

Dooyoung Baek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1306191/publications.pdf>

Version: 2024-02-01

15
papers

204
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and flexibility properties of UV LED cured acrylic pressure-sensitive adhesives for flexible displays. Journal of Materials Research and Technology, 2021, 10, 1176-1183.	5.8	14
2	Mechanical Characterization of Core-Shell Rubber/Epoxy Polymers for Automotive Structural Adhesives as a Function of Operating Temperature. Polymers, 2021, 13, 734.	4.5	10
3	Synthesis of urethane-modified aliphatic epoxy using a greenhouse gas for epoxy composites with tunable properties: Toughened polymer, elastomer, and pressure-sensitive adhesive. Composites Part B: Engineering, 2021, 222, 109058.	12.0	14
4	Enhanced Surface Properties of Carbon Fiber Reinforced Plastic by Epoxy Modified Primer with Plasma for Automotive Applications. Polymers, 2020, 12, 556.	4.5	25
5	Shock absorption of semi-interpenetrating network acrylic pressure-sensitive adhesive for mobile display impact resistance. International Journal of Adhesion and Adhesives, 2020, 99, 102558.	2.9	9
6	3D Printing of Polyethylene Terephthalate Glycolâ€“Sepiolite Composites with Nanoscale Orientation. ACS Applied Materials & Interfaces, 2020, 12, 23453-23463.	8.0	26
7	Synthesis of phosphorus-containing polyol and its effects on impact resistance and flame retardancy of structural epoxy adhesives. International Journal of Adhesion and Adhesives, 2020, 100, 102601.	2.9	15
8	Adhesional Contact between Rigid Sphere and Elastic Plane Covered with Thin Liquid Film Considering Contact-Angle Hysteresis. Tribology Online, 2020, 15, 1-8.	0.9	2
9	Depth profile of thin coating through surface and interfacial cutting analysis of UV curing system. Materials and Design, 2019, 178, 107855.	7.0	6
10	Resistance to Cleavage of Coreâ€“Shell Rubber/Epoxy Composite Foam Adhesive under Impact Wedgeâ€“Peel Condition for Automobile Structural Adhesive. Polymers, 2019, 11, 152.	4.5	16
11	Optimization of Recovery and Relaxation of Acrylic Pressure-Sensitive Adhesives by Using UV Patterning for Flexible Displays. Industrial & Engineering Chemistry Research, 2019, 58, 4331-4340.	3.7	22
12	Estimating work of adhesion using spherical contact between a glass lens and a PDMS block. Journal of Adhesion Science and Technology, 2018, 32, 158-172.	2.6	8
13	Morphological study and mechanical property of epoxy-foam adhesives based on epoxy composites for automotive applications. International Journal of Adhesion and Adhesives, 2018, 87, 124-129.	2.9	23
14	Evaluation of energy dissipation involving adhesion hysteresis in spherical contact between a glass lens and a PDMS block. Applied Adhesion Science, 2017, 5, .	1.5	12
15	Analysis of adhesive elastic contact between a silica glass lens and silicone rubber using the JKR theory. IOP Conference Series: Materials Science and Engineering, 2014, 61, 012042.	0.6	2