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PUBLICATIONS:

SL. NO	TITLE	YEAR
1.	Characterization of <i>Musa paradisiaca</i> L. Cellulosic Natural Fibers from Agro-discarded Blossom Petal Waste R Prithivirajan, P Narayanasamy, NA Al-Dhabi, P Balasundar, ... Journal of Natural Fibers 17 (11), 1640-1653	2020
2.	Characterization of a novel natural cellulosic fiber from <i>Calotropis gigantea</i> fruit bunch for ecofriendly polymer composites P Narayanasamy, P Balasundar, S Senthil, MR Sanjay, S Siengchin, ... International Journal of Biological Macromolecules 150, 793-801	2020
3.	Colloidal release in high temperature porous media with oversaturated fines during supercritical CO ₂ transport B Kanimozhi, S Mahalingam, V Pranesh, R Kesavakumar, S Senthil, ... Journal of Petroleum Science and Engineering, 107345	2020
4.	Adiabatic behavior of gas wells due to natural reservoir fines migration: analytical model and CFD study S Senthil, S Mahalingam, S Ravikumar, V Pranesh Journal of Petroleum Exploration and Production Technology 9 (4), 2863-2876	2019
5.	A New Natural Cellulosic Pigeon Pea (<i>Cajanus cajan</i>) Pod Fiber Characterization for Bio-degradable Polymeric Composites R Shyam Kumar, P Balasundar, NA Al-Dhabi, R Prithivirajan, ... Journal of Natural Fibers, 1-11	2019
6.	Physico-chemical study of pistachio (<i>Pistacia vera</i>) nutshell particles as a bio-filler for eco-friendly composites P Balasundar, P Narayanasamy, S Senthil, NA Al-Dhabi, R Prithivirajan, ... Materials Research Express 6 (10), 105339	2019
7.	Kaolinite fines colloidal flow in high temperature porous carbonate media during saline water injection B Kanimozhi, V Thamizhmani, V Pranesh, S Senthil, TA Selvakumar Journal of Petroleum Science and Engineering 175, 775-784	2019
8.	Extraction and Characterization of New Natural Cellulosic <i>Chloris barbata</i> Fiber P Balasundar, P Narayanasamy, P Senthamaraikannan, S Senthil, ... Journal of Natural Fibers 15 (3), 436-444	2018

SL. NO	TITLE	YEAR
9.	Comparison of DEA frontier and ranking in performance assessment and optimisation of jatropha and fish oil biodiesel blend in CI engine V Pranesh, B Rakesh, S Mahalingam, S Senthil, R Kashyap Australian Journal of Mechanical Engineering, 1-15	2018
10.	Characterization and properties of natural fiber polymer composites: A comprehensive review MR Sanjay, P Madhu, M Jawaid, P Sentharamaikkannan, S Senthil, ... Journal of Cleaner Production 172, 566-581	2018
11.	Analysis and prioritisation of risks in a reverse logistics network using hybrid multi-criteria decision making methods S Senthil, K Murugananthan, A Ramesh Journal of Cleaner Production	2018
12.	Economic Snake Robot for surveillance in unreachable areas MMI S.Senthil ,K.P.Naveen Balaji,D.Satheesh Kumar International Journal of Advance Research in Science and Engineering 5 (10 ...	2016
13.	EXPERIMENTAL INVESTIGATION OF USAGE OF ALTERNATIVE FUELS IN TWO STROKE PETROL ENGINE V Ragavandham, S Senthil, T Shriraman International Journal of Applied Engineering Research 10 (55(Special)), 3600 ...	2015
14.	An Innovative Design of Automatic Match Box Filling Machine T Shriraman, S Senthil, V Ragavanadnam International Journal of Applied Engineering Research 10 (55 Special), 3882-3887	2015
15.	An Innovative Design of Moving Railway Platform P Lakshmi Narayanan, S Senthil, D Aruldass James, S Manipandi International Journal of Applied Engineering Research 10 (50), 838-842	2015
16.	Analysis And Selection Of Reverse Logistics Network Design Using Hybrid Multi-Criteria Decision Making Method S Senthil, R Sridharan, B Srirangacharyulu, A Ramesh International Journal of Applied Engineering Research 10 (4), 9799-9809	2015
17.	Stamping Layout Evaluation using Multi-Criteria Decision Analysis S Senthil, VM Gokulnath Advances in Natural and Applied Sciences 9 (6), 689-693	2015