

Tharanikkarasu Kannan

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43 papers	643 citations	15 h-index	24 g-index
47 ext. papers	781 ext. citations	3.8 avg, IF	4.1 L-index

#	Paper	IF	Citations
43	Synthesis and characterization of covalently-grafted graphene/polyaniline nanocomposites and its use in a supercapacitor. <i>Chemical Engineering Journal</i> , 2013 , 231, 397-405	14.7	80
42	2-(2-Hydrazinyl)thiazole derivatives: design, synthesis and in vitro antimycobacterial studies. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 564-76	6.8	72
41	In silico pharmacokinetic and molecular docking studies of natural flavonoids and synthetic indole chalcones against essential proteins of SARS-CoV-2. <i>European Journal of Pharmacology</i> , 2020 , 886, 173448	5.3	51
40	In vitro and in silico antimalarial activity of 2-(2-hydrazinyl)thiazole derivatives. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 52, 138-45	5.1	43
39	2-Aminothiazole derivatives as antimycobacterial agents: Synthesis, characterization, in vitro and in silico studies. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 643-56	6.8	31
38	Silacyclobutane as a Carbanion Pump in Anionic Polymerization. 2. Effective Trapping of the Initially Formed Carbanion by Diphenylethylene. <i>Macromolecules</i> , 2001 , 34, 4384-4389	5.5	30
37	New Selectively N-Substituted Quaternary Ammonium Chitosan Derivatives. <i>Polymer Journal</i> , 2000 , 32, 334-338	2.7	23
36	Aqueous dispersions of poly(urethane-co-vinylpyridine) synthesised from polyurethane macroiniferter. <i>Colloid and Polymer Science</i> , 2002 , 280, 915-921	2.4	22
35	Self-assembled tetranuclear metallacyclic chair using orthogonal tritopic acceptors, angular ditopic donors, and bischelating bridging motifs. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 374-376	3.1	20
34	Sulfonated polyimide and poly (ethylene glycol) diacrylate based semi-interpenetrating polymer network membranes for fuel cells. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 2965-2972	2.9	20
33	Indole chalcones: Design, synthesis, in vitro and in silico evaluation against Mycobacterium tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2020 , 198, 112358	6.8	19
32	Silacyclobutanes as a Carbanion Pump in Anionic Polymerization I. Anionic Polymerization of Styrene by Potassium t-Butoxide in the Presence of Silacyclobutanes. <i>Polymer Journal</i> , 2000 , 32, 527-530	2.7	18
31	Modification of aqueous polyurethane dispersions via tetraphenylethane iniferters. <i>Journal of Applied Polymer Science</i> , 1999 , 73, 2993-3000	2.9	18
30	Polyurethane-polymethacrylic acid multiblock copolymer dispersions through polyurethane macroiniferters. <i>Colloid and Polymer Science</i> , 1999 , 277, 285-290	2.4	17
29	Thiosemicarbazone derivatives: Design, synthesis and in vitro antimalarial activity studies. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 137, 104986	5.1	16
28	Synthesis and characterization of novel polystyrene-block-polyurethane-block-polystyrene tri-block copolymers through atom transfer radical polymerization. <i>Polymer International</i> , 2008 , 57, 226-232	3.3	14
27	A novel polyurethane macroinitiator for free radical polymerization. <i>European Polymer Journal</i> , 1994 , 30, 1351-1355	5.2	14

26	Novel Telechelic 2-Methyl-2-Bromopropionate Terminated Polyurethane Macroinitiator for the Synthesis of ABA type Tri-block Copolymers through Atom Transfer Radical Polymerization of Methyl Methacrylate. <i>Polymer Journal</i> , 2008 , 40, 867-874	2.7	12
25	Synthesis and characterization of amphiphilic and hydrophobic ABA-type tri-block copolymers using telechelic polyurethane as atom transfer radical polymerization macroinitiator. <i>Colloid and Polymer Science</i> , 2010 , 288, 181-188	2.4	11
24	Novel poly(methyl methacrylate)-block-polyurethane-block-poly(methyl methacrylate) tri-block copolymers through atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 1538-1544	2.9	11
23	A novel tertiary bromine-functionalized thermal iniferter for controlled radical polymerization. <i>Polymer Journal</i> , 2010 , 42, 916-922	2.7	10
22	Aqueous dispersions of polyurethane polyacrylic acid multiblock copolymers through living radical polymerization. <i>Journal of Applied Polymer Science</i> , 2003 , 87, 1109-1115	2.9	9
21	Synthesis of tri-block copolymers through reverse atom transfer radical polymerization of methyl methacrylate using polyurethane macroiniferter. <i>EXPRESS Polymer Letters</i> , 2008 , 2, 579-588	3.4	8
20	Atom Transfer Radical Polymerization of Methyl Methacrylate Using Telechelic Tribromo Terminated Polyurethane Macroinitiator. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010 , 47, 407-415	2.2	7
19	Multi-block copolymer dispersions through polyurethane macroiniferters. <i>Polymer Bulletin</i> , 1998 , 40, 675-681	2.4	7
18	Metal-Free and Regioselective Synthesis of Substituted and Fused Chromenopyrrole Scaffolds the Divergent Reactivity of α -Azido Ketones in Water. <i>Journal of Organic Chemistry</i> , 2020 , 85, 9631-9649	4.2	6
17	Novel AB crosslinked polymer networks based on 1-vinylimidazole- terminated polyurethane and poly(methyl methacrylate). <i>Polymer International</i> , 2006 , 55, 1209-1214	3.3	6
16	Polyurethane-polymethacrylic acid multi-block copolymers and their anionomers through living radical mechanism. <i>Polymer Bulletin</i> , 1996 , 37, 711-717	2.4	6
15	Therapeutic potential of uracil and its derivatives in countering pathogenic and physiological disorders. <i>European Journal of Medicinal Chemistry</i> , 2020 , 207, 112801	6.8	6
14	Advances in Nucleoside and Nucleotide Analogues in Tackling Human Immunodeficiency Virus and Hepatitis Virus Infections. <i>ChemMedChem</i> , 2021 , 16, 1403-1419	3.7	6
13	AB crosslinked polymers based on cationomeric polyurethane and poly(methyl methacrylate): Static and dynamic mechanical studies. <i>Journal of Applied Polymer Science</i> , 2001 , 81, 813-821	2.9	5
12	InCl ₃ -Assisted Eco-Friendly Approach for N-Fused 1,4-Dihydropyridine Scaffolds via Ring Opening Michael Addition of Cyclic Nitroketene and Iminocoumarin: Synthesis and DFT Studies. <i>ChemistrySelect</i> , 2018 , 3, 2070-2079	1.8	4
11	Highly active novel Ni-diimine pre-catalyst containing bis-ketimine ligand for the vinyl polymerization of norbornene. <i>Polymer Bulletin</i> , 2012 , 68, 635-645	2.4	4
10	Dimethylaminoethyl Methacrylate Functionalized Montmorillonite for the Preparation of Polymer-Montmorillonite Nanocomposites Through Iniferter-based Controlled Radical Polymerization of Methylmethacrylate and Styrene. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 604-612		3
9	Synthesis and characterization of ABA-type amphiphilic tri-block copolymers through anionic polymerization using end functionalized poly(ethylene oxide) oligomers. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 1376-1386	2.5	3

8	Telechelic Multifunctional Polyurethane-Based Macroinitiator for the Synthesis of Polystyrene-block-Polyurethane-block-Polystyrene Tri-Block Copolymers via Atom Transfer Radical Polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008 , 46, 179-185	2.2	3
7	Polymer-Montmorillonite Nanocomposites Through Controlled Radical Polymerization Using (4-Vinylbenzyl) Triethylammonium Anchored Organo-Montmorillonite. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014 , 51, 931-940	2.2	2
6	Novel AB crosslinked polymer networks from telechelic 4-vinylbenzyl carbamate terminated polyurethanes and different vinyl monomers. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 892-898	3.2	2
5	Novel ABA type gold copolymer nanoparticles: PNIPAAm-b-PU-b-PNIPAAm tri-block nanopolymer as reducing and stabilizing agent 2012 ,		1
4	First-in-class pyrido[2,3-d]pyrimidine-2,4(1H,3H)-diones against leishmaniasis and tuberculosis: Rationale, in vitro, ex vivo studies and mechanistic insights.. <i>Archiv Der Pharmazie</i> , 2022 , e2100440	4.3	0
3	Polyelectrolyte proton exchange membranes: synthesis and characterization of sulfonated polyimide membranes using novel stilbene-containing diamine. <i>Polymer Bulletin</i> ,1	2.4	0
2	Acetylene containing 2-(2-hydrazinyl)thiazole derivatives: design, synthesis, and and evaluation of antimycobacterial activity against .. <i>RSC Advances</i> , 2022 , 12, 8771-8782	3.7	0
1	A Novel Single-Site Catalyst for Olefin Polymerization. <i>Materials Science Forum</i> , 2010 , 657, 83-87	0.4	