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<a href="#">Bromo-substituted blocked hexamethylene diisocyanate adduct: synthesis, characterization and application toward polyurethane coating</a> S Jana, P Ramar, D Samanta, SN Jaisankar Journal of Macromolecular Science, Part A, 1-11		2020
<a href="#">Viscoelastic, thermal, and morphological properties of nanocomposites based on modified PVA using a twin-screw melt extrusion process</a> B Rajeswari, N Malarvizhi, D Prakash, SN Jaisankar Journal of Thermoplastic Composite Materials 33 (11), 1555-1568	3	2020
<a href="#">Interplay between surface chemistry and osteogenic behaviour of sulphate substituted nano-hydroxyapatite</a> G Radha, B Venkatesan, SN Jaisankar, P Rajashree, S Balakumar Materials Science and Engineering: C, 111617		2020
<a href="#">Multifunctional properties of acetaminophen immobilized polymer nanohybrid composites</a> A Murali, SC Ramkumar, N Haridharan, S Mohana, D Samanta, ... SN Applied Sciences 2 (7), 1-11		2020
<a href="#">Nanoconjugates of methacrylic polymers: Synthesis, characterization, and immobilization to leather</a> VG Ayyappan, D Prakash, SN Jaisankar, N Sadhukhan, MS Alam, ... Journal of Applied Polymer Science 137 (18), 48627		2020
<a href="#">Copper (0) Mediated Single Electron Transfer-Living Radical Polymerization of Methyl Methacrylate: Functionalized Graphene as a Convenient Tool for Radical Initiator</a> A Murali, S Sampath, B Appukutti Achuthan, M Sakar, S Chandrasekaran, ... Polymers 12 (4), 874	2	2020
<a href="#">Biodegradable polyurethane foam as shoe insole to reduce footwear waste: Optimization by morphological physicochemical and mechanical properties</a> M Mukherjee, SA Gurusamy-Thangavelu, DK Chelike, A Alagumalai, ... Applied Surface Science 499, 143966	5	2020
<a href="#">Strong hydrogen bonding wide bandgap single crystal for optical and electronic applications</a> IP Bincy, SN Jaisankar, MP Pachamuthu, D Santhanaraj, D Prakash, ... Optics & Laser Technology 120, 105710	2	2019

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<a href="#">Enhanced mechanical, thermal and adhesion properties of polysilsesquioxane spheres reinforced epoxy nanocomposite adhesives</a> V Anoop, S Sankaraiah, SN Jaisankar, S Chakraborty, NL Mary The Journal of Adhesion	2	2019
<a href="#">Studies on nonlinear optical properties of a mixture of 4-nitroaniline-picric acid (2/1)</a> KV Karthikeyan, S Anandhi, V Ramkumar, TS Shyju, SN Jaisankar, ... Materials Research Express 6 (7), 075105		2019
<a href="#">Mechanical, dielectric, and thermal properties of polydimethylsiloxane/polysilsesquioxane nanocomposite for sealant application</a> V Anoop, S Subramani, SN Jaisankar, C Sohini, NL Mary Journal of Applied Polymer Science 136 (12), 47228	6	2019
<a href="#">Structure, growth and characterization of a new naphthalene family crystal for fluorescence and third order nonlinear optical applications</a> IP Bincy, T Srinivasan, SN Jaisankar, V Ramkumar Solid State Sciences 89, 85-92	3	2019
<a href="#">Thermoplastic poly (urethane-thiourethane) triblock copolymers with SWCNTs composite</a> D Prakash, SN Jaisankar Diamond and Related Materials 93, 34-41	1	2019
<a href="#">Immobilization of quaternized polymers on bacterial cellulose by different grafting techniques</a> P Ramar, S Jana, S Chatterjee, SN Jaisankar, D Samanta New Journal of Chemistry 43 (40), 15935-15945	2	2019
<a href="#">Studies on biodegradable polyurethane-SWCNTs nanocomposite films by covalent approach: Physicochemical, electric and mechanical properties</a> SAG Thangavelu, A Murali, M Sharanya, SN Jaisankar, AB Mandal Applied Surface Science 449, 745-754	10	2018
<a href="#">Synthesis of Fluorophore Decorated Single-Walled Carbon Nanotubes for In-Vitro Cytocompatibility</a> A Murali, N Haridharan, PS Babu, S Jayaveni, SN Jaisankar Journal of nanoscience and nanotechnology 18 (2), 959-966	2	2018
<a href="#">Microcapsules from diverse polyfunctional materials: synergistic interactions for a sharp response to pH changes</a> N Pentela, N Duraipandy, N Sainath, T Parandhaman, MS Kiran, SK Das, ... New Journal of Chemistry 42 (11), 8366-8373	3	2018
<a href="#">Polylactic acid (PLA) biocomposites filled with waste leather buff (WLB)</a> T Ambone, S Joseph, E Deenadayalan, S Mishra, S Jaisankar, ... Journal of Polymers and the Environment 25 (4), 1099-1109	17	2017

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<a href="#">Processing and characterization of waste leather based polycaprolactone biocomposites</a> S Joseph, TS Ambone, AV Salvekar, SN Jaisankar, P Saravanan, ... Polymer Composites 38 (12), 2889-2897	5	2017