Ji-Won Park

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54 papers	792 citations	16 h-index	26 g-index
54 ext. papers	973 ext. citations	3.6 avg, IF	4.17 L-index

#	Paper	IF	Citations
54	Tensile properties of kenaf fiber and corn husk flour reinforced poly(lactic acid) hybrid bio-composites: Role of aspect ratio of natural fibers. *Composites Part B: Engineering*, **2014**, 56, 232-237	10	90
53	The Improvement of Mechanical Properties, Thermal Stability, and Water Absorption Resistance of an Eco-Friendly PLA/Kenaf Biocomposite Using Acetylation. *Applied Sciences (Switzerland)*, **2018**, 8, 376	2.6	49
52	Isolation of Nanocellulose from Water Hyacinth Fiber (WHF) Produced via Digester-Sonication and Its Characterization. *Fibers and Polymers*, **2018**, 19, 1618-1625	2	46
51	Development and Application of Green Composites: Using Coffee Ground and Bamboo Flour. *Journal of Polymers and the Environment*, **2013**, 21, 702-709	4.5	44
50	Characterization of Tapioca Starch Biopolymer Composites Reinforced with Micro Scale Water Hyacinth Fibers. *Starch/Staerke*, **2018**, 70, 1700287	2.3	43
49	Effect of crosslinking density on adhesion performance and flexibility properties of acrylic pressure sensitive adhesives for flexible display applications. *International Journal of Adhesion and Adhesives*, **2017**, 74, 137-143	3.4	40
48	Effect of vibration duration of high ultrasound applied to bio-composite while gelatinized on its properties. *Ultrasonics Sonochemistry*, **2018**, 40, 697-702	8.9	40
47	UV-curing and thermal stability of dual curable urethane epoxy adhesives for temporary bonding in 3D multi-chip package process. *International Journal of Adhesion and Adhesives*, **2013**, 44, 138-143	3.4	40
46	Controlling Residual Lithium in High-Nickel (>90 %) Lithium Layered Oxides for Cathodes in Lithium-Ion Batteries. *Angewandte Chemie - International Edition*, **2020**, 59, 18662-18669	16.4	34
45	Optical properties and UV-curing behaviors of optically clear PSA-TiO2 nano-composites. *International Journal of Adhesion and Adhesives*, **2013**, 44, 200-208	3.4	27
44	Optical properties and UV-curing behaviors of optically clear semi-interpenetrated structured acrylic pressure sensitive adhesives. *International Journal of Adhesion and Adhesives*, **2012**, 38, 5-10	3.4	27
43	Adhesion performance and surface characteristics of low surface energy psas fluorinated by UV polymerization. *Polymer Engineering and Science*, **2013**, 53, 1968-1978	2.3	21
42	Molecular weight and crosslinking on the adhesion performance and flexibility of acrylic PSAs. *Journal of Adhesion Science and Technology*, **2016**, 30, 2316-2328	2	21
41	Adhesion Performance and Microscope Morphology of UV-Curable Semi-interpenetrated Dicing Acrylic PSAs in Si-Wafer Manufacture Process for MCP. *Journal of Adhesion Science and Technology*, **2012**, 26, 317-329	2	18
40	Kinetic and mechanical properties of dual curable adhesives for display bonding process. *International Journal of Adhesion and Adhesives*, **2016**, 70, 249-259	3.4	18
39	Clay-organic intumescent hybrid system for the synergetic flammability of polymer nanocomposites. *Journal of Thermal Analysis and Calorimetry*, **2018**, 132, 2009-2014	4.1	17
38	High strength PLGA/Hydroxyapatite composites with tunable surface structure using PLGA direct grafting method for orthopedic implants. *Composites Part B: Engineering*, **2019**, 178, 107449	10	16

37	Phenyl silane treatment and carding process to improve the mechanical, thermal, and water-absorption properties of regenerated cellulose lyocell/polylactic acid bio-composites. *Composites Part B: Engineering*, **2019**, 167, 387-395	10	14
36	Enhanced optical properties and thermal stability of optically clear adhesives. *International Journal of Adhesion and Adhesives*, **2014**, 50, 93-95	3.4	14
35	Property modification of a silicone acrylic pressure-sensitive adhesive with oligomeric silicone urethane methacrylate. *European Polymer Journal*, **2019**, 112, 320-327	5.2	13
34	Adhesion Performance and UV-Curing Behaviors of Interpenetrated Structured Pressure Sensitive Adhesives with 3-MPTS for Si-Wafer Dicing Process. *Journal of Adhesion Science and Technology*, **2012**, 26, 1629-1643	2	10
33	Adhesion performance and recovery of acrylic pressure-sensitive adhesives thermally crosslinked with styrene□isoprene□styrene elastomer blends for flexible display applications. *Journal of Industrial and Engineering Chemistry*, **2019**, 78, 461-467	6.3	9
32	Characteristic shrinkage evaluation of photocurable materials. *Polymer Testing*, **2016**, 56, 344-353	4.5	9
31	Evaluation of UV Curing Properties of Mixture Systems with Differently Sized Monomers. *Materials*, **2018**, 11,	3.5	9
30	Mechanical Strength Enhancement of Polylactic Acid Hybrid Composites. *Polymers*, **2019**, 11,	4.5	7
29	Curing Behaviors of UV-Curable Temporary Adhesives for a 3D Multichip Package Process. *Journal of Electronic Materials*, **2014**, 43, 4246-4254	1.9	7
28	Adhesion Performance and Thermal Stability of Fluorinated PSAs as a Crosslinking System. *Journal of Adhesion Science and Technology*, **2012**, 26, 361-379	2	7
27	Fabrication of optically clear acrylic pressure□sensitive adhesive by photo-polymerization: UV-curing behavior, adhesion performance, and optical properties. *Journal of Adhesion Science and Technology*, **2013**, 27, 2177-2190	2	7
26	Preparation of acrylic pressure-sensitive adhesives by UV/UV step curing as a way of lifting the limitations of conventional dual curing techniques. *International Journal of Adhesion and Adhesives*, **2020**, 96, 102445	3.4	7
25	Adhesion performance and recovery of platinum catalyzed silicone PSAs under various temperature conditions for flexible display applications. *Materials Letters*, **2017**, 208, 86-88	3.3	6
24	Synthesis and characterization of a new phosphorus-containing furan-based epoxy curing agent as a flame retardant. *Fire and Materials*, **2019**, 43, 717-724	1.8	6
23	Furan-2,5- and Furan-2,3-dicarboxylate Esters Derived from Marine Biomass as Plasticizers for Poly(vinyl chloride). *ACS Omega*, **2020**, 5, 197-206	3.9	6
22	Renewable Biocomposite Properties and their Applications **2016**,		6
21	Curing Behavior and Viscoelasticity of Dual-Curable Adhesives Based on High-Reactivity Azo Initiator. *Journal of Electronic Materials*, **2016**, 45, 3786-3794	1.9	6
20	Shock absorption of semi-interpenetrating network acrylic pressure-sensitive adhesive for mobile display impact resistance. *International Journal of Adhesion and Adhesives*, **2020**, 99, 102558	3.4	5

19	Evaluation of the Ultraviolet-Curing Kinetics of Ultraviolet-Polymerized Oligomers Cured Using Poly (Ethylene Glycol) Dimethacrylate. *Coatings*, **2018**, 8, 99	2.9	5
18	Synthesis and characterization of thermally stable acrylic PSA using silicone urethane methacrylate with a semi-IPN structure. *Journal of Adhesion Science and Technology*, **2014**, 28, 15-30	2	5
17	Microstructural Investigation of Bilayer Growth of In- and Ga-Rich InGaN Grown by Chemical Vapor Deposition. *Journal of Electronic Materials*, **2009**, 38, 518-522	1.9	4
16	Synthesis and properties of flexible polyester with urethane polyol for automotive pre-coated metals. *Journal of Adhesion Science and Technology*, **2016**, 30, 1537-1554	2	4
15	Transparent Electromagnetic Shielding Film Utilizing Imprinting-Based Micro Patterning Technology. *Polymers*, **2021**, 13,	4.5	4
14	Depth profile of thin coating through surface and interfacial cutting analysis of UV curing system. *Materials and Design*, **2019**, 178, 107855	8.1	3
13	Synthesis and UV-Curing Behaviors of Urethane Acrylic Oligomers Modified by the Incorporation of Silicone Diols into the Soft Segments for a 3D Multi-Chip Package Process. *Journal of Electronic Materials*, **2015**, 44, 2406-2413	1.9	3
12	Optical properties and adhesion performance of acrylic PSAs; influence of functionalized monomer and curing agent. *Journal of Adhesion Science and Technology*, **2013**, 27, 2265-2277	2	3
11	Kinetic and characterization of UV-curable silicone urethane methacrylate in semi-IPN-structured acrylic PSAs. *Journal of Adhesion Science and Technology*, **2013**, 27, 1866-1872	2	3
10	Evaluation of UV-curability of Photo-curable Materials for Acid Free Pressure Sensitive Adhesive. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2011**, 24, 553-560	0.7	3
9	Evaluation of Mechanical Performance and Flame Retardant Characteristics of Biomass-based EVA Composites using Intumescent Flame Retardant Technology. *Journal of the Korean Wood Science and Technology*, **2018**, 46, 189-201	2	3
8	Evaluation of soft adhesives containing dual-curable melamine-based compounds. *International Journal of Adhesion and Adhesives*, **2016**, 70, 315-321	3.4	3
7	Effect of side chain on wettability and adhesion performance of acrylic pressure-sensitive adhesives on thin silicon wafer. *Journal of Adhesion Science and Technology*, **2013**, 27, 1136-1145	2	2
6	Adhesion properties of eco-friendly PVAc emulsion adhesive using nonphthalate plasticizer. *Journal of Adhesion Science and Technology*, **2013**, 27, 536-550	2	2
5	Convenient Synthesis of Block Copolymers with Acrylates and PDMS; Application for PSA Polymer with UV Process. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2011**, 24, 549-552	0.7	2
4	Properties and Curing Behaviors of UV Curable Adhesives with Different Coating Thickness in Temporary Bonding and Debonding Process. *Journal of the Korean Society for Precision Engineering*, **2014**, 31, 873-879	0.3	1
3	Thermal property and flame retardancy comparisons based on particle size and size distribution of clays in ethylene vinyl acetate (EVA) adhesive sheets for cross-laminated timber (CLT). *European Journal of Wood and Wood Products*, **2020**, 78, 93-105	2.1	1
2	Thermal Conductivity and Electromagnetic Interference (EMI) Absorbing Properties of Composite Sheets Composed of Dry Processed Core-Shell Structured Fillers and Silicone Polymers. *Polymers*, **2020**, 12,	4.5	1

1	Controlling Residual Lithium in High-Nickel (>90 %) Lithium Layered Oxides for Cathodes in Lithium-Ion Batteries. *Angewandte Chemie*, **2020**, 132, 18821-18828	3.6	1