

No	Title	Submission Author	Email	Institution	Region/country
35	The In-situ Acetylation of Bacterial Cellulose by Using N-Acetyl Glucosamine as an Alternative Carbon Source	Peregrine C. G. Greenhope	grine.c.g.greenhope@northumbria.ac.uk	Northumbria Uni	UK
36	Tough and stretchable dual ionically cross-linked hydrogel with High Elongation at Break	Zijian Wu	zijian.wu@hrbust.edu.cn	Northumbria Uni	UK
37	Integration of Green Hydrogen in the UK Local Bus & Coach Transport System: A Comparative Life Cycle Analysis of Diesel Fossil Fuel and Green Hydrogen Powered Buses	Gabriel Chibueze Egwu	gabriel.egwu@northumbria.ac.uk	Northumbria Uni	UK
38	Innovative Indirect Evaporative Coolers Design Framework: A Way Forward to Energy Efficiency and Net Zero	Muhammad Ahmad	hammad2.ahmad@northumbria.ac.uk	Northumbria Uni	UK
39	Droplet impact energy harvester enabled by coplanar reverse electrowetting-on-dielectric (CREW)	Anotidaishe (Tida) Moyo		Northumbria Uni	UK
41	Sequential buckling architected graphene aerogel for ultra-sensitive sensor	Zhuofan Qin	z.qin@northumbria.ac.uk	Northumbria Uni	UK
42	Constructing and Advancing Robust Electrodes for Optimised Hydrogen Production Under Fluctuating Power Supply	Yuan Wang		Northumbria Uni	UK
43	Synthesis of CNF/EP composite for corrosion resistance application on carbon steel	Saddick Donkor	saddick.donkor@northumbria.ac.uk	Northumbria Uni	UK
44	Sustainable Wood-based Functional Structural Materials	Shengbo Ge	geshengbo@njfu.edu.cn	Nanjing Forestry University	CN
45	A Novel Adsorbent Based Atmospheric Water Generator System for Net Zero	Mohammed sanjid thavalengal	mmed.s.thavalengal@northumbria.ac.uk	Northumbria Uni	UK
58	Biomimetic Spinning of Multi-structure Fibers via Bubble Separation for Hydrovoltaic Electricity Generation	Xuanyong Liu	xyliu@mail.sic.ac.cn	CAS- SIC, Donghua University	CN
59	A biocompatible, thin, and wet-adhesive zinc-ion hybrid supercapacitor as an implantable power source	Jiajun Qiu	qiujiujun@mail.sic.ac.cn	CAS- SIC	CN
74	High-performance flexible all-solid-state asymmetric supercapacitors	Runzhou Huang	runzhouhuang@njfu.edu.cn	Nanjing Forestry University	CN
102	ASSET-LIABILITY MANAGEMENT AND BANK EARNINGS OF COMMERCIAL BANKS IN NIGERIA	SEGUN KAMORU FAKUNMOJU	segun.fakunmoju@lasu.edu.ng	Lagos State University	Nigeria
103	PRINCIPLES ASSOCIATED WITH MICROBIAL PARTICIPATION IN BIOGAS PRODUCTION AND NIGERIAN RENEWABLE ENERGY CHALLENGES	Umar Zubairu Darma	zubairu.umar@umyu.edu.ng	Umaru Musa Yar'adua University Katsina	Nigeria
104	Water Quality Modeling Using Artificial Neural Network at the Dead-End Sections of Drinking Water Distribution System	Joseph Ikenna Ubah	ji.ubah@unizik.edu.ng	Nnamdi Azikiwe University Awka	Nigeria
106	Aflatoxins in food products consumed in the Kingdom of Saudi Arabia: A preliminary dietary risk assessment	Jumanah A. Alamir	jaamir@sfga.gov.sa	Saudi Food and Drug Authority	Saudi Arabia
108	Next-Generation Technologies and Sustainable Practices in Offshore Oil and Gas Exploration: A Roadmap for Environmental Stewardship and Industry Resilience	Nwaiwu Uchechukwu	philip.uche2009@yahoo.com	Abia State University Uturu	Nigeria
109	Synthesis of Novel Activated Carbons Derived from Pig Fur Biowaste for Cadmium Adsorption in Wastewater	Chukwunke Jeremiah Lekwuwa	jl.chukwunke@unizik.edu.ng	Nnamdi Azikiwe University	Nigeria
110	Optimized microstructure for enhanced properties of novel ecofriendly green plants wastes hybridized epoxy resin eco-composites	Kingsley Chidi Nnakwo	kc.nnakwo@unizik.edu.ng	Nnamdi Azikiwe University	Nigeria
111	EFFECT OF FIRING TEMPERATURE ON THE REFRACTORY PROPERTIES OF MGBOM CLAY	Nwokeocha, T. O.	to.nwokeocha@unizik.edu.ng	Nnamdi Azikiwe University Awka	Nigeria
119	Simulation of polymer membranes for hydrogen production using machine learned interatomic forcefield	Joseph Thomas	joseph.d.thomas@northumbria.ac.uk	Northumbria Uni	UK
123	Excellent Reaction Kinetics and Low-Temperature Adaptability of Zinc Batteries Enabled by Water-Acetamide Symbiotic Solvation Sheath	Shuyun Wang	swang228-c@my.cityu.edu.hk	CityU HK	HK
126	Metallated Graphynes: Synthesis, Characterization, and Optical and Catalytic Properties	Linli Xu	linli.xu@polyu.edu.hk	HK PolyU	HK
127	Thin, Stable, and Flexible Lithium Metal Anodes for High-Performance Lithium Metal Batteries	Jiehua CAI	tczheng@polyu.edu.hk	HK PolyU	HK
135	In Situ Constructing Weakly Solvating Polyether Electrolytes with Excellent Interfacial Compatibility for High-Voltage Flexible Quasi-Solid-State Lithium Batteries	Shujing WEN	shujing.wen@connect.polyu.hk	Hong Kong PolyU	HK
137	Advanced Leading Edge Protection System based on Machine Learning and AI	Kaixin Jiang	3190104127@zju.edu.cn	Northumbria Uni	UK
140	Robust, Transparent and Multifunctional Polyurethane Containing Ionic Liquids	Zhenlin Zhang	zhangzl97@ysu.edu.cn	Northumbria Uni	UK
141	Combinational Data-driven Innovation of Ecofriendly Transparent Solar Heat Control Coating for Green Buildings	Weibin ZHANG	wzhangbx@connect.ust.hk	Hong Kong UST	HK
145	Manufacturing Lithium-ion Battery by Electrophoretic Deposition	Zelin Ye	Zelin.Ye@warwick.ac.uk	Warwick Uni	UK
150	Performance Monitoring of Reinforced Concrete Anaerobic Digester Tank using Non-Destructive Test Methods	Irshad Ansari	irshad.ansari@northumbria.ac.uk	Northumbria Uni	UK
151	Enhancement of Hydrogen Evolution Reaction Performance of 3D Pyrolytic Carbon derived from 3D Printing	Nadira Meethale Palakkool	nadira.p@northumbria.ac.uk	Northumbria Uni	UK
152	Enhancement of Hydrogen Evolution Reaction Performance of 3D Pyrolytic Carbon derived from 3D Printing	Tesfay Berhe Gebreegziabher	tesfay.geb@northumbria.ac.uk	Northumbria Uni	UK