

3.4.5 – Research Publicatio

S.No	Title of paper	Name of the author/s	Department of the teacher
1	Experimental investigation and optimization of abrasive waterjet machining parameters for GFRP composites using metaphor-less algorithms	Dharmagna R. Tripathi, Krupang H. Vachhani, Dinbandhu, Soni Kumari, V. Rakesh Kumar, Kumar Abhishek	Mechanical Engineering
2	Recent trends in non-traditional machining of shape memory alloys (SMAs): A review	Kishanzadafiya, Dinbandhu, Soni Kumari, Suman Chatterjee, Kumar Abhishek	Mechanical Engineering
5	Insight to the evolution of Nano Precipitates by Cryo Rolling plus Warm Rolling and their effect on Mechanical Properties in Al 6061 alloy	Maruff Hussain, P. Nagenshwar Rao, Dharmendra Singh, R. Jayaganthan, Sunkulp Goel, Kuldeep Kumar Saxena	Mechanical Engineering
6	Analysis of Mechanical properties of Al-based Metal matrix composite Reinforced with ES and RHA	Rajat Yadav, Vijay Kumar Dwivedi, Anas Islam, Shashi Prakash Dwivedi	Mechanical Engineering

7	Effect of friction stir process parameters on mechanical properties of Al/Eggshell/SiC composite material	Anas Islam,Vijay Kumar Dwivedi,S P Dwivedi	Mechanical Engineering
8	MODELING and MULTI-OBJECTIVE OPTIMIZATION for APSed THERMAL BARRIER COATINGS on IN718	Vijay Kumar Dwivedi,Priyanka Sharma,Dipak Kumar	Mechanical Engineering
9	Synthesis and Mechanical Behavior of Ball-Milled Agro-Waste RHA and Eggshell Reinforced Composite Material	Rajat Yadav,Shashi Prakash Dwivedi,Vijay Kumar Dwivedi	Mechanical Engineering
10	Influence of ultrasonic vibration assistance in manufacturing processes: Review	Pankaj Sonia,Dr Jinesh Kumar Jain,Kuldeep Kumar Saxena	Mechanical Engineering
12	ZnO Coating on Silicon Rubber Urinary Catheter to Reduce the Biofilm Infections	Priyanka Kumari,Ajaya Bharti, Vishnu Agarwal,Naveen Kumar,Kuldeep Kumar Saxena	Mechanical Engineering

13	Effect of Microstructure, Mechanical and Wear on Al-CNTs/Graphene Hybrid MMCs	Manjunath Naik H R, Manjunath L H,Vinayak Malik, Manjunath Patel G C,Kuldeep Kumar Saxena,Avinash Lakshmikanthan	Mechanical Engineering
14	Designing & Simulation of a Lightweight Hip Implant Stem: An FEM Based Approach	Nitin Sahai,Kuldeep Kumar Saxena,Nakul Gupta,Sahil Garg,Uddipta Bora,Utpa Jyoti Baishya,Volga Borah	Mechanical Engineering
15	Effect of Post Weld Heat Treatment on Mechanical Properties of MIG Welded Mild Steel	R.K. Porwal,Ravindra Kr Misra,Kuldeep Kumar Saxena, S.S.Godhara	Mechanical Engineering
16	Machining and optimization of Zircaloy-2 using different tool electrodes	Jitendra Kumar,Tarun Soota, S.K. Rajput,Kuldeep Kumar Saxena	Mechanical Engineering

17	Effect of Filler Wire preheating and Nozzle cooling with Advanced Submerged Arc welding Process on Bead Geometry and Microstructure	Tejendra Singh Singhal, Jinesh Kumar Jain, Manoj Kumar, Kuldeep Kumar Saxena	Mechanical Engineering
18	Synthesis and characterization of conducting Polyaniline@cobalt-Paraffin wax nanocomposite as nano-phase change material: Enhanced thermophysical properties	B Kalidasan, A.K. Pandey, Syed Shahabuddin, Mathew George, Kamal Sharma, M. Samykano, V.V. Tyagi	Mechanical Engineering
19	A Novel Ultrahigh Conductive Al-Cu Composite Produced via Microwave Sintering and Post-Treated by Friction Stir Process	Padmakumar Bajakke, Vinayak Malik, Avinash L, Kuldeep Kumar Saxena, Anand Deshpande	Mechanical Engineering
20	Mechanical Characterization and Study of Nickel Based super alloy 718 at Subzero Temperatures	Jayahari Lade, Kalluri Nagachary, Kuldeep Kumar Saxena, Kaliappan Seeniappan, Ravindra Singh Rana	Mechanical Engineering
21	EXERGETIC AND ENERGETIC EVALUATION OF AN INNOVATIVE SOLAR AIR HEATING SYSTEM COATED WITH GRAPHENE AND COPPER OXIDE NANOPARTICLES	189121003, Sujit Kumar Verma	Mechanical Engineering

22	Numerical Simulation of Cracks in Automotive Coatings Under Mechanical and Thermal Loading Using Element Free Galerkin Method	Mahendra Chilakala,Rahul Samyal,Sahil Garg,Kuldeep Kumar Saxena,Nakul Gupta	Mechanical Engineering
23	Energy, exergy, exergoeconomic and enviroeconomic (4-E) assessment of solar water heater with/without phase change material for building and other applications: A comprehensive review	A.K. Pandey,Imtiaz Ali Laghari,R. Reji Kumar,Kapil Chopra,M. Samykano, Abdullah M. Abusorrah,Kamal Sharma,V.V. Tyagi	Mechanical Engineering
24	Experimental Investigation of Tool Wear in Machining of SiC Based Al-MMC	Arvind M Sankhla,Kaushik Patel,Kuldeep Kumar Saxena, Mayur Makhesana,Nakul Gupta	Mechanical Engineering
25	Improvement in Mechanical Properties of Structural AZ91 Magnesium Alloy Processed by Friction Stir Processing	Hariom Tripathi,Ajaya Bharti, Kuldeep Kumar Saxena, Naveen Kumar	Mechanical Engineering

26	Effect of axial groove location, length, and width ratio on bearing properties and stability	Vijay Kumar Dwivedi,Pooja Pathak	Mechanical Engineering
27	ANN Prediction of Performance and Emissions of CI Engine Using Biogas Flow Variation	Adhirath Mandal,Haeng Muk Cho,Bhupendra Singh	Mechanical Engineering
28	Predicting the effect of fiber orientations and boundary conditions on the optimal placement of PZT sensor on the composite structures	Rahul Samyal,Ashok Kumar Bagha,Raman Bedi,Shashi Bahl,Kuldeep Kumar Saxena, Shankar Sehgal	Mechanical Engineering
29	Microstructure characterisation and mechanical behaviour of AA 6063 T-6 welded joint by friction stir welding	Rajnish Singh,Saadat Ali Rizvi, Kuldeep Kumar Saxena,S. S. Godara	Mechanical Engineering
30	Effect of die geometry on thermal fatigue analysis of aluminium alloy (A02240) dies of low melting point alloys casting using pressure die casting process	Ayush Saxena,S. S. Godara, Milan K. Chouhan,Kuldeep Kumar Saxena	Mechanical Engineering
31	Finite element simulation for predicting temperature and residual stresses distribution developed in dissimilar welds of Monel 400 and AISI 309L	Balram Yelamasetti,Sandeep Manikyam,Ravindra Kumar, Kuldeep Kumar Saxena	Mechanical Engineering

32	Thermal, efficiency and power output evaluation of pyramid, hexagonal and conical forms as solar panel	Hamdi Ayed,Hazim Moria, Fayeze Aldawi,Naeim Farouk, Kamal Sharma,Mohammad Mehdizadeh Youshanlouei, Ibrahim Mahariq,Fahd Jarad	Mechanical Engineering
33	Role of Various Tool Pin Profiles in Friction Stir welding of AA2024 Alloys	Bharat Singh,Kuldeep Kumar Saxena,Piyush Singhal,Dr Tilak C Joshi	Mechanical Engineering
34	12 ICMPC%u2019 design and comprehensive study of biodegradable Zinc-based implants for bio-medical applications	Toshit Jain,Jinesh Kumar Jain, Kuldeep Kumar Saxena	Mechanical Engineering
35	Experimental investigation on temperature profiles and residual stresses in GTAW dissimilar weldments of AA5052 and AA7075	Balram Yelamasetti,Deepak Kumar,Kuldeep Kumar Saxena,Rajyalakshmi G	Mechanical Engineering
36	Influence of anatase-brookite composition on photocatalytic degradation of diethyl phthalate	Pooja Singla,Aayush Gupta, Kulvir Singh,O.P. Pandey	Mechanical Engineering
37	CeO ₂ supported Zn _{1-x} Mn _x S (x: 0.025, 0.05, 0.075 and 0.10) catalyst for photoremoval of rhodamine B dye	Gurneet Kaur,Aayush Gupta, Lukasz Wolski,O.P. Pandey	Mechanical Engineering
38	Recent trends in drilling of carbon fiber reinforced polymers (CFRPs): A state-of-the-art review	Kishan Zadafiya,Dinbandhu, Soni Kumari,Suman Chatterjee,Dr. Kumar Abhishek	Mechanical Engineering

39	Influence of ECAP processing temperature and number of passes on hardness and microstructure of Al-6063	198120002,Kuldeep Kumar Saxena,Ajaya Bharti,Jayahari Lade,Kanwal Chadha,Prudvi Reddy Paresi	Mechanical Engineering
40	Thermal fatigue analysis of Saffil reinforced aluminium alloys using pressure die casting process	S. S. Godara,Ayush Saxena, Milan K. Chouhan,Kuldeep Kumar Saxena,Nakul Gupta	Mechanical Engineering
41	Extraction of Cr from Chrome Containing Leather Waste to Develop Composite at Optimum Casting Parameters using Response Surface Methodology	Anas Islam,Shashi Parakash Dwivedi,Vijay Kumar Dwivedi	Mechanical Engineering
42	Behavior of apsed TBCS subjected to cooling media in thermal cycle systems	Vijay Kumar Dwivedi,Dipak Kumar	Mechanical Engineering

43	Prediction of elastic properties of unidirectional carbon/carbon composites using analytical and numerical homogenisation methods	Mvn Mohan,Dr. Atul Bhagat, Vijay Kumar Dwivedi	Mechanical Engineering
44	Influence of tool rotational speed on mechanical properties of aluminium alloy AA 7075-T6 during friction stir welding process	Akash Sharma (Phd),Vijay Kumar Dwivedi	Mechanical Engineering
45	Characterisation of anode plasma deposited IN718 TBC system after thermal cycle shocking test	Priyanka Sharma,Vijay Kumar Dwivedi,Dipak Kumar	Mechanical Engineering
46	Factors influencing the performance of solar air heater (SAH) having artificial coarseness: a review	Gaurav Bharadwaj,Kamal Sharma,Kuwar Mausam	Mechanical Engineering

47	Development of marble dust/waste pet based polymer composite material for environmental sustainability: Fabrication and characterizations	Anas Islam,Shashi Prakash Dwivedi,Vijay Kumar Dwivedi, Shubham Sharma,Drazan Kozak	Mechanical Engineering
48	Mechanical behaviour of Aluminium Alloy AA6063 processed through ECAP with optimum die design parameters	Krishna Mohan Agarwal,R K Tyagi,Vikas Choubey,Kuldeep Kumar Saxena	Mechanical Engineering
49	Recovery of Cr from CCLW and its Utilization as reinforcement along with Waste SAC and grinding sludge in the AA 5052 based metal matrix composites	Shashi P Dwivedi,Rohit Sahu, Ambuj Saxena,Vijay Kumar Dwivedi,Krovvidi Srinivas, Shubham Sharma	Mechanical Engineering
50	Compound usage of L shaped fin and Nano-particles for the acceleration of the solidification process inside a vertical enclosure (A comparison with ordinary double rectangular fin)	Yuning Chen,Li Feng,Sajjad Shaukat Jamal,Kamal Sharma, Ibrahim Mahariq,Fahd Jarad, Akbar Arsalanloo	Mechanical Engineering

51	Utilization of solar energy for wastewater treatment: Challenges and progressive research trends	A. K. Pandey,R. Reji Kumar, Kalidasan B,Imtiaz Ali Laghari, M. Samykano,Richa Kothari, Abdullah M. Abusorrah,Kamal Sharma,V. V. Tyagi	Mechanical Engineering
52	Microstructure and mechanical testing of Al/graphite/Fly-ash metal matrix composite material	Rajat Yadav,Shashi Prakash Dwivedi,Vijay Kumar Dwivedi, Anas Islam	Mechanical Engineering
53	Development of Aluminium Based Composite by Utilizing Industrial Waste and Agro-Waste Material as Reinforcement Particles	Anas Islam,Shashi Prakash Dwivedi,Rajat Yadav,Vijay Kumar Dwivedi	Mechanical Engineering
54	Strategies for assessment and implementation of sustainable manufacturing	Deepak Sharma	Mechanical Engineering
55	Effect on CI Engine Piston by Waste Cooking Oil Biodiesel	Adhirath Mandal,Haengmuk Cho,Bhupendra Singh Chauhan	Mechanical Engineering

56	The effect of oscillating turbulent inflow on the shape of downstream turbulence	Young-Woo Yi,Bhupendra Singh Chauhan,Hee-Chang Lim	Mechanical Engineering
57	Effect of uniform and non-uniform mesh on the development of turbulent boundary layer	Lokesh Kalyan Gutti,Bhupendra Singh Chauhan,Heechang Lim	Mechanical Engineering
58	A study on shrinkage residual stresses, microstructure and mechanical properties of ASS thick pipe welded by GMAW process	Sudhir Kumar,Nikki Archana Barla,Ramkishor Anant,Kuldeep Kumar Saxena	Mechanical Engineering
59	Effects due to tool design during FSW process of aluminium alloy AA7075 T-6	Akash Sharma,Vijay Kumar Dwivedi	Mechanical Engineering

60	An investigation on thermal and chemical behavior of jute/hemp/flax fiber reinforced woven composites and its hybrids	Vijay Chaudhary,Partha Pratim Das,Rohit Sahu,Krovvidi Srinivas, Vijay Kumar Dwivedi	Mechanical Engineering
61	Experimental Investigation of Tool Wear in Machining of SiC Based Al-MMC	Arvind M Sankhla,Kaushik M Patel,Mayur A Makhesana, Kuldeep Kumar Saxena,Nakul Gupta	Mechanical Engineering
62	Extracting novel categories of analytical wave solutions to a nonlinear Schrödinger equation of unstable type	Yan Cao,Hayder A.Dhahad, Fahdjarad,Kamal Sharma,Ali A. Rajhi,A.S.El-Shafay,Shima Rashid,Shahram Rezapour,S.A. Najati,Ayman A. Aly	Mechanical Engineering
63	Immense impact from small particles: Review on stability and thermophysical properties of nanofluids	A.G.N.Sofiah,M.Samykano,A.K. Pandey,K.Kadrigama,Kamal Sharma,R.Saidur	Mechanical Engineering
64	Proposing novel CL shaped fin to boost the melting performance of a vertical PCM enclosure	Gaoliang Wang,Li Feng, Mohamed Altanji,Kamal Sharma,Kottakkaran Sooppy Nisar,Saleh Khorasani	Mechanical Engineering
65	In-situ synthesis of a novel ZnO/CuCo ₂ S ₄ p-n heterojunction photocatalyst with improved phenol and rhodamine B degradation performance and investigating the mechanism of charge carrier separation	Yan Cao,M.A. El-Shorbagy,Kamal Sharma,Sagr Alamri,Ali A.Rajhi, Ali E.Anqi,Ayman A.Aly,Bassem F.Felemban	Mechanical Engineering
66	Reduction of Emission Gas Concentration from Coal Based Thermal Power Plant using Full Combustion and Partial Oxidation System	Kalidasan B,Deepika K,R Shankar,A K Pandey,Syed Shahabuddin,Richa Kothari, Priyank Agarwal,Kamal Sharma	Mechanical Engineering

67	Multi-response Taguchi grey relational analysis of mechanical properties and weld bead dimensions of dissimilar joint of AA6082 and AA7075	Balram Yelamasetti,Venkat Ramana G,Sandeep Manikyam, Kuldeep Kumar Saxena	Mechanical Engineering
68	High-Temperature Corrosion Performance of FeAl-Based Alloys Containing Carbon in Molten Salt	Munish Kumar,Ravi Kant,Suresh Chand,Ujjwal Prakash,Shankar Sehgal,Kuldeep Kumar Saxena, Joao Paulo Davim,Chander Prakash	Mechanical Engineering
69	Modulation of interfacial interactions toward strong and tough cellulose nanofiber-based transparent thin films with antifogging feature	Sunanda Roy,Barnali Dasgupta Ghosh,Kheng Lim Goh,Ruth M. Muthoka,Jaehwan Kim	Mechanical Engineering

ns in the Journals notified on UGC website during the year 2021

Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
MATERIALS AND MANUFACTURING PROCESSES	12.01.2021	1532-2475	https://www.tandfonline.com/eprint/IXF2QAEFFI4SHYUGRU7T/full?target=10.1080%2F10426914.2020.1866193&
CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY	18.01.2021	1755-5817, 1878-0016	https://www.sciencedirect.com/science/article/abs/pii/S1755581721000031#
Materials Science and Engineering: A	16.03.2021	: 0921-5093	https://www.sciencedirect.com/science/article/abs/pii/S0921509321003415
WORLD JOURNAL OF ENGINEERING	04.08.2021	1708-5284	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111886879&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=06e82b3a6f02d1f8daa1bc568b142b53&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=3&citeCnt=0&searchTerm=

IETA/Annales de Chimie - Science des Matéri	28.02.2021	ISSN: 0151-9107 (print); 1958-5934 (online)	https://www.scopus.com/record/display.uri?eid=2-s2.0-85103248736&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=c7e5441fd5f78d71a1f3bbe620a9a871&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=0&citeCnt=0&searchTerm=
SURFACE REVIEW AND LETTERS	30.03.2021	1793-6667	https://www.scopus.com/record/display.uri?eid=2-s2.0-85102755470&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=c7e5441fd5f78d71a1f3bbe620a9a871&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=1&citeCnt=0&searchTerm=
ASTM-MPC	02.04.2021	2379-1365, 2165-3992	http://www.scopus.com/inward/record.url?eid=2-s2.0-85103742540&partnerID=MN8TOARS
Material and manufacturing processes	14.05.2021	10426914	https://www.tandfonline.com/doi/full/10.1080/10426914.2021.1914843
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	14.07.2021	2374-068X 2374-0698	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111671540&origin=resultslist

ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	24.05.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85106206560&origin=resultslist&sort=plf-f&src=s&st1=SAXENA&st2=KULDEEP+K&nlo=1&nlr=20&nls=count-f&sid=c6fd86c7f3e37238ada325c6c8f12bde&sot=anl&sdt=cl&cluster=scopubyr%2c%222021%22%2ct%2bscosubtype%2c%22ar%22%2ct&sl=42&s=AU-ID%28%22Saxena%2c+Kuldeep+Kumar%22+56612928200%29&relpos=5&citeCnt=0&searchTerm=
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	14.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85107816772&origin=resultslist&sort=plf-f&src=s&st1=SAXENA&st2=KULDEEP+K&nlo=1&nlr=20&nls=count-f&sid=bf2a58c14dcdec4ab2da685f470a6efa&sot=anl&sdt=aut&sl=42&s=AU-ID%28%22Saxena%2c+Kuldeep+Kumar%22+56612928200%29&relpos=4&citeCnt=0&searchTerm=
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	14.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85107848755&origin=resultslist&sort=plf-f&src=s&st1=SAXENA&st2=KULDEEP+K&nlo=1&nlr=20&nls=count-f&sid=bf2a58c14dcdec4ab2da685f470a6efa&sot=anl&sdt=aut&sl=42&s=AU-ID%28%22Saxena%2c+Kuldeep+Kumar%22+56612928200%29&relpos=3&citeCnt=0&searchTerm=
MATERIALS AND MANUFACTURING PROCESSES	16.02.2021		https://doi.org/10.1080/10426914.2021.1905829

ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	07.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85107491158&origin=resultslist&sort=plf-f&src=s&st1=SAXENA&st2=KULDEEP+K&nlo=1&nlr=20&nls=count-f&sid=bf2a58c14dcdec4ab2da685f470a6efa&sot=anl&sdt=aut&sl=42&s=AU-ID%28%22Saxena%2c+Kuldeep+Kumar%22+56612928200%29&relpos=5&citeCnt=0&searchTerm=
Elsiever/Renewable Energy	16.04.2021	0960-1481	https://www.sciencedirect.com/science/article/abs/pii/S0960148121005681
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	06.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85109865095&origin=resultslist
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	20.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110813859&origin=resultslist
Yieldiz University press	02.03.2021		https://www.scopus.com/authid/detail.uri?authorid=55646341300

ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	24.05.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85106254878&origin=resultslist&sort=plf-f&src=s&st1=SAXENA&st2=KULDEEP+K&nlo=1&nlr=20&nls=count-f&sid=c6fd86c7f3e37238ada325c6c8f12bde&sot=anl&sdt=cl&cluster=scopubyr%2c%222021%22%2ct%2bscosubtype%2c%22ar%22%2ct&sl=42&s=AU-ID%28%22Saxena%2c+Kuldeep+Kumar%22+56612928200%29&relpos=4&citeCnt=0&searchTerm=
Elsevier/Sustainable Energy Technologies and Assessments	21.03.2021		https://www.sciencedirect.com/science/article/abs/pii/S2213138821001491
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	19.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110837526&origin=resultslist
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	26.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85112333526&origin=resultslist&sort=plf-f&src=s&sid=7b8d5c20b214b12a9267e2286ccf816e&sot=b&sdt=b&sl=124&s=TITLE-ABS-KEY%28Improvement+in+mechanical+properties+of+structural+AZ91+magnesium+alloy+processed+by+friction+stir+processing%29&relpos=0&citeCnt=0&searchTerm=

Journal of Computational and Applied Research in Mechanical Engineering	15.04.2021	22287922	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108294969&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=4a35663173d9370b8eabc0d52dc68d55&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=3&citeCnt=1&searchTerm=
ENERGIES	16.05.2021	EISSN 1996-1073,	https://www.mdpi.com/1996-1073/14/10/2910/htm
Material Research Express	02.07.2021	20531591	https://iopscience.iop.org/article/10.1088/2053-1591/ac0de9
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	15.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85107900494&origin=resultslist&sort=plf-f&src=s&st1=SAXENA&st2=KULDEEP+K&nlo=1&nlr=20&nls=count-f&sid=bf2a58c14dcdec4ab2da685f470a6efa&sot=anl&sdt=aut&sl=42&s=AU-ID%28%22Saxena%2c+Kuldeep+Kumar%22+56612928200%29&relpos=2&citeCnt=0&searchTerm=
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	12.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110423005&origin=resultslist
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	23.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110652632&origin=resultslist

CASE STUDIES IN THERMAL ENGINEERING	07.07.2021		https://www.sciencedirect.com/science/article/pii/S2214157X21003956
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	19.07.2021	1059-9495 (print); 1544-1024 (web)	https://link.springer.com/article/10.1007/s11665-021-06017-3
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	23.06.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85108368604&origin=resultslist&sort=plf-f&src=s&sid=8c936d778b498afe8d4659f8701626c5&sot=b&sdt=b&sl=122&s=TITLE-ABS-KEY%28%e2%80%9812+ICMPC%e2%80%99+design+and+comprehensive+study+of+biodegradable+Zinc-based+implants+for+biomedical+applications%29&relpos=0&citeCnt=0&searchTerm=
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	28.05.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85106755247&origin=resultslist
CERAMICS INTERNATIONAL	29.07.2021	0272-8842	https://www.sciencedirect.com/science/article/pii/S027288422102304X
SOLAR ENERGY	30.07.2021	0038092X	https://www.sciencedirect.com/science/article/pii/S0038092X21006496?dgcid=author
JOURNAL OF MANUFACTURING PROCESSES	26.07.2021	15266125	https://www.sciencedirect.com/science/article/pii/S152661252100520X?dgcid=coauthor

ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	02.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111696932&origin=resultslist
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	02.08.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111815459&origin=resultslist&sort=plf-f&src=s&sid=da58842a1fcfaf4c2fbb10fe8bbd60af&sot=b&sdt=b&sl=112&s=TITLE-ABS-KEY%28Thermal+fatigue+analysis+of+Saffil+reinforced+aluminium+alloys+using+pressure+die+casting+process%29&relpos=0&citeCnt=0&searchTerm=
Emerald	04.08.2021	17085284	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111484906&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=335a2dd2d44b9e66842472342f3df375&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=4&citeCnt=0&searchTerm=
World Scientific	26.07.2021	0218625X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111735650&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=335a2dd2d44b9e66842472342f3df375&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=3&citeCnt=0&searchTerm=

Taylor and Francis / AMPT	22.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111404455&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=335a2dd2d44b9e66842472342f3df375&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=5&citeCnt=0&searchTerm=
Taylor and Francis / AMPT	20.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110873378&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=335a2dd2d44b9e66842472342f3df375&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=6&citeCnt=0&searchTerm=
Taylor and Francis / AMPT	02.08.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110082319&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=335a2dd2d44b9e66842472342f3df375&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=8&citeCnt=0&searchTerm=
JOURNAL OF THERMAL ENGINEERING	02.09.2021	2148-7847	https://jten.yildiz.edu.tr/article/236

ASTM International	19.08.2021	21653992	https://www.scopus.com/record/display.uri?eid=2-s2.0-85113302986&origin=resultslist&sort=plf-f&src=s&st1=Islam&st2=Anas&nlo=1&nlr=20&nls=count-f&sid=0c84e1c8c357e6a25dd5f5e5dc393e0e&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Islam%2c+Anas%22+57222517466%29&relpos=2&citeCnt=0&searchTerm=
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	02.02.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85100548814&origin=resultslist&sort=plf-f&src=s&sid=5691a7ccb12548095e146dbca35ed7f9&sot=b&sdt=b&sl=84&s=TITLE-ABS-KEY%28Mechanical+behaviour+of+Aluminium+Alloy+AA6063+processed+through+ECAP%29&relpos=0&citeCnt=4&searchTerm=
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, SAGE	19.08.2021	9544089	https://www.scopus.com/record/display.uri?eid=2-s2.0-85113134153&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=c7c722c4bfbd85365f68f7ef7bca38&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=4&citeCnt=0&searchTerm=
CASE STUDIES IN THERMAL ENGINEERING	04.09.2021	2214-157X	https://www.sciencedirect.com/science/article/pii/S2214157X21005785

JOURNAL OF ENVIRONMENTAL MANAGEMENT	20.07.2021	0301-4797	https://www.sciencedirect.com/science/article/pii/S0301479721013621#!
Emerald	06.09.2021	17085284	https://www.scopus.com/record/display.uri?eid=2-s2.0-85115046324&origin=resultslist&sort=plf-f&src=s&st1=Islam&st2=Anas&nlo=1&nlr=20&nls=count-f&sid=af9e5e7b5666e73e654046f6f5e2ffac&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Islam%2c+Anas%22+57222517480%29&relpos=5&citeCnt=0&searchTerm=
Springer	20.09.2021	22502122	https://www.scopus.com/record/display.uri?eid=2-s2.0-85115673845&origin=resultslist&sort=plf-f&src=s&st1=Islam&st2=Anas&nlo=1&nlr=20&nls=count-f&sid=af9e5e7b5666e73e654046f6f5e2ffac&sot=anl&sdt=aut&sl=32&s=AU-ID%28%22Islam%2c+Anas%22+57222517480%29&relpos=4&citeCnt=0&searchTerm=
JOURNAL OF ENGINEERING RESEARCH	28.10.2021		https://kuwaitjournals.org/jer/index.php/JER/article/view/15267
JOURNAL OF ENGINEERING RESEARCH	01.11.2021	23071885	https://www.scopus.com/record/display.uri?eid=2-s2.0-85118373501&origin=resultslist&sort=plf-f&src=s&st1=Effect+on+CI+Engine+Piston+by+Waste+Cooking+Oil+Biodiesel&sid=a0116c0468a790ba295d8e2cfd071486&sot=b&sdt=b&sl=72&s=TITLE-ABS-KEY%28Effect+on+CI+Engine+Piston+by+Waste+Cooking+Oil+Biodiesel%29&relpos=0&citeCnt=0&searchTerm=

JOURNAL OF ENGINEERING RESEARCH	01.11.2021	23071885	https://www.scopus.com/record/display.uri?eid=2-s2.0-85118399923&origin=resultslist&sort=plf-f&src=s&st1=The+effect+of+oscillating+turbulent+inflow+on+the+shape+of+downstream+turbulence&sid=c4a19983901c1b42ebc2a4728a1c785c&sot=b&sdt=b&sl=95&s=TITLE-ABS-KEY%28The+effect+of+oscillating+turbulent+inflow+on+the+shape+of+downstream+turbulence%29&relpos=0&citeCnt=0&searchTerm=
JOURNAL OF ENGINEERING RESEARCH	01.11.2021	23071885	https://www.scopus.com/record/display.uri?eid=2-s2.0-85118407380&origin=resultslist&sort=plf-f&src=s&st1=Effect+of+uniform+and+non-uniform+mesh+on+the+development+of+turbulent+boundary+layer&sid=9ef51dba9724442050fdb99281200e2a&sot=b&sdt=b&sl=100&s=TITLE-ABS-KEY%28Effect+of+uniform+and+non-uniform+mesh+on+the+development+of+turbulent+boundary+layer%29&relpos=0&citeCnt=0&searchTerm=
MATERIALS RESEARCH EXPRESS	10.11.2021	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ac33ff
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	08.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110128728&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=85a1b2e91ed00b6ceb7c6549165cbffa&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=18&citeCnt=0&searchTerm=

Journal of Engineering Research (JER)	11.11.2021	23071885	https://www.scopus.com/record/display.uri?eid=2-s2.0-85119079377&origin=resultslist&sort=plf-f&src=s&st1=Dwivedi&st2=Vijay+Kumar&nlo=1&nlr=20&nls=count-f&sid=4cc6530bc5b503712c993a9f3a7f5ebe&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Dwivedi%2c+Vijay+Kumar%22+57218704028%29&relpos=10&citeCnt=0&searchTerm=
ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	19.07.2021	2374068X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85110837526&origin=resultslist&sort=plf-f&src=s&sid=82642139e26dd56452afefe61a2bcc86&sot=b&sdt=b&sl=87&s=TITLE-ABS-KEY%28Experimental+Investigation+of+Tool+Wear+in+Machining+of+SiC+Based+Al-MMC%29&relpos=0&citeCnt=0&searchTerm=
RESULTS IN PHYSICS	23.11.2021	ISSN: 2211-3797	https://www.sciencedirect.com/science/article/pii/S2211379721010287
SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	30.09.2021	ISSN: 2213-1388	https://www.sciencedirect.com/science/article/abs/pii/S2213138821006494
CASE STUDIES IN THERMAL ENGINEERING	17.09.2021	ISSN: 2213-1388	https://www.sciencedirect.com/science/article/pii/S2214157X21006286
Journal of Photochemistry and Photobiology A: Chemistry	23.11.2021	1010-6030 ISSN	https://www.sciencedirect.com/science/article/abs/pii/S101060302100544X
JOURNAL OF ENGINEERING RESEARCH	02.11.2021	ISSN: 2307-1877	https://kuwaitjournals.org/jer/index.php/JER/article/view/11927

ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	28.06.2021	ISSN: 2374-0698	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2021.1946340?journalCode=tmpt20
METALS	16.12.2021	EISSN 2075-4701	https://www.mdpi.com/2075-4701/11/12/2040/htm
CARBOHYDRATE POLYMERS	06.12.2021	ISSN 0144-8617	https://www.sciencedirect.com/science/article/abs/pii/S0144861721013618

Impact factor	Indexing
4.616 (2020)	SCI
3.033	scopus
5.234	SCI
2021	Scopus

	Scopus
1.152	SCI
	Scopus
4.054	SCI
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