

Akash R Trivedi

List of Publications by Year in descending order

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7
papers

68
citations

1937685

4
h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluoride degradable and thermally debondable polyurethane based adhesive. Polymer Chemistry, 2017, 8, 7207-7216.	3.9	36
2	A Simple Rate-Dependent Temperature Dependent Hyperelastic Model Applied to Neoprene Rubber. Journal of Dynamic Behavior of Materials, 2020, 6, 336-347.	1.7	12
3	Application of Linear Viscoelastic Continuum Damage Theory to the Low and High Strain Rate Response of Thermoplastic Polyurethane. Experimental Mechanics, 2020, 60, 925-936.	2.0	10
4	A novel methodology for predicting the high rate mechanical response of polymers from low rate data: application to (plasticised) poly(vinyl chloride). Mechanics of Time-Dependent Materials, 2021, 25, 383-409.	4.4	9
5	Predicting the high strain rate response of plasticised poly(vinyl chloride) using a fractional derivative model. EPJ Web of Conferences, 2018, 183, 01013.	0.3	1
6	Framework for analyzing hyper-viscoelastic polymers. AIP Conference Proceedings, 2018, , .	0.4	0
7	Predicting the high strain rate behaviour of particulate composites using time-temperature superposition based modelling. EPJ Web of Conferences, 2021, 250, 02015.	0.3	0