[포스터 발표]

순 번	제 목	저 자	소 속
PS-01	Development and characterization of cryogenic urethane adhesive for LH2 Carrier tanks	김두헌.권하은.전호균.김광현*.전규진*.김구니	한국소재융합연구원, *HD한국조선해양
PS-02	Enhanced interfacial adhesion via chemical and physical engineering in all-soft vertical organic photodetectors	박해찬.김다은.심교승†	울산과학기술원 화학과
PS-03	Impact property changes of protective adhesive film by hollow particles	Sepideh RANJI and Myung Cheon LEE*	Department of Chemical Engineering, Dongguk University
PS-04	투명열전도 점착조성물의 열적 기계적 특성	최아영1 , 2박성엽, 오원태1,2*	(1)동의대학교 고분자나노공학과, (2)파인머트리얼즈㈜
PS-05	A Simple Strategy to Modulate the Adhesive Properties of Water-based Acrylic Pressure-sensitive Adhesives	Pei Qin, Sepideh Ranji, Myungcheon Lee	Department of Chemical Engineering, Dongguk University
PS-06	Bio-inspired chitosan/polyvinyl alcohol/tannic acid hydrogels as wood adhesives	Hyun Ho Shin1, Haejin Bae2, Ji Hyun Ryu1,2†	(1)화학공학과, 원광대, (2)Ecological Technology Research Team, National Institute of Ecology, (3)탄소융합공학과
PS-07	Evaluation of Adhesion and Mechanical Properties of Urethane Acrylic Polymer Binders Using Crosslinking Catalysts	이주홍.임원빈, 민진규, 이재룡, 이승현, 배지홍.허필호	부산대학교 고분자공학과
PS-08	Chlorinated Polyolefin(CPO)-g-B-Carboxyethyl acrylate(B-CEA)의 합성 및 이를 이용한 접착특성 연구	정부영, 천제환†	한국소재융합연구원
PS-09	Characteristics of room temperature curing acrylate binders for road markings using acrylic silane crosslinkers	이재룡.임원빈.민진규.이주홍.이근호.봉하송.변상욱.배지홍.허필호	부산대학교 고분자공학과
PS-10	셀룰로오스계 기반 소재용 표면 코팅제의 내수 및 내유 특성 향상에 관한 연구	박현주†.박재형.이지은	한국소재융합연구원
PS-11	재생 폴리에스테르계 부직포용 친환경 함침용 수지 제조 및 특성에 관한 연구	박현주†*.박재형*.김창겸**	*한국소재융합연구원 융합소재연구단, **(주)대진에스앤티
PS-12	The Influence of Graphene on the Physical Properties of FKM Rubber	김진곤. 오정석†	Department of Materials Engineering and Convergence Technology, RIGET, 경상국립대
PS-13	Synthesis of Waterborne Polyurethane Acrylates for VOC Reductionand Development of Fluorescent Pigment Resin Compositions	김다예.이나경.이승구	울산대학교 화학과
PS-14	Flexible Composite Substrate for Enhancing Organic Field-Effect Transistor Stability Under Mechanical Deformation	김유민, 이화성,†	한양대학교 ERICA; 한양대학교
PS-15	Direct-Ink-Written MXene and PEDOT Micro-Supercapacitors for Improved Flexibility and Performance	김유진.이승구	울산대학교 화학과
PS-16	Fabrication and Characterization of Advanced Piezoelectric Pressure Sensors Using Electrospinning ZnO Composite Nanofibers	오수현, 이화성*	한양대학교 재료화학공학과
PS-17	Advanced Flexible Physical Sensors with Independent Detection Mechanisms of Pressure and Strain Stimuli for Overcoming Signal Interference	Dashdendev Tsogbayar1,2, Hwa Sung Lee1,2	(1)Department of Materials Science and Chemical Engineering, 한양대 (2)BK21 FOUR ERICA-ACE Center, 한양대
PS-18	Electrochemical organic diodes with all-soft components for wearable electronics	김세현 .신동형.심교승†	울산과학기술원 화학과
PS-19	Fabrication of Large-Area Transparent Thin Film Based on Aramid Solution with Extremely High Viscosity	류연해.유승건*.김유리.성예린.김영진.임재민.정유정.Vanessa.,최현호†	경상국립대학교 나노신소재융합공학과, 한국전기연구원
PS-20	Robust and flexible fiber-like multifunctional sensor for use as smart textiles	서정윤.이화성	한양대학교 재료화학공학과

PS-21	Synthesis of New Polyimide Insulators with Strong Intermolecular Interaction and Their Application into Organic Electronics	Yerin Sung, Youngjin Kim, Yuri Kim, Yeonhae Ryu, Vanessa, Yujeong Jeong, Jaemin Im, Hyun Ho Choi1	Department of Materials Engineering and Convergence Technology, 경상국립대
PS-22	Hydrovoltaic devices based on graphene-oxide	정지훈.한다연.정인우*	경북대학교 응용화학공학부
PS-23	Relationship between microphase separation and thermo-mechanical properties of self-healable PDMS-crosslinked acrylate copolymers	한경록.이향무.정인우*	경북대학교 응용화학공학부
PS-24	Reinforced rigid polyurethane foams (RPUF) enhanced mechanical properties and insulating properties using surface-modified nanofillers	박경준.한경록.정인우*	경북대학교 응용화학공학부
PS-25	전기자동차 부품용 복합 소재의 방열 및 기계적 특성에 관한 연구	박현주†.박재형	한국소재융합연구원
PS-26	Enhancing Interfacial Adhesion of Acrylonitrile-butadiene-styrene Composites through Basalt Fiber and Modified Lignin Additives	김수진.이학용.장세연.신동호.명수완.이재창†	한국화학연구원 바이오화학연구센터
PS-27	Single-Step-Processed Optimization of Interfacial Characteristics in Organic Electronics by Simply Blending Organic Semiconductor and Double SAMs	고은* . 오수현** . 이화성†	한양대학교 재료화학공학과
PS-28	PCB 기판용 아크릴 수지의 형광 발현성에 대한 연구	표성현, 권용민, 곽보래, 권성헌, 송민석*	한진케미칼(주), 울산과학대학교 화학공학과*
PS-29	Synthesis and characterization of polyimide microparticles from 1,2-diphenylethane-1,2-diyl bis(4-aminobenzoate) and 4,4′-(Hexafluoroisopropylidene)diphthalic anhydride	Sivagangi Reddy Nagella and Chang-Sik Ha*	Department of Polymer Science and Engineering, School of Chemical Engineering, 부산대
PS-30	Study on Preparation and Properties of Thermoplastic Vulcanizates based on FVMQ, PP, and TPU	권지원.오정석*	Department of Materials Engineering and Convergence Technology, RIGET, 경상국립대
PS-31	Characterization of core-shell latex containing phosphorus synthesized by emulsion polymerization	박영은.박정완.류가연*.공호열	경상국립대학교 화학과, *경상국립대학교 분자제어연구소
PS-32	차세대 난연 소재: 인계 및 불소 기반 아크릴 폴리머의 합성과 특성화	조수현.박정완.류가연*.공호열	경상국립대학교 화학과, *경상국립대학교 분자제어연구소
PS-33	Study on Mechanical and Thermal properties of Ultra-High Molecular Weight Polypropylene-b-Polyethylene Copolymers with Polyethylene as a filler	정민기.Vishal Gavande.조하윤.서보길.이원기†	부경대학교 고분자공학전공*
PS-34	In Vitro Generation of Functional Salivary Gland Tissue-Engineering Using Catechol-Functionalized Nanofiber Scaffoldscc	Jeong Yun Lee1, Hyun Ho Shin2, Ji Hyun Ryu1,2,†	(1)원광대 탄소융합공학과, (2)Department of Convergence Engineering, 원광대
PS-35	Chitosan-gallic acid/Hyaluronic acid/Calcium Adhesive Patch for Wound Healing	김세아, 현다한, 신현호, 류지현†	원광대학교 탄소융합공학과
PS-36	Water-Soluble Poly(ethylene oxide)/Ginsenoside Compound K Complex for Anti-Cancer Therapy	Han Sol Kim1, Ji Hyun Ryu1,2†	(1)Department of Chemical Engineering, 원광대, (2)원광대 탄소융합공학과
PS-37	Study on the Characteristics of Bio-Based Adhesive Polymers as Alternatives to Petroleum-Based Polymers	민진규, 김이천, 이재룡, 이주홍, 임원빈, 배지홍, 허필호*	부산대학교 응용화학공학부*
PS-38	Bio-polyurethane adhesive reinforced with core shell rubber for improvement of mechanical properties	이근호.임원빈, 민진규, 이주홍, 이재룡, 김성호, 배지홍, 허필호	부산대학교 고분자공학과
PS-39	Extraction of γ-chitosan from insects and fabrication of PVA/γ-chitosan/kaolin nanofiber wound dressing using multi-needleless electrospinning system	장세연.이학용.김수진.신동호.명수완.이재창†	한국화학연구원 바이오화학연구센터
PS-40	Production of Fermentable Sugars from Sweet Sorghum Bagasse and Enzyme Immobilization onto Degradable Polymer Nanofiber for the Purification	주희a, 임다슬a,b, 김은비a,c, 이학용a, 이재창a, 명수완a,*	a한국화학연구원 바이오화학실용화센터, b연세대학교 화공생명공학과, c한양대학교 에너지공학과
PS-41	Dismantlable Polyurethane Adhesive: Study on the Effects of Heat Trigger and Type of Thermal Expansion Bead	임동혁, 김동호, 이진혁, 윤유미	한국소재융합연구원
PS-42	Study of Synthesis and Curing Characteristics of Moisture-Resistance Coating Agents Based on Reactive Silicon	Donghyeok Im†, Dongho Kim	한국소재융합연구원
PS-43	Property and Interface of graphene fluoride and MXene-based aramid nanofiber thermoconductive films with electromagnetic interference shielding effectiveness	김준범, 김성룡*	한국교통대학교 나노화학소재공학과
PS-44	Scalable Roll-to-Roll Fabrication of Large-Area Perovskite Solar Cells via Advanced Radiation Annealing	박건영[1,2], 김민재[1,3], 오준영[1], 김회민[3], 강보석[3], 조성근[1], 최우진[1], 김민[2], 함동석[1]	1, 한국화학연구원 2. 전북대학교 3. 성균관대학교