

Dooyoung Baek

List of Publications by Year in descending order

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papers

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1051969

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15
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and flexibility properties of UV LED cured acrylic pressure-sensitive adhesives for flexible displays. <i>Journal of Materials Research and Technology</i> , 2021, 10, 1176-1183.	2.6	14
2	Mechanical Characterization of Core-Shell Rubber/Epoxy Polymers for Automotive Structural Adhesives as a Function of Operating Temperature. <i>Polymers</i> , 2021, 13, 734.	2.0	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. <i>Composites Part B: Engineering</i> , 2021, 222, 109058.	5.9	14
4	Enhanced Surface Properties of Carbon Fiber Reinforced Plastic by Epoxy Modified Primer with Plasma for Automotive Applications. <i>Polymers</i> , 2020, 12, 556.	2.0	25
5	Shock absorption of semi-interpenetrating network acrylic pressure-sensitive adhesive for mobile display impact resistance. <i>International Journal of Adhesion and Adhesives</i> , 2020, 99, 102558.	1.4	9
6	3D Printing of Polyethylene Terephthalate Glycol-Sepiolite Composites with Nanoscale Orientation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23453-23463.	4.0	26
7	Synthesis of phosphorus-containing polyol and its effects on impact resistance and flame retardancy of structural epoxy adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2020, 100, 102601.	1.4	15
8	Adhesional Contact between Rigid Sphere and Elastic Plane Covered with Thin Liquid Film Considering Contact-Angle Hysteresis. <i>Tribology Online</i> , 2020, 15, 1-8.	0.2	2
9	Depth profile of thin coating through surface and interfacial cutting analysis of UV curing system. <i>Materials and Design</i> , 2019, 178, 107855.	3.3	6
10	Resistance to Cleavage of Core-Shell Rubber/Epoxy Composite Foam Adhesive under Impact Wedge-Peel Condition for Automobile Structural Adhesive. <i>Polymers</i> , 2019, 11, 152.	2.0	16
11	Optimization of Recovery and Relaxation of Acrylic Pressure-Sensitive Adhesives by Using UV Patterning for Flexible Displays. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 4331-4340.	1.8	22
12	Estimating work of adhesion using spherical contact between a glass lens and a PDMS block. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 158-172.	1.4	8
13	Morphological study and mechanical property of epoxy-foam adhesives based on epoxy composites for automotive applications. <i>International Journal of Adhesion and Adhesives</i> , 2018, 87, 124-129.	1.4	23
14	Evaluation of energy dissipation involving adhesion hysteresis in spherical contact between a glass lens and a PDMS block. <i>Applied Adhesion Science</i> , 2017, 5, .	1.5	12
15	Analysis of adhesive elastic contact between a silica glass lens and silicone rubber using the JKR theory. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014, 61, 012042.	0.3	2