

SNo	Name of the Authors	Title	Remarks	Dt of Sub.	Submitted	Similarity
20	Siuli Dutta; Ashis K. Panda; Rajat K. Roy	Evaluation of cold rolling and annealing behavior of extra low carbon steel by magnetic parameters	Journal	15.09.21	Both	7%
21	G. Thamarai Selvi; Shailendra K. Jha	Discharge Profile and Its Correlation with Estimated Parametric Sensitivity and Electrical Contact Resistance Losses in Li-ion Battery	Journal - JECS	15.09.21	Both	4%
22	G. Thamarai Selvi; Shailendra K. Jha	Anomalous interfacial stress generation and role of elasto-plasticity in mechanical failure of Si based thin film anodes of Li-ion batteries	Journal - BOMS	15.09.21	Both	6%
23	Uttam Kumar; Sudeshna Das Chakraborty; Ranjan K Sahu; Pallab Bhattacharya; Trilochan Mishra	Improved interfacial charge transfer on noble metal-free biomimetic CdS based tertiary heterostructure@2D MoS ₂ -CdS-Cu ₂ O with enhanced photocatalytic water splitting	Journal	16.09.21	Both	7%
24	Somnath Das, Avijit K. Metya, Tarun K. Das, Premkumar. M, R.K.Roy, A.K.Panda	Impact of Static Magnetic Field on the Transduction Efficiency of a Magnetostrictive Sensor for the Generation of Guided Waves in Pipes	Journal	16.09.21	Both	5%
25	Charu Singh, S.K. Tiwari, Raghuvir Singh	Development of corrosion-resistant electroplating on AZ91 Mg alloy by employing air and water-stable eutectic based ionic liquid bath	Journal	17.09.21	Both	2%
26	Sumanta Bagui, Monalisa Mandal, Biraj Kumar Sahoo, Kinkar Laha, Soumitra Tarafder, Rahul Mitra	Investigation of non-classical creep behavior of Inconel 617 alloy through interrupted tests and microstructural characterizations	Journal	17.09.21	Both	2%
27	Pankaj Kumar Choubey, Om Shankar Dinkar, Manis Kumar Jha	Reclamation of lithium, cobalt and manganese from spent toys batteries	NMD-ATM conference	22.09.21	Both	5%

28	Rekha Panda, Om Shankar Dinkar, Pankaj Kumar Choubey, Manis Kumar Jha	Development of feasible process for the recovery of precious metals from e-waste	NMD-ATM conference	22.09.21	Both	5%
29	Om Shankar Dinkar, Rekha Panda, Pankaj Kumar Choubey, Manis Kumar Jha	Chemical pre-treatment of integrated circuits (ICs) of discarded mobile phone to get high grade PMs concentrate	NMD-ATM conference	22.09.21	Both	5%
30	Nityanand Singh, Pankaj Kumar Choubey, Rekha Panda, Om Shankar Dinkar, Manis Kumar Jha	Recycling of scrap Nd-Fe-B permanent magnets to reclaim REMs Salt	NMD-ATM conference	22.09.21	Both	5%
31	Uttam Kumar Mahato, Pankaj Kumar Choubey, Om Shankar Dinkar, Manis Kumar Jha	Selective extraction of lithium from cathodic materials of spent lithium-ion batteries	NMD-ATM conference	22.09.21	Both	0%
32	Beena Kumari, A. Madhukar; Sangeeta Sahney	A R&D Productivity Model to Achieve Self-Sustainability for Public Funded/CSIR R&D Laboratories, India	Int Jr of Productivity & Performance Management	22.09.21	Both	6%
33	Ranjan K Sahu, Sunil Kumar, Debleena Mandal, Sudeshna Das Chakraborty, Pallab Bhattacharya and Trilochan Mishra	Dangling bond-induced surface depletion in CdS leaf	ACS Applied Electronic Materials	22.09.21	Both	4%
34	Akula Sankara Rao, Abhishek Kumar, Shobhana Dey	Processing of waste dumped iron ore fines for value additions	Journal	24.9.21	Both	6%
35	Rohit B. Meshram, Y. Usha, Gautam Kundu, Dibyendu Mukherjee	Investigation of operating parameters effects on bubble characteristics in a co-current downflow bubble column	Journal	24.9.21	Both	6%
36	Biraj Kumar Sahoo, Avanish Kumar Chandan, and Gaurav Kumar Bansal	Medium-Mn, high-Al duplex lightweight steels: a promising material for automotive application	Journal	26.9.21	Both	4%
37	Sonika, A P Murugesan, Debdas Roy and Palash Poddar	Effect of aging on hardness and tensile properties of advanced Mg-Sn based alloys	Journal	03.09.21	Both	3%

38	A.K. Chandan, K. Kishore, P.T. Hung, M.Ghosh, S,Ghosh Chowhaury, M. Kawasaki, J. Gubicza	Effect of nickel addition on enhancing nano-structuring and suppressing TRIP effect in Fe ₄₀ Mn ₄₀ Co ₁₀ Cr ₁₀ high entropy alloy during high pressure torsion	Journal	21.10.21	Both	8%
39	Pankaj K Choubey, Nityanand Singh, Rekha Panda, J Rajesh Kumar, Kyoungkeun Yoo, I Park, Manis K Jha	Development of hydrometallurgical process for recovery of rare earth metals (REMs) (Nd, Pr, Dy) from NdFeB magnet	Journal	23.10.21	Both	3%
40	Pallab Bhattacharya, Y. Sai Swaroop Sarma	A composite electrode of 2D- Ti ₃ C ₂ (MXene) and polyemeraldine salt of polyaniline for super capacitor application	Journal	25.10.21	Both	3%