

# Ji-Won Park

## List of Publications by Year in Descending Order

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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	Transparent Electromagnetic Shielding Film Utilizing Imprinting-Based Micro Patterning Technology. <i>Polymers</i> , <b>2021</b> , 13,	4.5	4
53	Shock absorption of semi-interpenetrating network acrylic pressure-sensitive adhesive for mobile display impact resistance. <i>International Journal of Adhesion and Adhesives</i> , <b>2020</b> , 99, 102558	3.4	5
52	Furan-2,5- and Furan-2,3-dicarboxylate Esters Derived from Marine Biomass as Plasticizers for Poly(vinyl chloride). <i>ACS Omega</i> , <b>2020</b> , 5, 197-206	3.9	6
51	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). <i>European Journal of Wood and Wood Products</i> , <b>2020</b> , 78, 93-105	2.1	1
50	Thermal Conductivity and Electromagnetic Interference (EMI) Absorbing Properties of Composite Sheets Composed of Dry Processed Core-Shell Structured Fillers and Silicone Polymers. <i>Polymers</i> , <b>2020</b> , 12,	4.5	1
49	Controlling Residual Lithium in High-Nickel (>90 %) Lithium Layered Oxides for Cathodes in Lithium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18821-18828	3.6	1
48	Controlling Residual Lithium in High-Nickel (>90 %) Lithium Layered Oxides for Cathodes in Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18662-18669	16.4	34
47	Preparation of acrylic pressure-sensitive adhesives by UV/UV step curing as a way of lifting the limitations of conventional dual curing techniques. <i>International Journal of Adhesion and Adhesives</i> , <b>2020</b> , 96, 102445	3.4	7
46	Adhesion performance and recovery of acrylic pressure-sensitive adhesives thermally crosslinked with styrene/isoprene/styrene elastomer blends for flexible display applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 78, 461-467	6.3	9
45	Synthesis and characterization of a new phosphorus-containing furan-based epoxy curing agent as a flame retardant. <i>Fire and Materials</i> , <b>2019</b> , 43, 717-724	1.8	6
44	Depth profile of thin coating through surface and interfacial cutting analysis of UV curing system. <i>Materials and Design</i> , <b>2019</b> , 178, 107855	8.1	3
43	Phenyl silane treatment and carding process to improve the mechanical, thermal, and water-absorption properties of regenerated cellulose lyocell/poly(lactic acid) bio-composites. <i>Composites Part B: Engineering</i> , <b>2019</b> , 167, 387-395	10	14
42	Mechanical Strength Enhancement of Poly(lactic acid) Hybrid Composites. <i>Polymers</i> , <b>2019</b> , 11,	4.5	7
41	High strength PLGA/Hydroxyapatite composites with tunable surface structure using PLGA direct grafting method for orthopedic implants. <i>Composites Part B: Engineering</i> , <b>2019</b> , 178, 107449	10	16
40	Property modification of a silicone acrylic pressure-sensitive adhesive with oligomeric silicone urethane methacrylate. <i>European Polymer Journal</i> , <b>2019</b> , 112, 320-327	5.2	13
39	Characterization of Tapioca Starch Biopolymer Composites Reinforced with Micro Scale Water Hyacinth Fibers. <i>Starch/Staerke</i> , <b>2018</b> , 70, 1700287	2.3	43
38	Clay-organic intumescent hybrid system for the synergetic flammability of polymer nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 132, 2009-2014	4.1	17

37	Effect of vibration duration of high ultrasound applied to bio-composite while gelatinized on its properties. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 40, 697-702	8.9	40
36	The Improvement of Mechanical Properties, Thermal Stability, and Water Absorption Resistance of an Eco-Friendly PLA/Kenaf Biocomposite Using Acetylation. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 376	2.6	49
35	Evaluation of the Ultraviolet-Curing Kinetics of Ultraviolet-Polymerized Oligomers Cured Using Poly (Ethylene Glycol) Dimethacrylate. <i>Coatings</i> , <b>2018</b> , 8, 99	2.9	5
34	Evaluation of UV Curing Properties of Mixture Systems with Differently Sized Monomers. <i>Materials</i> , <b>2018</b> , 11,	3.5	9
33	Evaluation of Mechanical Performance and Flame Retardant Characteristics of Biomass-based EVA Composites using Intumescent Flame Retardant Technology. <i>Journal of the Korean Wood Science and Technology</i> , <b>2018</b> , 46, 189-201	2	3
32	Isolation of Nanocellulose from Water Hyacinth Fiber (WHF) Produced via Digester-Sonication and Its Characterization. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 1618-1625	2	46
31	Effect of crosslinking density on adhesion performance and flexibility properties of acrylic pressure sensitive adhesives for flexible display applications. <i>International Journal of Adhesion and Adhesives</i> , <b>2017</b> , 74, 137-143	3.4	40
30	Adhesion performance and recovery of platinum catalyzed silicone PSAs under various temperature conditions for flexible display applications. <i>Materials Letters</i> , <b>2017</b> , 208, 86-88	3.3	6
29	Characteristic shrinkage evaluation of photocurable materials. <i>Polymer Testing</i> , <b>2016</b> , 56, 344-353	4.5	9
28	Renewable Biocomposite Properties and their Applications <b>2016</b> ,		6
27	Synthesis and properties of flexible polyester with urethane polyol for automotive pre-coated metals. <i>Journal of Adhesion Science and Technology</i> , <b>2016</b> , 30, 1537-1554	2	4
26	Molecular weight and crosslinking on the adhesion performance and flexibility of acrylic PSAs. <i>Journal of Adhesion Science and Technology</i> , <b>2016</b> , 30, 2316-2328	2	21
25	Curing Behavior and Viscoelasticity of Dual-Curable Adhesives Based on High-Reactivity Azo Initiator. <i>Journal of Electronic Materials</i> , <b>2016</b> , 45, 3786-3794	1.9	6
24	Evaluation of soft adhesives containing dual-curable melamine-based compounds. <i>International Journal of Adhesion and Adhesives</i> , <b>2016</b> , 70, 315-321	3.4	3
23	Kinetic and mechanical properties of dual curable adhesives for display bonding process. <i>International Journal of Adhesion and Adhesives</i> , <b>2016</b> , 70, 249-259	3.4	18
22	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. <i>Journal of Electronic Materials</i> , <b>2015</b> , 44, 2406-2413	1.9	3
21	Synthesis and characterization of thermally stable acrylic PSA using silicone urethane methacrylate with a semi-IPN structure. <i>Journal of Adhesion Science and Technology</i> , <b>2014</b> , 28, 15-30	2	5
20	Enhanced optical properties and thermal stability of optically clear adhesives. <i>International Journal of Adhesion and Adhesives</i> , <b>2014</b> , 50, 93-95	3.4	14

19	Curing Behaviors of UV-Curable Temporary Adhesives for a 3D Multichip Package Process. <i>Journal of Electronic Materials</i> , <b>2014</b> , 43, 4246-4254	1.9	7
18	Tensile properties of kenaf fiber and corn husk flour reinforced poly(lactic acid) hybrid bio-composites: Role of aspect ratio of natural fibers. <i>Composites Part B: Engineering</i> , <b>2014</b> , 56, 232-237	10	90
17	Properties and Curing Behaviors of UV Curable Adhesives with Different Coating Thickness in Temporary Bonding and Debonding Process. <i>Journal of the Korean Society for Precision Engineering</i> , <b>2014</b> , 31, 873-879	0.3	1
16	Development and Application of Green Composites: Using Coffee Ground and Bamboo Flour. <i>Journal of Polymers and the Environment</i> , <b>2013</b> , 21, 702-709	4.5	44
15	Effect of side chain on wettability and adhesion performance of acrylic pressure-sensitive adhesives on thin silicon wafer. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 1136-1145	2	2
14	UV-curing and thermal stability of dual curable urethane epoxy adhesives for temporary bonding in 3D multi-chip package process. <i>International Journal of Adhesion and Adhesives</i> , <b>2013</b> , 44, 138-143	3.4	40
13	Optical properties and UV-curing behaviors of optically clear PSA-TiO <sub>2</sub> nano-composites. <i>International Journal of Adhesion and Adhesives</i> , <b>2013</b> , 44, 200-208	3.4	27
12	Optical properties and adhesion performance of acrylic PSAs; influence of functionalized monomer and curing agent. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 2265-2277	2	3
11	Kinetic and characterization of UV-curable silicone urethane methacrylate in semi-IPN-structured acrylic PSAs. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 1866-1872	2	3
10	Adhesion properties of eco-friendly PVAc emulsion adhesive using nonphthalate plasticizer. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 536-550	2	2
9	Fabrication of optically clear acrylic pressure sensitive adhesive by photo-polymerization: UV-curing behavior, adhesion performance, and optical properties. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 2177-2190	2	7
8	Adhesion performance and surface characteristics of low surface energy psas fluorinated by UV polymerization. <i>Polymer Engineering and Science</i> , <b>2013</b> , 53, 1968-1978	2.3	21
7	Adhesion Performance and Thermal Stability of Fluorinated PSAs as a Crosslinking System. <i>Journal of Adhesion Science and Technology</i> , <b>2012</b> , 26, 361-379	2	7
6	Adhesion Performance and Microscope Morphology of UV-Curable Semi-interpenetrated Dicing Acrylic PSAs in Si-Wafer Manufacture Process for MCP. <i>Journal of Adhesion Science and Technology</i> , <b>2012</b> , 26, 317-329	2	18
5	Optical properties and UV-curing behaviors of optically clear semi-interpenetrated structured acrylic pressure sensitive adhesives. <i>International Journal of Adhesion and Adhesives</i> , <b>2012</b> , 38, 5-10	3.4	27
4	Adhesion Performance and UV-Curing Behaviors of Interpenetrated Structured Pressure Sensitive Adhesives with 3-MPTS for Si-Wafer Dicing Process. <i>Journal of Adhesion Science and Technology</i> , <b>2012</b> , 26, 1629-1643	2	10
3	Convenient Synthesis of Block Copolymers with Acrylates and PDMS; Application for PSA Polymer with UV Process. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2011</b> , 24, 549-552	0.7	2
2	Evaluation of UV-curability of Photo-curable Materials for Acid Free Pressure Sensitive Adhesive. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2011</b> , 24, 553-560	0.7	3

- 1 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