

# Sankar Govindarajan

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

151  
citations

1478505

6  
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1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amine-blocked polyisocyanates. I. Synthesis of novel N-methylaniline-blocked polyisocyanates and deblocking studies using hot-stage fourier transform infrared spectroscopy. Journal of Polymer Science Part A, 2007, 45, 1557-1570.	2.3	40
2	Effect of isocyanate structure on deblocking and cure reaction of N-methylaniline-blocked diisocyanates and polyisocyanates. European Polymer Journal, 2009, 45, 911-922.	5.4	35
3	Cure reaction kinetics of amine-blocked polyisocyanates with alcohol using hot-stage Fourier transform infrared spectroscopy. Journal of Applied Polymer Science, 2008, 109, 1168-1176.	2.6	21
4	Synthesis and Liquid Crystalline Properties of New Diols Containing Azomethine Groups. Molecules, 2010, 15, 3260-3269.	3.8	15
5	Synthesis, deblocking and cure reaction studies of secondary alcohol-blocked isocyanates. High Performance Polymers, 2011, 23, 535-541.	1.8	11
6	Catalysis of secondary alcohol blocked isocyanate-hydroxyl terminated polybutadiene cure reaction. Polymer Science - Series B, 2011, 53, 52-56.	0.8	9
7	New Nonlinear Polyurethane: Synthesis and Optical Properties. Polymer-Plastics Technology and Engineering, 2010, 49, 1606-1610.	1.9	6
8	Utilization of Sulfonated Waste Polystyrene-Based Cobalt Ferrite Magnetic Nanocomposites for Efficient Degradation of Calcon Dye. Polymers, 2022, 14, 2909.	4.5	6
9	Synthesis and Deblocking Investigations of Phenol Blocked Aliphatic Isocyanates and Their Application in the Development of Epoxy-Polyurethane Films. Asian Journal of Chemistry, 2022, 34, 361-370.	0.3	4
10	Catalysis of N-Methylaniline-Blocked Polyisocyanate-Hydroxyl-Terminated Polybutadiene Cure Reaction. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 45, 721-726.	2.2	3
11	A Study on the Flexural Behaviour of Geopolymer Lightweight Eco-Friendly Concrete Using Coconut Shell as Coarse Aggregate. Advances in Civil Engineering, 2021, 2021, 1-20.	0.7	1
12	Investigations on the deblocking reactions of blocked polyisocyanates synthesized from solid waste styrofoam by a non-isocyanate approach and its application in the fabrication of epoxy-polyurethane films. Journal of Polymer Research, 2022, 29, 1.	2.4	0
13	Studies on the effect of catalysis on the deblocking and cure of blocked polyisocyanates based on waste polystyrene. Materials Today: Proceedings, 2022, , .	1.8	0