

Raminder Kaur

List of Publications by Year in descending order

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16
papers

429
citations

840776

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h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

381
citing authors

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