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ABS ID	ABS.Title	Full Name	Institution/Affiliation	City
8	Development of Plasticizer Free polymer matrix using reactive nanogel additives for Biomedical application	Manju Sarswathy	Sree Chitra Tirunal Institue for Medical Sciences and Technology	Thiruvananthapuram
9	Value addition of Pomegranate Peels: From Healthcare to Energy Applications	Anupama Kumar	Visvesvaraya National Institute of Technology	Nagpur
19	Fabrication of Ecofriendly Polymeric Materials and Their Applications	Balbir Singh Kaith	Dr B R Ambedkar National Institute of Technology	Jalandhar
63	Cellulose nanomaterials for advanced applications: Approach towards a sustainable and circular ecosystem	Pradip Kumar Maji	Indian Institute of Technology Roorkee	Saharanpur
90	Eco-friendly Smart Self-healing Multifunctional Polyurethane Coatings and Composites	Vikas Gite	Kavayitri Bahinabai Chaudhari North Maharashtra University	Jalgaon
144	Synthesis and characterization of sulfur-containing polymers: An overview	Susanta Banerjee	Indian Institute of Technology	Khargpur
147	Polysaccharides-nanoparticle hydrogels for biomedical applications	Havazelet Bianco-Peled	Technion - Israel Institute of Technology	Israel
148	Design and 3D printing wollastonite reinforced PLA/PCL composite scaffolds for bone tissue engineering	Himansu Sekhar Nanda	PDPM-IIITDM	Jabalpur
149	Antioxidant, Tensile Strength and Biodegradation Behaviour of Quercetin Incorporated Soy Protein Isolate Films	Rakesh Kumar	Central University of South Bihar	Gaya
179	Modeling Polymers for Sustainable Energy Generation: Quantum Mechanical and Density Functional Theory Approach	Anant D Kulkarni	Somaiya Vidyavihar University	Mumbai
187	Plasma mediated Dyeing of Cotton Fabric from Temple Flower (Hibiscus rosa sinensis) Waste	Shamayita Patra	SVITT, SVVV	Indore

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196	Germicidal textiles - novel ways of applying Copper nanoparticles	Arun Kumar Patra	Uttar Pradesh Textile Technology Institute	Kanpur
205	4D Biomaterials: Beyond three dimensions	Amit Nain	Indian Institute of Science	Bangalore
248	Value Addition of Agro-waste Derived Functionalized Biopolymers for Sustainable Food Application	Tabli Ghosh	Tezpur University	Sonitpur
279	An Industrial Method to Produce Biocompatible Polymers, Nanocomposites and Immunomodulatory Macromolecules towards Next Generation Medical Devices and Vaccine Technology	Lakshminarayanan Ragupathy	HLL Lifecare Limited	Thiruvananthapuram
280	Transparent cellulosic composites- fabrication and applications	Archana Samanta	Indian Institute of Technology Delhi	New Delhi
288	Mechanically robust, Stretchable and Adhesive Anti-freezing Polymer Hydrogel Materials for multifunctional applications	Rajat Kumar Das	Indian Institute of Technology	Kharagpur
296	Modification of Lignin and Development of its Polymer Composites	Satyendra Mishra	NMU	Jalgaon
298	Compostable Polymer Nanocomposites Films for Flexible Packaging	Jayita Bandyopadhyay	Council for Scientific and Industrial Research	South Africa
300	The curing kinetics of novel phthalonitrile resin system by model-based and iso-conversional kinetic model	Ajit Shankar Singh	DMSRDE (DRDO)	Kanpur
322	Bacterial Cellulose- a tunable matrix for drug delivery	Mudrika Khandelwal	Indian Institute of Technology Hyderabad	Hyderabad
337	Study of Rheological and Thermo-dynamical Properties of Phosphorylated Phthalonitrile Resin matrix (2c) for Aerospace Applications	Jeetendra Kumar Banshiwal	DMSRDE	Kanpur

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344	Quaternized Pullulan-Based Nanoplatforms: A Multifunctional Solution for Antimicrobial Therapy, Wound Healing, and Preventing Implant-Associated Infections	Amit Jaiswal	Indian Institute of Technology Mandi	Mandi
365	Antibacterial and Hemostatic Polymeric Hydrogels	Jayakumar Rangasamy	Amrita Vishwa Vidyapeetham	Kochi
369	Recent advances in nonedible oil-based polyurethane polymers: Synthesis, characterization, and coating applications in the food packaging	Rakesh K. Sharma	The Maharaja Sayajirao University of Baroda	Vadodara
377	Continuous Flow Synthesis of Conjugated Polymer Nanocomposites as Photocatalysts	Prem Felix Siril	Indian Institute of Technology	Mandi
383	Piezoelectric Nanofibers for Textile-based Wearable Electronics	Kaushik Parida	Indian Institute of Technology	Roorkee
386	Functional Designing of Tragacanth Gum Nanogels for Anticancer Drug Delivery	Deepak Pathania	Central University of Jammu	Jammu
392	New Dimensions of Bio Polyols to be used for specific performances	Jayant Khadilkar	Jay Elastomers Pvt Ltd	Navi Mumbai
395	Electroconductive Graphene-crosslinked-Collagen hydrogel Modulate Inflammation in Spinal Cord Regeneration	Akshay Srivastava	National Institute of Pharmaceutical Education and Research	Ahmedabad
397	Metal Salts as Catalysts in Ring-opening Polymerization of Cyclic Esters	Payal Malik	Sant Longowal Institute of Engineering and Technology, Longowal	Punjab
398	Tuning the physicochemical and dielectric properties of chitosan/ graphene nanocomposites	Sidhharth Sirohi	Bhaskaracharya College of Applied Sciences (University of Delhi)	New Delhi
405	Highly versatile electrospun nanofibers for piezoelectric, pyroelectric and photocatalytic applications	Jaspreet Kaur Randhawa	Indian Institute of Technology	Mandi

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407	Poloxamer based Nanoformulations for enhanced brain delivery	Sabitha M	Amrita School of Pharmacy	Kochi
409	Effects of Polymer Physicochemical Properties on the Dissolving Microneedles (DMN) for Transdermal Drug Delivery	Sudip K Pattanayek	Indian institute of Technology Delhi	New Delhi
410	Advances in Hydrogen-Based Polymer Electrolyte Fuel Cells: Innovations and Challenges	Santoshkumar D Bhat	CSIR-Central Electrochemical Research Institute Madras Unit	Madras
415	Solid Oxide Electrolysis Cells for Efficient CO2 Reduction: Materials and Mechanisms	Neetu Kumari	Malaviya National Institute of Technology	Jaipur
419	Rice husk ash waste as effective reinforcement in the polymer matrix composites/nanocomposites for electronic applications	Rajendra Kumar Goyal	Malaviya National Institute of Technology	Jaipur
422	Surface and interface engineering for enhanced solar-to-H2 conversion	Bhavana Gupta	UPES	Dehradun
426	Synthesis of Nanodiamonds and Their Applications on Polymers and Textiles	Ashwini K. Agrawal	Indian institute of Technology Delhi	New Delhi
429	Development of Polypropylene Homopolymer for Monofilament Applications with Enhanced Gas Fading Resistance	Priyanka Singh	HPCL-Mittal Energy Ltd. (HMEL)	Noida