

# Raminder Kaur

## List of Publications by Year in descending order

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16  
papers

429  
citations

840776

11  
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1058476

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times ranked

381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Bio-Based Polyurethanes: Perspective on Applications and Bio-Degradation. <i>Macromol</i> , 2022, 2, 284-314.	4.4	48
2	Development and investigation of microencapsulated caprylic acid based phase change materials for thermal energy storage applications. <i>International Journal of Energy Research</i> , 2021, 45, 17302-17314.	4.5	9
3	Practice of Taguchi design of experiments in the valuation of mechanical behavior of rigid polyurethane foam composites. <i>Polymers and Polymer Composites</i> , 2021, 29, S1075-S1083.	1.9	1
4	Addition of anti-flaming agents in castor oil based rigid polyurethane foams: studies on mechanical and flammable behaviour. <i>Materials Research Express</i> , 2020, 7, 015333.	1.6	19
5	Investigation on flammability of rigid polyurethane foam mineral fillers composite. <i>Fire and Materials</i> , 2019, 43, 917-927.	2.0	31
6	Flame retardancy of ceramic based rigid polyurethane foam composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48250.	2.6	20
7	Engineering optimisation of process parameters for polymers: an overview. <i>International Journal of Experimental Design and Process Optimisation</i> , 2019, 6, 89.	0.2	3
8	Development of vegetable oil-based conducting rigid PU foam. <i>E-Polymers</i> , 2019, 19, 411-420.	3.0	21
9	Response surface methodological evaluation of drilling for the optimization of residual compressive strength of bio-based RPUF composite. <i>Materials Research Express</i> , 2019, 6, 125372.	1.6	0
10	Effect of Nano Filler on the Flammability of Bio-Based RPUF. <i>Integrated Ferroelectrics</i> , 2019, 202, 20-28.	0.7	8
11	Synthesis of NIPU by the carbonation of canola oil using highly efficient 5,10,15-tris(pentafluorophenyl)corrolato manganese(III) complex as novel catalyst. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1078-1085.	3.2	26
12	Mechanical and Thermal Properties of Castor Oil Based Polyurethane Adhesive: Effect of TiO <sub>2</sub> Filler. <i>Advances in Polymer Technology</i> , 2018, 37, 24-30.	1.7	41
13	Influence of aliphatic and aromatic isocyanates on the properties of poly(ether ester) polyol based PU adhesive system. <i>Polymer Engineering and Science</i> , 2018, 58, 112-117.	3.1	40
14	Glass fiber reinforced rigid polyurethane foam: synthesis and characterization. <i>E-Polymers</i> , 2017, 17, 517-521.	3.0	28
15	PU foam derived from renewable sources: Perspective on properties enhancement: An overview. <i>European Polymer Journal</i> , 2017, 95, 255-274.	5.4	111
16	Function of silicon oil in the castor oil based rigid polyurethane foams. <i>Journal of Polymer Engineering</i> , 2013, 33, 875-880.	1.4	23