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131	PO131	Effect of binders on electrode coating and energy storage performance of NiCo ₂ S ₄ /Ni for asymmetric supercapacitor application	M. Mohamed Ismail, Hsiu-Ying Chung, Hong Zhong Yun, M.Arivanandhan, Chao-Ming Huang, R.Jayavel
132	PO132	Effect of ag substitution on the enhancement of thermoelectric power factor of nanostructured Sn _{1-x} Ag _x Se	Koteeswaran Kalaiarasan, Duraishamy Sidharth, Alagumuthu Selvamani Alagar Nedunchezian, Mukannan Arivanandhan, Hiroya Ikeda, Yasuhiro Hayakawa, Ramasamy Jayavel
133	PO133	Improvement of mechanical properties of peek reinforced with graphene oxide	K. Muruganantham, K. Jayakumar, M. Arivanandhan, K. Pazhanivel
134	PO134	Synthesis and characterization of BaTiO ₃ /TiO ₂ nanostructured materials for dye-sensitized solar cell applications	K.Vijayakumar, N. Yalini Devi, T.Archana, M.Arivanandhan, R.Jayavel
135	PO135	Enhancement of power factor in rare earth substituted strtio ₃ nanomaterials for energy harvesting from waste heat	N.Yalini Devi, K.Vijayakumar, G.Anbalagan, M.Arivanandhan, R.Jayavel
136	PO136	Microwave assisted multi component reaction for the synthesis of novel ethyl 1, 2, 3, 4-tetrahydro-2-oxo-4-allyl-6-phenyl pyrimidine-5-carboxylates catalysed by la2o3 nanopowder under solvent free condition	A. Kuraitheertha Kumaran
137	PO137	Synthesis and characterization of cadmium sulfide (cds) nano thin films prepared by chemical bath deposition method	R. Premarani, S. Saravanakumar, J. Jebaraj Devadasan, R. Chandramohan
138	PO138	Undoped and ni co-doped co:cds nano thin films for ammonia gas sensing applications	S. Saravanakumar, R. Premarani, R. Chandramohan
139	PO139	Synthesis of spinel mnsn ₂ O ₄ nanoparticles via hydrothermal method and its characterizations	A.Deeba,B.Pavithra, P.Vasantharani, G.Sivakumar
140	PO140	Electrical behavior of Gd ³⁺ doped TiO ₂ nanoparticles	J. Parameshwari

141	PO141	Structural and optical properties of pure and Mn doped SnO ₂ nanoparticles synthesised by chemical precipitation method	S. Abirami, G. Viruthagiri
142	PO142	Structure determination and anti bacterial studies of N, N'-Dibenzyl aniline	T. Ravishankar, J. Balaji
143	PO143	Green synthesis of silver nanoparticles using leaf extract of mint study of its antibacterial activity	S. Mohanaparameswari, M. Balachandramohan, R. Asha
144	PO144	Analysis of insulating fire bricks from mixtures of clays with sawdust addition	G. Viruthagiri, N. Shanmugam, K. Ponnarasi, M. Indhumathi
145	PO145	Estimation of heavy metal in sediments from Uppanar Estuary, SIPCOT, Cuddalore	R. Rajasekaran, R. Mohanambal
146	PO146	Green synthesis of silver nanoparticles using abutilon indicum leaf extract and their antibacterial activity	K. Anandalakshmi
147	PO147	Ultrasonic studies on some carbohydrates in aqueous calcium chloride at different temperatures	U. Gnanasheela, P. Mahendiran
148	PO148	Differential pulse stripping analysis of soil sample in Neyveli region using modified glassy carbon electrode	T. Rani, D. Kanagavel, C. Vedhi
149	PO149	Study of PV power enhancement on the performance of solar cooker	M. Ranjitha, S. Ganesh, S. Arumugam
150	PO150	Synthesis and characterization of manganese ferrite nanoparticles via co-precipitation method	A. Loganathan, A. Anitha
151	PO151	Optical and mechanical properties of manganese borate glasses	P. Chinnababu, K. Ramesh
152	PO152	Investigations to reveal the nature of interactions of human hemoglobin with Curcumin	S. Bakkialakshmi, S. Chithra
153	PO153	Spectroscopic study on the interaction of Eugenol with a flavonoid	S. Bakkialakshmi, S. Pushpa
154	PO154	Effectiveness of Statistical Tools in Analyzing Research Trails in Ensuring Conclusive Results in Agricultural Research	G. Sivakumar
155	PO155	Synthesis and characterization of mgo film prepared by spray pyrolysis technique using perfume atomizer	S. Visweswaran, R. Venkatachalapathy, M. Haris, R. Murugesan
156	PO156	Synthesis and characterization of pure and doped MgO thin films	R. Murugesan, M. Haris, S. Visweswaran, V. Keerthi
157	PO157	Growth and characterization of pure and La ³⁺ doped L - arginine acetate crystals	A. Senthamizhan, T. Panchatsaram
158	PO158	Analytical investigation of archaeological pottery fragments excavated from Porunthal, Tamilnadu, India	G. Raja Annamalai, P. Mahalakshmi, R. Ravisankar
159	PO159	Synthesis and characterization of CdO/CeO ₂ nanocomposite for photocatalytic applications	S. Senthil, S. Srinivasan, T. Thangeeswari, V. Ratchagar
160	PO160	Synthesis and characterisation of silver nanoparticles using ocimum basilicum leaf extract and antibacterial activity in green synthesis methods	J. Venugobal
161	PO161	Design and development of ZnCdO/rGO nanocomposites as efficient electrode materials for supercapacitors application	R. Sankar, P. Anandan, M. Arivanandhan, R. Jayavel, D. Mani, D. Mathivanan
162	PO162	Effect of bismuth on the structural and optical properties of zinc titanate nano structures	V. Selvakumar, A. S. Alagar Nedunchezian, P. Anandan, M. Arivanandhan, R. Jayavel
163	PO163	Synthesis, Characterization, Molecular Docking Studies, Pharmacokinetic Properties, Dna Topoisomerase Inhibition and Antibacterial Activity of 3-(4-(Tetrazole-1-Yl)Phenyl)-1,5-Diphenyl-1H-Pyrazole Derivatives	J. Dhevaraj, V. Ramya, C. Jayakodi,

			M. Gopalakrishnan and S. Pazhamalai
164	PO164	Electrochemical properties of Zn-CdS thin films	T. Sivanesan, P. Elangovan
165	PO165	High performance near ultraviolet emitter based on phenanthroimidazole via substitutions at C6- and C9-positions	Jayaraman Jayabharathi, Sekar Sivaraj, Venugopal Thanikachalam, Mageswaran Vijayasri
166	PO166	Constructing donor-acceptor molecules using nonsymmetrical connection strategy for efficient organic emitting diodes	Jayaraman Jayabharathi, Jagathratchagan Anudeebhana, Venugopal Thanikachalam, Sekar Mathi, Shanmugam Thilagavathy
167	PO167	Synthesis and characterizations of zn doped SnO ₂ :TiO ₂ for gas sensor applications	P. S. Ramesh, D. Geetha, V. Vidhya
168	PO168	Design and analysis of an excavator bucket	K. C. Boobalan, E. Loganadhan, K. Pazhanivel
169	PO169	Design and analysis of car crash element	E. Arunkumar, V. Porselvan, K. Pazhanivel
170	PO170	CFD simulation of car HVAC pannel aiming study with different blower speed	A. Jafarullah, M. Arul, K. Pazhanivel
171	PO171	Characterization of wire EDM of forged components	K. Rajesh Kumar, G. Saravanan, K. Pazhanivel
172	PO172	Design optimization of Engine Exhaust manifold (Convergnr Type)	M. Stalin, K. Pazhanivel
173	PO173	Design and evolution of characteristic properties of automotive wheel spoke by using aluminum alloy material	U. Arun kumar, K. Pazhanivel
174	PO174	Occupational heat stress assessment and defending strategies within the environment and global climate change	V. Sumathy
175	PO175	Synthesis and characterzation of ctab capped praseodymium oxide nanoparticles	M. Anto Milet Xavier, P. Elangovan
176	PO176	Synthesis and characterizaion of MnWO ₃ nanocomposites	K. Kathiresan, P. Elangovan
177	PO177	A study on zinc blende GaN/Al _x Ga _{1-x} N parabolic quantum dot	B. Seenuvasan, P. Elangovan
178	PO178	Optical properties of exciton in a strained ZnO/Zn _{1-x} Mg _x O quantum well	D. Sivaranjani, P. Elangovan
179	PO179	Synthesis and characterization of copper doped TiO ₂	L. Stanly Kennin Xavier, P. Elangovan
180	PO180	Analysis of thermal, dynamic and mechanical properties of hybrid sisal /hemp fiber reinforced epoxy bio-composites	P. Vijayakumar, K. Pazhanivel, V.Elango, P.Aravinthkumar, P.Aruldhass
181	PO181	Enhanced magnetic properties of La and Ga co-doped BiFeO ₃ nanoparticles	R. Rajkumar, G. Anbalagan, M. Arivanandhan, U. Devarajan, C. Venkateswaran
182	PO182	Synthesis and characterization of Zn _{1-x} Y _x O nanostructured thermoelectric material	M. Ramesh, V. Natarajan, T. M. V. Muruguthiruvalluvan, L. Pari, A. S. Alagar Nedunchezian, P. Anandan, M. Arivanandhan
183	PO183	Synthesis of zinc titanate thermoelectric nanocrystals and their characterization	T.M.V.Muruguthiruvalluvan, V.Natarajan, M.Ramesh, S.Pari, P. Chandrasekaran P.Anandan, M.Arivanandhan

184	PO184	Facile synthesis of nickel tungsten sulphides/graphene composites as efficient electrode materials for supercapacitors application	D. Mani, M. Arivanandhan, R. Jayavel, E. Elangovan, K. Sakthivel, D. Mathivanan
185	PO185	Biomolecules – futuristic nano material	G.M. Alagu Lakshmanan
186	PO186	Influence of nitrogen control on the coupling system of winery wastewater and microalgae cultivation	P.V. Sivakumar
187	PO187	Anti-bacterial activity and hemolytic assay of nanohydroxyapatite derived from bio-waste shell by chemical precipitation method	C. Suresh Kumar, K. Dhanaraj, M. Harirajan, R.M. Vimalathithan, G. Suresh
188	PO188	MOF characterization of transition mixed oxides for super capacitor applications	A.Rajkumar, K. Veeramuthu
189	PO189	Growth and characterization of l-histidine perchlorate single crystals for nlo applications	H. Nalini, D. Manivannan, V. Charles Vincent, R. Sangeetha, K. Kirubavathi, K. Selvaraju
190	PO190	Crystal growth, structural and optical properties of 4-hydroxy l-proline cadmium chloride crystals for optical applications	V. Charles Vincent, H. Nalini, R. Sangeetha, K. Kirubavathi, K. Selvaraju
191	PO191	Growth kinetics and thermodynamic properties of pyridine-2-carboxylic acid crystals	N. Manopradha, S. Rama, S. Gowri, K. Selvaraju, K. Kirubavathi
192	PO192	Crystal growth, structural, optical, third order nlo on bis(nicotinic acid) hydrogen perchlorate	V. Charles Vincent, G. Bakiyaraj, K. Kirubavathi, Tejaswi Ashok Hegde, G. Vinitha, K. Selvaraju
193	PO193	Biogenic synthesis of zno nanoparticles using leaf extract from lemon grass (cymbopogon citratus) doped with copper sulfate	S.Renuka and V.Vanmathi
194	PO194	Preparation of copper zinc sulfide (Cu-ZnS) on graphene oxide nano hybrid composites for organic solar cell application	V. Menaka, D. Geetha, P.S. Ramesh
195	PO195	Synthesis of In-CuS nanocomposite as hole transport material for perovskite-based solar cell	K. Lilly Mary, D. Geetha, P. S. Ramesh