

## Documents

Export Date: 17 Feb 2022

Search: AF-ID("PSG Institute of Technology and Applied Research" 601...

- 1) Rajkumar, R., Magesh Kumaran, M., Mathan Prasath, R.K., Senthilshanmugavelayutham, S.P.  
[Agro-Climatic Zonation for Tamil Nadu Using GIS and AHP Techniques](#)  
(2020) IOP Conference Series: Materials Science and Engineering, 1006 (1), art. no. 012015, . Cited  
1 time.

- 1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099251449&doi=10.1088%2f1757-899X%2f1006%2f1%2f012015&par>  
DOI: 10.1088/1757-899X/1006/1/012015

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 2) Navin Ganesh, V., Sachin, E., Ravikumar, R., Sanjay Kumar, S., Vijayakumar, S.  
[Site Suitability Assessment for Neelambur Panchayat using GIS and AHP Techniques](#)  
(2020) IOP Conference Series: Materials Science and Engineering, 1006 (1), art. no. 012004, .

- 2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099192006&doi=10.1088%2f1757-899X%2f1006%2f1%2f012004&par>  
DOI: 10.1088/1757-899X/1006/1/012004

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 3) Ramesh, R., Prasanth, A.S., Krishna, R., Koushiksundaram, K., Mozhiselvan, R.A., Roy, A.  
[Experimental and numerical analysis of compression behaviour of 3D printed metal foams](#)  
(2020) Journal of Physics: Conference Series, 1706 (1), art. no. 012213, .

- 3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098509433&doi=10.1088%2f1742-6596%2f1706%2f1%2f012213&par>  
DOI: 10.1088/1742-6596/1706/1/012213

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 4) Zhang, K., Sun, P., Zhang, Y., Muruganathan, M., Ammasai, K., Zhang, Y.  
[Enhancement of S\(IV\)-Cr\(VI\) reaction in p-nitrophenol degradation using rice husk biochar at neutral](#)

## conditions

(2020) Science of the Total Environment, 749, art. no. 142086, . Cited 3 times.

- 4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091248560&doi=10.1016%2fj.scitotenv.2020.142086&partnerID=40&md5=14311111111111111111111111111111>  
DOI: 10.1016/j.scitotenv.2020.142086

Document Type: Article

Publication Stage: Final

Source: Scopus

- 5) Suresh Babu, B., Maniratnam, A.S., Balaji, T., Chandramohan, G., Ambedkar, T., Arunvarman, B., Hari Prasath, A., Hari Venkatesh, R.

### [Investigations of the effect of the tool rotational speed on friction stir welded joint on aluminium metal matrix hybrid composite](#)

(2020) IOP Conference Series: Materials Science and Engineering, 988 (1), art. no. 012045, .

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098571870&doi=10.1088%2f1757-899X%2f988%2f1%2f012045&partnerID=40&md5=14311111111111111111111111111111>  
DOI: 10.1088/1757-899X/988/1/012045

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 6) Santhanamari, G., Premi, J., Rahavi, S., Sai Iswarya, M., Vijay, S.

### [Health Monitoring of Soldiers Using Efficient Manet Protocol](#)

(2020) 2020 IEEE Recent Advances in Intelligent Computational Systems, RAICS 2020, art. no. 9332510, pp. 57-62.

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101438123&doi=10.1109%2fRAICS51191.2020.9332510&partnerID=40&md5=14311111111111111111111111111111>  
DOI: 10.1109/RAICS51191.2020.9332510

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 7) Santhana, V., Greenidge, D.C., Thangaraju, D., Marnadu, R., Alshahrani, T., Shkir, M.

### [Synthesis and emission characteristics of lead-free novel Cs<sub>4</sub>SnBr<sub>6</sub>/SiO<sub>2</sub> nanocomposite](#)

(2020) Materials Letters, 280, art. no. 128562, . Cited 3 times.

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089957490&doi=10.1016%2fj.matlet.2020.128562&partnerID=40&md5=14311111111111111111111111111111>  
DOI: 10.1016/j.matlet.2020.128562

Document Type: Article

Publication Stage: Final

Source: Scopus

- 8) Siva Prakash, R., Mahendran, C., Chandrasekaran, J., Marnadu, R., Maruthamuthu, S.  
[Impact of Substrate Temperature on the Properties of Rare-Earth Cerium Oxide Thin Films and Electrical Performance of p-Si/n-CeO<sub>2</sub> Junction Diode](#)  
(2020) Journal of Inorganic and Organometallic Polymers and Materials, 30 (12), pp. 5193-5208.

Cited 4 times.

- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088319878&doi=10.1007%2fs10904-020-01667-7&partnerID=40&md5=10.1007/s10904-020-01667-7>  
DOI: 10.1007/s10904-020-01667-7

Document Type: Article

Publication Stage: Final

Source: Scopus

- 9) Ganesan, Y., Sakthivel, K., Murugan, V., Duraisamy, S.  
[Research Analysis of Paper Sludge and Paper Ash Bricks](#)  
(2020) IOP Conference Series: Materials Science and Engineering, 955 (1), art. no. 012057, .

- 9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097152873&doi=10.1088%2f1757-899X%2f955%2f1%2f012057&partnerID=40&md5=10.1088/1757-899X/955/1/012057>  
DOI: 10.1088/1757-899X/955/1/012057

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 10) Gunapriya, B., Pavithra, C.V., Divya, R., Mathankumar, M., Karthikeyan, P.  
[An improved intelligent controller for brushless dc motor drive based electric vehicles](#)  
(2020) Journal of Green Engineering, 10 (11), pp. 11943-11957. Cited 3 times.

- 10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098448263&partnerID=40&md5=e922a852d786f0c0fed763c91e8d1b11>

Document Type: Article

Publication Stage: Final

Source: Scopus

- 11) Sudarshan, C., Jayakumar, S., Vaideki, K., Sudakar, C.  
[Te-rich Bi<sub>2</sub>Te<sub>3</sub> thin films by electron-beam deposition: Structural, electrical, optical and thermoelectric properties](#)  
(2020) Thin Solid Films, 713, art. no. 138355, . Cited 1 time.

- 11) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091747690&doi=10.1016%2fj.tsf.2020.138355&partnerID=40&md5=c0101616j.tsf.2020.138355>  
DOI: 10.1016/j.tsf.2020.138355

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 12) Balasubramani, V., Chandrasekaran, J., Nguyen, T.D., Maruthamuthu, S., Marnadu, R., Vivek, P., Sugarthi, S.  
[Colossal photosensitive boost in Schottky diode behaviour with Ce-V2O5 interfaced layer of MIS structure](#)  
(2020) Sensors and Actuators, A: Physical, 315, art. no. 112333, . Cited 17 times.

- 12) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091646888&doi=10.1016%2fj.sna.2020.112333&partnerID=40&md5=f>  
DOI: 10.1016/j.sna.2020.112333

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 13) Prabunathan, P., Elumalai, P., Dinesh Kumar, G., Manoj, M., Hariharan, A., Rathika, G., Alagar, M.  
[Antiwetting and low-surface-energy behavior of cardanol-based polybenzoxazine-coated cotton fabrics for oil–water separation](#)  
(2020) Journal of Coatings Technology and Research, 17 (6), pp. 1455-1469. Cited 7 times.

- 13) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087722840&doi=10.1007%2fs11998-020-00365-w&partnerID=40&md5=f>  
DOI: 10.1007/s11998-020-00365-w

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 14) Avinash Kumar, R., Kavitha, M., Manoj Kumar, P., Sriman Adhithya, S.  
[Effect of channel shapes on fluid flow and heat transfer in microchannel-A numerical study](#)  
(2020) AIP Conference Proceedings, 2283, art. no. 020011, .

- 14) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096405107&doi=10.1063%2f5.0024961&partnerID=40&md5=1ee75bf>  
DOI: 10.1063/5.0024961

Document Type: Conference Paper  
Publication Stage: Final  
Source: Scopus

- 15) Karthikeyan, I., Dhinakaran, V., Rajkumar, V.  
[Evaluation of mechanical properties of aluminium 6063-Borosilicate reinforced metal matrix composite](#)  
(2020) AIP Conference Proceedings, 2283, art. no. 020031, . Cited 1 time.

15)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096378869&doi=10.1063%2f5.0025114&partnerID=40&md5=cb1e81f>

DOI: 10.1063/5.0025114

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 16) Dhandapani, N.V., Dhinakaran, V., Krishnakumar, K., Rajkumar, V.  
[Transient thermal finite element simulation of moving gas tungsten arc welding on AISI 4340 aeronautical steel](#)  
(2020) AIP Conference Proceedings, 2283, art. no. 020108, . Cited 1 time.

- 16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096375590&doi=10.1063%2f5.0025111&partnerID=40&md5=7d7ecd8>  
DOI: 10.1063/5.0025111

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 17) Satheeshkumar, E., Prabunathan, P., Anbarasi, P., Ilango, K., Manohar, P.  
[Temperature dependent electrical properties of YSZ synthesized through microwave combustion](#)  
(2020) Applied Physics A: Materials Science and Processing, 126 (10), art. no. 780, . Cited 2 times.

- 17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090840864&doi=10.1007%2fs00339-020-03893-9&partnerID=40&md5>  
DOI: 10.1007/s00339-020-03893-9

Document Type: Article

Publication Stage: Final

Source: Scopus

- 18) Chen, T., Wang, X., Peng, C., Chen, G., Yuan, C., Xu, Y., Zeng, B., Luo, W., Balaji, K., Petri, D.F.S., Dai, L.  
[Efficient Flame Retardancy, Smoke Suppression, and Mechanical Enhancement of  \$\beta\$ -FeOOH@Metallo-Supramolecular Polymer Core-Shell Nanorod Modified Epoxy Resin](#)  
(2020) Macromolecular Materials and Engineering, 305 (10), art. no. 2000137, . Cited 5 times.

- 18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088870035&doi=10.1002%2fmame.202000137&partnerID=40&md5=0>  
DOI: 10.1002/mame.202000137

Document Type: Article

Publication Stage: Final

Source: Scopus

- 19) Kajana, T., Velauthapillai, D., Shivatharsiny, Y., Ravirajan, P., Yuvapragasam, A., Senthilnathanan,

M.

**Structural and photoelectrochemical characterization of heterostructured carbon sheet/Ag<sub>2</sub>MoO<sub>4</sub>-SnS/Pt photocapacitor**

(2020) Journal of Photochemistry and Photobiology A: Chemistry, 401, art. no. 112784, . Cited 6

times.

- 19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088256168&doi=10.1016%2fj.jphotochem.2020.112784&partnerID=40>  
DOI: 10.1016/j.jphotochem.2020.112784

Document Type: Article

Publication Stage: Final

Source: Scopus

- 20) Pichaimani, P., Arumugam, H., Gopalakrishnan, D., Krishnasam, B., Muthukaruppan, A.  
**Partially Exfoliated  $\alpha$ -ZrP Reinforced Unsaturated Polyester Nanocomposites by Simultaneous Co-polymerization and Brønsted Acid–Base Strategy**

(2020) Journal of Inorganic and Organometallic Polymers and Materials, 30 (10), pp. 4095-4105.

Cited 2 times.

- 20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084235019&doi=10.1007%2fs10904-020-01558-x&partnerID=40&md5>  
DOI: 10.1007/s10904-020-01558-x

Document Type: Article

Publication Stage: Final

Source: Scopus

- 21) Vadivel, M., Kumar, M.S.C., Mohaideen, J.A., Alagar, M., Sankarganesh, M., Raja, J.D.  
**Hybrid siliconized–epoxidized EPDM/polyurethane (eEPDM-g-APTES/HTPDMS/PU) matrices for potential application in cable insulation**

(2020) Polymers and Polymer Composites, 28 (8-9), pp. 589-597. Cited 2 times.

- 21) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077143948&doi=10.1177%2f0967391119894169&partnerID=40&md5>  
DOI: 10.1177/0967391119894169

Document Type: Article

Publication Stage: Final

Source: Scopus

- 22) Rajkumar, R., Elangovan, K.

**Impact of urbanisation on formation of urban heat island in Tirupur region using geospatial technique**

(2020) Indian Journal of Geo-Marine Sciences, 49 (9), pp. 1593-1598.

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096472394&partnerID=40&md5=7771354fb72309870a41e50dbdae5c>

Document Type: Review

Publication Stage: Final

Source: Scopus

- 23) Reba, P., Nanthakumar, J., Jaisri, A., Shunmuga Bhagya Shri, T., Swathi, S.

[Generalized Quadrature Spatial Modulation aided Millimetre Wave MIMO](#)

(2020) 2020 IEEE 3rd 5G World Forum, 5GWF 2020 - Conference Proceedings, art. no. 9221502, pp.

559-564.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095796821&doi=10.1109%2f5GWF49715.2020.9221502&partnerID=4>

DOI: 10.1109/5GWF49715.2020.9221502

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 24) Thivaharan, S., Srivatsun, G., Sarathambekai, S.

[A Survey on Python Libraries Used for Social Media Content Scraping](#)

(2020) Proceedings - International Conference on Smart Electronics and Communication, ICOSEC

2020, art. no. 9215357, pp. 361-366. Cited 1 time.

- 24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094182603&doi=10.1109%2fICOSEC49089.2020.9215357&partnerID=4>

DOI: 10.1109/ICOSEC49089.2020.9215357

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 25) Prasanth, A.S., Ramesh, R., Kavinesh Sankaar, T.S.

[Ballistic testing and simulation of co-continuous ceramic composite for body armour](#)

(2020) International Journal of Engineering Transactions C: Aspects, 33 (9), pp. 1792-1796.

- 25) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091628978&doi=10.5829%2fije.2020.33.09c.13&partnerID=40&md5=1>

DOI: 10.5829/ije.2020.33.09c.13

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 26) Gunasekaran, S., Thangaraju, D., Marnadu, R., Chandrasekaran, J., Alshahrani, T., Shkir, M.,

Durairajan, A., Graça, M.P.F., Elango, M.

[Fabrication of high-performance SiO<sub>2</sub>@p-CuO/n-Si core-shell structure based photosensitive diode for photodetection application](#)

(2020) Surfaces and Interfaces, 20, art. no. 100622, . Cited 13 times.

- 26) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089212228&doi=10.1016%2fj.surfin.2020.100622&partnerID=40&md5>  
DOI: 10.1016/j.surfin.2020.100622

Document Type: Article

Publication Stage: Final

Source: Scopus

- 27) Dinesh Kumar, G., Prabunathan, P., Manoj, M., Hariharan, A., Alagar, M.

[Fluorine Free Bio-Based Polybenzoxazine Coated Substrates for Oil-Water Separation and Anti-Icing Applications](#)

(2020) Journal of Polymers and the Environment, 28 (9), pp. 2444-2456. Cited 4 times.

- 27) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086320249&doi=10.1007%2fs10924-020-01782-z&partnerID=40&md5>  
DOI: 10.1007/s10924-020-01782-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 28) Kumaravel, A., Muruganathan, M., Mangalam, R., Jayakumar, S.

[A novel, biocompatible and electrocatalytic stearic acid/nanosilver modified glassy carbon electrode for the sensing of paraoxon pesticide in food samples and commercial formulations](#)

(2020) Food Chemistry, 323, art. no. 126814, . Cited 11 times.

- 28) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083506093&doi=10.1016%2fj.foodchem.2020.126814&partnerID=40&md5>  
DOI: 10.1016/j.foodchem.2020.126814

Document Type: Article

Publication Stage: Final

Source: Scopus

- 29) Mohamed Ismail, A.A., Kannadasan, K., Pichaimani, P., Arumugam, H., Muthukaruppan, A.

[Synthesis and characterisation of sodium silicate from spent foundry sand: Effective route for waste utilisation](#)

(2020) Journal of Cleaner Production, 264, art. no. 121689, . Cited 5 times.

- 29) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083734555&doi=10.1016%2fj.jclepro.2020.121689&partnerID=40&md5>  
DOI: 10.1016/j.jclepro.2020.121689

Document Type: Article

Publication Stage: Final

Source: Scopus



- 30) Kurinchyselvan, S., Chandramohan, A., Hariharan, A., Gomathipriya, P., Alagar, M.  
[Cardanol-based benzoxazine-terminated graphene oxide-reinforced fluorinated benzoxazine hybrid composites for low K applications](#)  
(2020) Composite Interfaces, 27 (8), pp. 737-751. Cited 4 times.

30) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075743653&doi=10.1080%2f09276440.2019.1697132&partnerID=40&DOI=10.1080/09276440.2019.1697132>

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 31) Shanthini, M., Vidya, G., Arun, R.  
[IoT enhanced smart door locking system](#)  
(2020) Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020, art. no. 9214288, pp. 92-96. Cited 3 times.

31) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094869697&doi=10.1109%2fICSSIT48917.2020.9214288&partnerID=40&DOI=10.1109/ICSSIT48917.2020.9214288>

Document Type: Conference Paper  
Publication Stage: Final  
Source: Scopus

- 32) Madhavan, B., Kamerish, A., Manimegalai, R.  
[ATGP\\_RISC-V: Automation of test generator using pluggy for RISC-V architecture](#)  
(2020) Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020, art. no. 9214255, pp. 484-491.

32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094855655&doi=10.1109%2fICSSIT48917.2020.9214255&partnerID=40&DOI=10.1109/ICSSIT48917.2020.9214255>

Document Type: Conference Paper  
Publication Stage: Final  
Source: Scopus

- 33) Bavithra, K., Charles Raja, S., Anadhakumar, K., Latha, R.  
[Parameter optimisation of FACTS using cuckoo search algorithm for ATC enhancement in restructured power systems](#)  
(2020) International Energy Journal, 20, pp. 247-254.

33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092057943&partnerID=40&md5=28c4ea4057ad9f4a8720074e378386>  
Document Type: Article  
Publication Stage: Final

Source: Scopus

- 34) Vishnuvardhan, K., Gowtham, R., Navin Ganesh, V., Rajkumar, R.  
[Planning of sustainable pedestrian facilities for CBD areas of Coimbatore city](#)  
(2020) Journal of Green Engineering, 10 (7), pp. 4216-4226.
- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090679792&partnerID=40&md5=e54fc6632d473b71f0092ed1eaa2226>  
Document Type: Article  
Publication Stage: Final  
Source: Scopus
- 35) Hariharan, A., Prabunathan, P., Manoj, M., Alagar, M.  
[Studies on heterocyclic amines based cardanol-benzoxazine for oil-water separation](#)  
(2020) Polymer Engineering and Science, 60 (7), pp. 1494-1506. Cited 9 times.
- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083845706&doi=10.1002%2fpen.25396&partnerID=40&md5=b3203ce>  
DOI: 10.1002/pen.25396  
Document Type: Article  
Publication Stage: Final  
Source: Scopus
- 36) Manoj, M., Kumaravel, A., Mangalam, R., Prabunathan, P., Hariharan, A., Alagar, M.  
[Exploration of high corrosion resistance property of less hazardous pyrazolidine-based benzoxazines in comparison with bisphenol-F derivatives](#)  
(2020) Journal of Coatings Technology and Research, 17 (4), pp. 921-935. Cited 3 times.
- 36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079150331&doi=10.1007%2fs11998-019-00312-4&partnerID=40&md5>  
DOI: 10.1007/s11998-019-00312-4  
Document Type: Article  
Publication Stage: Final  
Source: Scopus
- 37) Santhana, V., Thangaraju, D., Tanaka, A., Inami, W., JayaKumar, S., Matsuda, S.  
[Development of Hybrid TiO<sub>2</sub>/Paint Sludge Extracted Microbe Composite for Enhanced Photocatalytic Dye Degradation](#)  
(2020) Journal of Inorganic and Organometallic Polymers and Materials, 30 (7), pp. 2805-2813. Cited 5 times.
- 37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078151085&doi=10.1007%2fs10904-020-01448-2&partnerID=40&md5>  
DOI: 10.1007/s10904-020-01448-2  
Document Type: Article

Publication Stage: Final

Source: Scopus

- 38) Pillaiyar, T., Meenakshisundaram, S., Manickam, M., Sankaranarayanan, M.

[A medicinal chemistry perspective of drug repositioning: Recent advances and challenges in drug discovery](#)

(2020) European Journal of Medicinal Chemistry, 195, art. no. 112275, . Cited 22 times.

- 38) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082864293&doi=10.1016%2fj.ejmech.2020.112275&partnerID=40&mo>  
DOI: 10.1016/j.ejmech.2020.112275

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 39) Hariharan, A., Prabunathan, P., Kumaravel, A., Manoj, M., Alagar, M.

[Bio-based polybenzoxazine composites for oil-water separation, sound absorption and corrosion resistance applications](#)

(2020) Polymer Testing, 86, art. no. 106443, . Cited 19 times.

- 39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081120004&doi=10.1016%2fj.polymertesting.2020.106443&partnerID=40&mo>  
DOI: 10.1016/j.polymertesting.2020.106443

Document Type: Article

Publication Stage: Final

Source: Scopus

- 40) Ambika, S., Devasena, M., Nambi, I.M.

[Single-step removal of Hexavalent chromium and phenol using meso zerovalent iron](#)

(2020) Chemosphere, 248, art. no. 125912, . Cited 5 times.

- 40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078408506&doi=10.1016%2fj.chemosphere.2020.125912&partnerID=40&mo>  
DOI: 10.1016/j.chemosphere.2020.125912

Document Type: Article

Publication Stage: Final

Source: Scopus

- 41) Selvaraj, V., Raghavarshini, T.R., Alagar, M.

[Evaluation of thermo-mechanical, dielectric and corrosion resistant properties of cardanol benzoxazine-epoxy based hybrid composites: A very low temperature curing pre-polymer for high performance paint related applications](#)

(2020) High Performance Polymers, 32 (5), pp. 524-539. Cited 4 times.

- 41)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075142754&doi=10.1177%2f0954008319885006&partnerID=40&md5=...>  
DOI: 10.1177/0954008319885006

Document Type: Article

Publication Stage: Final

Source: Scopus

- 42) Krishnasamy, B., Shanmugaraj, B.P., Murugavel, S.C., Dai, L., Petri, D.F.S.  
[Investigation on dual functional epoxy resins containing photosensitive group in the main chain for photoresist applications](#)

(2020) International Journal of Polymer Analysis and Characterization, 25 (4), pp. 198-215. Cited 2 times.

- 42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087478463&doi=10.1080%2f1023666X.2020.1780849&partnerID=40&md5=...>  
DOI: 10.1080/1023666X.2020.1780849

Document Type: Article

Publication Stage: Final

Source: Scopus

- 43) Athianna Muthusamy, Balaji, K., Murugavel, S.C., Yuan, C., Dai, L.  
[Synthesis and Characterization of Liquid Crystalline Polyesters Containing  \$\alpha,\beta\$ -unsaturated Ketone Moiety in the Main Chain Derived from 2,6-bis\(4-hydroxybenzylidene\)cyclohexanone](#)

(2020) Polymer Science - Series B, 62 (3), pp. 245-255. Cited 3 times.

- 43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082928703&doi=10.1134%2fS1560090420030112&partnerID=40&md5=...>  
DOI: 10.1134/S1560090420030112

Document Type: Article

Publication Stage: Final

Source: Scopus

- 44) Vaithilingam, S., ThangavelRavivarman, R., Muthukaruppan, A.  
[Development of cashew nut shell carbon reinforced thiourea based biophenolic benzoxazine-epoxy composites: High performance biobased coating materials](#)

(2020) Polymer Composites, 41 (5), pp. 1950-1961. Cited 5 times.

- 44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078738364&doi=10.1002%2fpc.25510&partnerID=40&md5=a8f02cc6c...>  
DOI: 10.1002/pc.25510

Document Type: Article

Publication Stage: Final

Source: Scopus

- 45) Nanthakumar, S., Rajenthirakumar, D., Avinashkumar, S.  
[Influence of temperature on deformation behavior of copper during microextrusion process](#)  
(2020) Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 234 (9), pp. 1797-1808. Cited 1 time.  
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077600778&doi=10.1177%2f0954406219899114&partnerID=40&md5=10.1177/0954406219899114>  
DOI: 10.1177/0954406219899114
- Document Type: Article  
Publication Stage: Final  
Source: Scopus
- 46) Abhiram, N., Thangaraju, D., Marnadu, R., Santhana, V., Chandrasekaran, J., Gunasekaran, S., Alshahrani, T., Ali, H.E., Shkir, M., Devi, N.S.M.P.L.  
[Fabrication of NiS decorated hollow SnS nano-belts based photodiode for enhanced optoelectronic applications](#)  
(2020) Journal of Nanoparticle Research, 23 (4), art. no. 83, . Cited 3 times.  
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103841754&doi=10.1007%2fs11051-021-05185-6&partnerID=40&md5=10.1007/s11051-021-05185-6>  
DOI: 10.1007/s11051-021-05185-6
- Document Type: Article  
Publication Stage: Final  
Source: Scopus
- 47) Pillaiyar, T., Meenakshisundaram, S., Manickam, M.  
[Recent discovery and development of inhibitors targeting coronaviruses](#)  
(2020) Drug Discovery Today, 25 (4), pp. 668-688. Cited 181 times.  
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079904000&doi=10.1016%2fj.drudis.2020.01.015&partnerID=40&md5=10.1016/j.drudis.2020.01.015>  
DOI: 10.1016/j.drudis.2020.01.015
- Document Type: Review  
Publication Stage: Final  
Access Type: Open Access  
Source: Scopus
- 48) Chinnuraj, S., Thyla, P.R., Elango, S., Venugopal, P.R., Mohanram, P.V., Nataraj, M., Mohanraj, S., Manojkumar, K.N., Ayyasamy, S.  
[Static and dynamic behavior of steel-reinforced epoxy granite CNC lathe bed using finite element analysis](#)  
(2020) Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 234 (4), pp. 595-609. Cited 3 times.
- 48)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079729261&doi=10.1177%2f1464420720904606&partnerID=40&md5=...>  
DOI: 10.1177/1464420720904606

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 49) Arun Kumar, G., Chandramohan, A., Gomathi Priya, P., Alagar, M.  
[Acetophenone and thiophene side-arm polyaryleneethynylene conjugated polymers for enrichment of electronic applications](#)  
(2020) Polymer International, 69 (4), pp. 429-438. Cited 1 time.

- 49) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079701923&doi=10.1002%2fpi.5972&partnerID=40&md5=d8c223f264...>  
DOI: 10.1002/pi.5972

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 50) Selvaraj, V., Raghavarshini, T.R., Alagar, M.  
[Development and Characterization of Palm Flower Carbon Reinforced DOPO-Urea Diamine Based Cardanol Benzoxazine-Epoxy Hybrid Composites](#)  
(2020) Polymer Engineering and Science, 60 (4), pp. 732-739. Cited 4 times.

- 50) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078667280&doi=10.1002%2fpen.25331&partnerID=40&md5=41d38e4...>  
DOI: 10.1002/pen.25331

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 51) Iqbal, M.M., Xavier, R.J.  
[Development of optimal reduced-order model for gas turbine power plants using particle swarm optimization technique](#)  
(2020) International Transactions on Electrical Energy Systems, 30 (4), art. no. e12265, . Cited 1 time.

- 51) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077842047&doi=10.1002%2f2050-7038.12265&partnerID=40&md5=0...>  
DOI: 10.1002/2050-7038.12265

Document Type: Article  
Publication Stage: Final  
Source: Scopus

52) Rajeshkumar, G.

[An experimental study on the interdependence of mercerization, moisture absorption and mechanical properties of sustainable Phoenix sp. fibre-reinforced epoxy composites](#)

(2020) Journal of Industrial Textiles, 49 (9), pp. 1233-1251. Cited 22 times.

52) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059944789&doi=10.1177%2f1528083718811085&partnerID=40&md5=>

DOI: 10.1177/1528083718811085

Document Type: Article

Publication Stage: Final

Source: Scopus

53) Hemkiran, S., Sudha Sadasivam, G.

[A review of similarity measures and link prediction models in social networks](#)

(2020) International Journal of Computing and Digital Systems, 9 (2), pp. 239-248. Cited 2 times.

53) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085307354&doi=10.12785%2fIJCDS%2f090209&partnerID=40&md5=>

DOI: 10.12785/IJCD/090209

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

54) Selvaraj, V., Jayanthi, K.P., Arunkumar, K., Jeyaram, S., Geethakrishnan, T., Alagar, M.

[Synthesis and characterization of GO doped bio-resource based composites for NLO and multifaceted applications](#)

(2020) Journal of Polymer Research, 27 (3), art. no. 71, . Cited 3 times.

54) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081000195&doi=10.1007%2fs10965-020-2037-5&partnerID=40&md5=>

DOI: 10.1007/s10965-020-2037-5

Document Type: Article

Publication Stage: Final

Source: Scopus

55) Prabunathan, P., Vasanthakumar, A., Manoj, M., Hariharan, A., Alagar, M.

[Polypyrrole inter-layered low temperature curing benzoxazine matrices with enhanced thermal and dielectric properties](#)

(2020) Journal of Polymer Research, 27 (3), art. no. 48, . Cited 7 times.

55) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079171936&doi=10.1007%2fs10965-020-2022-z&partnerID=40&md5=>

DOI: 10.1007/s10965-020-2022-z

Document Type: Article

Publication Stage: Final

Source: Scopus

56) Latha, G., Hariharan, A., Prabunathan, P., Alagar, M.

[Cardanol-Imidazole Based Benzoxazine Blends and Bio-silica Reinforced Composites with Enhanced Surface, Thermal and Dielectric Properties](#)

(2020) Journal of Polymers and the Environment, 28 (3), pp. 918-933. Cited 10 times.

56) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077626576&doi=10.1007%2fs10924-019-01649-y&partnerID=40&md5=>

DOI: 10.1007/s10924-019-01649-y

Document Type: Article

Publication Stage: Final

Source: Scopus

57) Ajith Jerom, B., Manimegalai, R., Manimegalai, R.

[An IoT Based Smart Water Quality Monitoring System using Cloud](#)

(2020) International Conference on Emerging Trends in Information Technology and Engineering,

ic-ETITE 2020, art. no. 9077792, . Cited 9 times.

57) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085188960&doi=10.1109%2fic-ETITE47903.2020.450&partnerID=40&md5=>

DOI: 10.1109/ic-ETITE47903.2020.450

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

58) Furtado, L.M., Hilamatu, K.C.P., Balaji, K., Ando, R.A., Petri, D.F.S.

[Miscibility and sustained release of drug from cellulose acetate butyrate/caffeine films](#)

(2020) Journal of Drug Delivery Science and Technology, 55, art. no. 101472, . Cited 5 times.

58) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077023326&doi=10.1016%2fj.jddst.2019.101472&partnerID=40&md5=>

DOI: 10.1016/j.jddst.2019.101472

Document Type: Article

Publication Stage: Final

Source: Scopus

59) Hariharan, A., Prabunathan, P., Subramanian, S.S., Kumaravel, M., Alagar, M.

[Blends of Chalcone Benzoxazine and Bio-benzoxazines Coated Cotton Fabrics for Oil-Water Separation and Bio-silica Reinforced Nanocomposites for Low-k Applications](#)

(2020) Journal of Polymers and the Environment, 28 (2), pp. 598-613. Cited 16 times.

59) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076521601&doi=10.1007%2fs10924-019-01629-2&partnerID=40&md5=>



DOI: 10.1007/s10924-019-01629-2

Document Type: Article

Publication Stage: Final

Source: Scopus

60) Thenmozhi, A., Devasena, M.

[Remediation of 2,4,6-trinitrotoluene Persistent in the Environment–A review](#)

(2020) Soil and Sediment Contamination, 29 (1), pp. 1-13. Cited 1 time.

60) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074029381&doi=10.1080%2f15320383.2019.1664394&partnerID=40&>

DOI: 10.1080/15320383.2019.1664394

Document Type: Review

Publication Stage: Final

Source: Scopus

61) Venkatachalam, S., Vishnuvardhan, K., Amarapathi, G.D., Mahesh, S.R., Deepasri, M.

[Experimental and finite element modelling of reinforced geopolymer concrete beam](#)

(2020) Materials Today: Proceedings, 45, pp. 6500-6506.

61) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108243431&doi=10.1016%2fj.matpr.2020.11.449&partnerID=40&md5=>

DOI: 10.1016/j.matpr.2020.11.449

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

62) Rajkumar, R., Ganesh, V.N., Mahesh, S.R., Vishnuvardhan, K.

[Performance evaluation of E-waste and Jute Fibre reinforced concrete through partial replacement of Coarse Aggregates](#)

(2020) Materials Today: Proceedings, 45, pp. 6242-6246. Cited 2 times.

62) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108205987&doi=10.1016%2fj.matpr.2020.10.689&partnerID=40&md5=>

DOI: 10.1016/j.matpr.2020.10.689

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

63) Vishnuvardhan, K., Rajkumar, R., Ganesh, V.N., Santhosh, J.C.

[An experimental performance evaluation of Flex Banner and polypropylene fibre reinforced bituminous mixes](#)

(2020) Materials Today: Proceedings, 45, pp. 6224-6228.

63)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108195233&doi=10.1016%2fj.matpr.2020.10.583&partnerID=40&md5->  
DOI: 10.1016/j.matpr.2020.10.583

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 64) Thennarasu, P., Senthilkumar, M., Prabunathan, P.

[Functionalization of cotton fabric with titania silica aerogel using rice husk as precursor for enhanced UV shielding](#)

(2020) Materials Today: Proceedings, 42, pp. 795-803. Cited 1 time.

- 64) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103194563&doi=10.1016%2fj.matpr.2020.11.348&partnerID=40&md5->  
DOI: 10.1016/j.matpr.2020.11.348

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 65) Balachandran, K., Kalaivani, T., Thangaraju, D., Mageswari, S., Senan, M.S.V., Preethi, A.

[Fabrication of photoanodes using sol-gel synthesized Ag-doped TiO<sub>2</sub> for enhanced DSSC efficiency](#)

(2020) Materials Today: Proceedings, 37 (Part 2), pp. 515-521. Cited 1 time.

- 65) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102430798&doi=10.1016%2fj.matpr.2020.05.485&partnerID=40&md5->  
DOI: 10.1016/j.matpr.2020.05.485

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 66) Navin Ganesh, V., Sathyanarayan Sridhar, R.

[Land-use change detection and assessment for sustainable development of peri-urban areas using remote sensing and gis: A case study of coimbatore city, tamil nadu, india](#)

(2020) Journal of Environmental Protection and Ecology, 21 (6), pp. 2229-2244. Cited 1 time.

- 66) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101864648&partnerID=40&md5=67c6a53a361c5dc1d8fdbee3799b4af>

Document Type: Article

Publication Stage: Final

Source: Scopus

- 67) Sumesh, K.R., Kavimani, V., Rajeshkumar, G., Indran, S., Khan, A.

[Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition](#)

(2020) Journal of Industrial Textiles, . Cited 16 times.

- 67)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095755434&doi=10.1177%2f1528083720971344&partnerID=40&md5=>

DOI: 10.1177/1528083720971344

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 68) Devi, K.S., Sreedharan, V.R., Devadasan, S.R.

[Process enhancement in a wet grinder manufacturing company through lean implementation framework - A case study](#)

(2020) International Journal of Business Excellence, 22 (1), pp. 33-51. Cited 1 time.

- 68) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093690215&doi=10.1504%2fIJBEX.2020.109223&partnerID=40&md5=>

DOI: 10.1504/IJBEX.2020.109223

Document Type: Article

Publication Stage: Final

Source: Scopus

- 69) Sumesh, K.R., Kavimani, V., Rajeshkumar, G., Ravikumar, P., Indran, S.

[An Investigation into the Mechanical and Wear Characteristics of Hybrid Composites: Influence of Different Types and Content of Biodegradable Reinforcements](#)

(2020) Journal of Natural Fibers, . Cited 11 times.

- 69) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091346335&doi=10.1080%2f15440478.2020.1821297&partnerID=40&md5=>

DOI: 10.1080/15440478.2020.1821297

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 70) Mohamed Iqbal, M., Ahmed, K., Fathima, N.

[Overview and recent scenario of biomass gasifier plants in tamilnadu—a field survey](#)

(2020) Lecture Notes in Electrical Engineering, 672, pp. 1303-1316. Cited 1 time.

- 70) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091303807&doi=10.1007%2f978-981-15-5558-9\\_109&partnerID=40&md5=](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091303807&doi=10.1007%2f978-981-15-5558-9_109&partnerID=40&md5=)

DOI: 10.1007/978-981-15-5558-9\_109

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 71) Shanmugam, B., Ranjit, C., Vishwanantham, V., Murali, B.

[Venture: A new cryptocurrency for online marketing application on ethereum framework](#)

(2020) Journal of Advanced Research in Dynamical and Control Systems, 12 (5 Special Issue), pp. 498-505.

- 71) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090677644&doi=10.5373%2fJARDCS%2fV12SP5%2f20201785&partnerID=40&md5=b3db>  
DOI: 10.5373/JARDCS/V12SP5/20201785

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 72) Jayasanthi, M., Kalaivani, R., Satheeshkumar, G.S.  
[Review of echocardiogram analysis and classification practices](#)  
(2020) Journal of Critical Reviews, 7 (17), pp. 1302-1308.

- 72) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089310831&doi=10.31838%2fjcr.07.17.167&partnerID=40&md5=b3db>  
DOI: 10.31838/jcr.07.17.167

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 73) Siraimettan, K., Arumugam, H., Ayyavu, C., Ponnaiah, G., Muthukaruppan, A.  
[Mechanical, thermal and dielectric studies of reduced graphene oxide reinforced cardanol based polybenzoxazine/epoxy nanocomposites](#)  
(2020) Composite Interfaces, pp. 1-16.

- 73) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087588662&doi=10.1080%2f09276440.2020.1788360&partnerID=40&md5=b3db>  
DOI: 10.1080/09276440.2020.1788360

Document Type: Article  
Publication Stage: Final  
Source: Scopus

- 74) Nagaraja, K.C., Rajanna, S., Prakash, G.S., Rajeshkumar, G.  
[Improvement of mechanical and thermal properties of hybrid composites through addition of halloysite nanoclay for light weight structural applications](#)  
(2020) Journal of Industrial Textiles, . Cited 10 times.

- 74) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086864587&doi=10.1177%2f1528083720936624&partnerID=40&md5=b3db>  
DOI: 10.1177/1528083720936624

Document Type: Article  
Publication Stage: Article in Press  
Source: Scopus

75) Ravikumar, P., Suresh, A.R., Rajeshkumar, G.  
[An Investigation into the Tribological Properties of Bidirectional Jute/Carbon Fiber Reinforced Polyester Hybrid Composites](#)  
(2020) Journal of Natural Fibers, . Cited 13 times.

75) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085307683&doi=10.1080%2f15440478.2020.1764444&partnerID=40&>  
DOI: 10.1080/15440478.2020.1764444

Document Type: Article  
Publication Stage: Article in Press  
Source: Scopus

76) Rajeshkumar, G.  
[Effect of sodium hydroxide treatment on dry sliding wear behavior of Phoenix sp. fiber reinforced polymer composites](#)  
(2020) Journal of Industrial Textiles, . Cited 18 times.

76) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083849145&doi=10.1177%2f1528083720918948&partnerID=40&md5=>  
DOI: 10.1177/1528083720918948

Document Type: Article  
Publication Stage: Article in Press  
Source: Scopus

77) Hemanth, G.R., Charles Raja, S., Jeslin Drusila Nesamalar, J., Senthil Kumar, J.  
[Cost effective energy consumption in a residential building by implementing demand side management in the presence of different classes of power loads](#)  
(2020) Advances in Building Energy Research, . Cited 3 times.

77) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083550745&doi=10.1080%2f17512549.2020.1752799&partnerID=40&>  
DOI: 10.1080/17512549.2020.1752799

Document Type: Article  
Publication Stage: Article in Press  
Source: Scopus

78) Mohamed Iqbal, M., Kiran, P.C., Kumar, J.R., Shree, K.K., Bhuvan, D.V., Shakthivel, R.  
[LabVIEW-Based Virtual Laboratories for Electrical Engineering Education with Real-Time Implementation](#)  
(2020) Advances in Intelligent Systems and Computing, 1118, pp. 531-541.

78) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082304103&doi=10.1007%2f978-981-15-2475-2\\_49&partnerID=40&](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082304103&doi=10.1007%2f978-981-15-2475-2_49&partnerID=40&)  
DOI: 10.1007/978-981-15-2475-2\_49

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

79) Mohamed Mustafa, M.I.

[Simple cycle gas turbine dynamic analysis using fuzzy gain scheduled PID controller](#)

(2020) Advances in Intelligent Systems and Computing, 1124, pp. 77-90.

79) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081594664&doi=10.1007%2f978-981-15-2740-1\\_6&partnerID=40&md5=10.1007/978-981-15-2740-1\\_6](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081594664&doi=10.1007%2f978-981-15-2740-1_6&partnerID=40&md5=10.1007/978-981-15-2740-1_6)

DOI: 10.1007/978-981-15-2740-1\_6

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

80) Ramesh, P., Hari, M., Mohamed Iqbal, M., Chitra, K., Kodandapani, D.

[Performance Analysis of ST-Type Module for Nearest Level Control Scheme Based Asymmetric 17-Level Multilevel Inverter Fed Single-Phase Induction Motor](#)

(2020) Advances in Intelligent Systems and Computing, 1034, pp. 779-787.

80) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081384992&doi=10.1007%2f978-981-15-1084-7\\_76&partnerID=40&md5=10.1007/978-981-15-1084-7\\_76](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081384992&doi=10.1007%2f978-981-15-1084-7_76&partnerID=40&md5=10.1007/978-981-15-1084-7_76)

DOI: 10.1007/978-981-15-1084-7\_76

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

81) Varsha Shree, M., Dhinakaran, V., Rajkumar, V., Bupathi Ram, P.M., Vijayakumar, M.D., Sathish, T.

[Effect of 3D printing on supply chain management](#)

(2020) Materials Today: Proceedings, 21, pp. 958-963. Cited 20 times.

81) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080065577&doi=10.1016%2fj.matpr.2019.09.060&partnerID=40&md5=10.1016/j.matpr.2019.09.060>

DOI: 10.1016/j.matpr.2019.09.060

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

82) Swapna Sai, M., Dhinakaran, V., Manoj Kumar, K.P., Rajkumar, V., Stalin, B., Sathish, T.

[A systematic review of effect of different welding process on mechanical properties of grade 5 titanium alloy](#)

(2020) Materials Today: Proceedings, 21, pp. 948-953. Cited 69 times.

82) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080025066&doi=10.1016%2fj.matpr.2019.09.027&partnerID=40&md5=10.1016/j.matpr.2019.09.027>

DOI: 10.1016/j.matpr.2019.09.027

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 83) Rajeshkumar, G., Ramakrishnan, S., Pugalenth, T., Ravikumar, P.

[Performance of Surface Modified Pineapple Leaf Fiber and Its Applications](#)

(2020) Green Energy and Technology, pp. 309-321. Cited 12 times.

- 83) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079854731&doi=10.1007%2f978-981-15-1416-6\\_16&partnerID=40&md5=34ded999999999999999999999999999](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079854731&doi=10.1007%2f978-981-15-1416-6_16&partnerID=40&md5=34ded999999999999999999999999999)

DOI: 10.1007/978-981-15-1416-6\_16

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 84) Selvaraj, V., Raghavarshini, T.R., Alagar, M.

[Development of: Prosopis juliflora carbon-reinforced PET bottle waste-based epoxy-blended bio-phenolic benzoxazine composites for advanced applications](#)

(2020) RSC Advances, 10 (10), pp. 5656-5665. Cited 7 times.

- 84) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079553895&doi=10.1039%2fc9ra08741a&partnerID=40&md5=34ded999999999999999999999999999>

DOI: 10.1039/c9ra08741a

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 85) Thangaraju, D., Marnadu, R., Santhana, V., Durairajan, A., Kathirvel, P., Chandrasekaran, J., Jayakumar, S., Valente, M.A., Greenidge, D.C.

[Solvent influenced synthesis of single-phase SnS<sub>2</sub> nanosheets for solution-processed photodiode fabrication](#)

(2020) CrystEngComm, 22 (3), pp. 525-533. Cited 22 times.

- 85) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078193095&doi=10.1039%2fc9ce01417a&partnerID=40&md5=0ebd2424242424242424242424242424>

DOI: 10.1039/c9ce01417a

Document Type: Article

Publication Stage: Final

Source: Scopus

- 86) Babu, A.R.V., Kumar, P.M., Rao, G.S.

[A novel diagnostic technique to detect the failure mode operating states of an air-breathing fuel cell used in fuel cell vehicles](#)

(2020) International Journal of Electric and Hybrid Vehicles, 12 (1), pp. 32-43. Cited 1 time.

- 86) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077195899&doi=10.1504%2fIJEHV.2020.104263&partnerID=40&md5=>  
DOI: 10.1504/IJEHV.2020.104263

Document Type: Article

Publication Stage: Final

Source: Scopus

- 87) Niranjani, G., Umamaheswari, K.

[Modified DFA Minimization with Artificial Bee Colony Optimization in Vehicular Routing Problem with Time Windows](#)

(2020) Advances in Intelligent Systems and Computing, 1042, pp. 643-662. Cited 2 times.

- 87) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076221699&doi=10.1007%2f978-981-32-9949-8\\_45&partnerID=40&md5=](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076221699&doi=10.1007%2f978-981-32-9949-8_45&partnerID=40&md5=)  
DOI: 10.1007/978-981-32-9949-8\_45

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

Search: AF-ID("PSG Institute of Technology and Applied Research" 60170520) AND ( LIMIT-TO ( PUBYEAR,2020) )