	WoS Proceeding
6	Assessment of Heat Affected Zone of Submerged Arc Welding Process through Digital Image Processing By:Ghosh, A (Ghosh, Aniruddha)^[1]; Chattopadhyaya, S (Chattopadhyaya, Somnath)^[2]; Das, RK (Das, R. K.)^[2]; Sarkar, PK (Sarkar, P. K.)^[2] 11TH INTERNATIONAL CONFERENCE ON THE MECHANICAL BEHAVIOR OF MATERIALS (ICM11), Volume: 10,DOI: 10.1016/j.proeng.2011.04.462	WoS Proceeding

	Published: 2011,Document Type: Proceedings Paper, Conference: 11th International Conference on the Mechanical Behavior of Materials (ICM),Location: Como, ITALY,Date: 2011	
7	Effect of Heat input on Submerged Arc Welded Plates By: Ghosh, A (Ghosh, Aniruddha) ^[2] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[1] ; Das, RK (Das, R. K.) ^[1] 11TH INTERNATIONAL CONFERENCE ON THE MECHANICAL BEHAVIOR OF MATERIALS (ICM11) Volume: 10,DOI: 10.1016/j.proeng.2011.04.464, Published: 2011,Document Type:Proceedings Paper,Conference: 11th International Conference on the Mechanical Behavior of Materials (ICM),Location: Como, ITALY,Date: 2011	WoS Proceeding
8	3rd Degree Mathematical Model Appropriate for Parametric Estimation of SAW process By: Ghosh, A (Ghosh, Aniruddha) ^[1] ; Singh, NK (Singh, N. K.) ^[2] ; Chattopadhyaya, S (Chattopadhyaya, Somnath) ^[3] MATERIALS AND DESIGN, PTS 1-3 Edited by: Sang, XM ; Wang, PC ; Ai, L ; Li, YG ; Bu, JL Book Series: Advanced Materials Research Volume: 284-286,Pages: 2473-+,Part: 1-3 DOI: 10.4028/www.scientific.net/AMR.284-286.2473 Published: 2011,Document Type:Proceedings Paper,Conference: International Conference on Advanced Engineering Materials and Technology (AEMT2011),Location: Sanya, PEOPLES R CHINA,Date: JUL 29-31, 2011	WoS Proceeding
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