

# O Ok Park

## List of Publications by Year in descending order

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187  
papers

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docs citations

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times ranked

7391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally resistant, mechanically stable, and processable triphenylamine-based hyperbranched copolyimides. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49790.	2.6	3
2	Effects of Crystallinity and Molecular Weight on the Melting Behavior and Cell Morphology of Expanded Polypropylene in Bead Foam Manufacturing. <i>Macromolecular Research</i> , 2020, 28, 343-350.	2.4	10
3	Effect of Fiber Length on Mechanical Properties of Injection Molded Long-Fiber-Reinforced Thermoplastics. <i>Macromolecular Research</i> , 2020, 28, 433-444.	2.4	18
4	Tissue engineering with electrospun electro-responsive chitosan-aniline oligomer/polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 160-169.	7.5	75
5	Reproducible Dry Stamping Transfer of PEDOT:PSS Transparent Top Electrode for Flexible Semitransparent Metal Halide Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 10527-10534.	8.0	40
6	Effect of the Monomer Ratio on the Properties of Melt-Polymerized Polycarbonate. <i>Macromolecular Research</i> , 2019, 27, 1221-1228.	2.4	3
7	Synthesis of Single-Crystalline Hexagonal Graphene Quantum Dots from Solution Chemistry. <i>Nano Letters</i> , 2019, 19, 5437-5442.	9.1	57
8	Self-gelling electroactive hydrogels based on chitosan-aniline oligomers/agarose for neural tissue engineering with on-demand drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110549.	5.0	74
9	Electroactive bio-epoxy incorporated chitosan-oligoaniline as an advanced hydrogel coating for neural interfaces. <i>Progress in Organic Coatings</i> , 2019, 131, 389-396.	3.9	70
10	Enhanced Dielectric Constant, Ultralow Dielectric Loss, and High-Strength Imide-Functionalized Graphene Oxide/Hyperbranched Polyimide Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6555-6565.	3.1	19
11	A new method for mapping the three-dimensional atomic distribution within nanoparticles by atom probe tomography (APT). <i>Ultramicroscopy</i> , 2018, 190, 30-38.	1.9	51
12	Hierarchical honeycomb-patterned polydimethylsiloxane films with tunable nanostructures. <i>Microelectronic Engineering</i> , 2018, 195, 114-120.	2.4	2
13	A High Aspect Ratio Serpentine Structure for Use As a Strain-insensitive, Stretchable Transparent Conductor. <i>Small</i> , 2018, 14, 1702818.	10.0	32
14	Enhanced performance and mechanical durability of a flexible solar cell from the dry transfer of PEDOT:PSS with polymer nanoparticles. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4106-4113.	5.5	10
15	Work function optimization of vacuum free top-electrode by PEDOT:PSS/PEI interaction for efficient semi-transparent perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2018, 176, 435-440.	6.2	36
16	4-quinolin-8-yloxy Linked Triphenylamine Based Polyimides: Blue Light Emissive and Potential Hole-Transport Materials. <i>Journal of Fluorescence</i> , 2018, 28, 311-321.	2.5	5
17	Zigzag-Shaped Silver Nanoplates: Synthesis via Ostwald Ripening and Their Application in Highly Sensitive Strain Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 39134-39143.	8.0	28
18	Vacuum-process-based dry transfer of active layer with solvent additive for efficient organic photovoltaic devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1106-1112.	5.5	9

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19	Enhanced Sensitivity of Patterned Graphene Strain Sensors Used for Monitoring Subtle Human Body Motions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 11176-11183.	8.0	75
20	In situ synthesis of gold nanocrystal-embedded poly(dimethylsiloxane) films with nanostructured surface patterns. <i>Microelectronic Engineering</i> , 2017, 179, 1-6.	2.4	4
21	Low-Haze Microlens Arrays with Nano-Pores Fabricated with PMMA Particles for Flexible Polymer Light-Emitting Diodes. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5810-5813.	0.9	4
22	Electroactive Polyimides: Synthesis, Characterization and Photophysics. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 899-905.	1.9	4
23	Facile Synthesis of Composition- Controlled Graphene- Supported PtPd Alloy Nanocatalysts and Their Applications in Methanol Electro- Oxidation and Lithium- Oxygen Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 17136-17143.	3.3	15
24	High electrical conductivity and oxygen barrier property of polymer-stabilized graphene thin films. <i>Carbon</i> , 2017, 125, 492-499.	10.3	17
25	Synthesis and Photophysical Study of New Green Fluorescent TPA Based Poly(azomethine)s. <i>Journal of Fluorescence</i> , 2017, 27, 2177-2186.	2.5	12
26	Fluorescent, electroactive, thermally stable triphenylamine- and naphthalene- based polyimides for optoelectronic applications. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	11
27	Silver Transparent Electrodes Using Micro-Patterns Prepared from Polystyrene Colloidal Arrays. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5814-5817.	0.9	0
28	Novel microlens arrays with embedded Al <sub>2</sub> O <sub>3</sub> nanoparticles for enhancing efficiency and stability of flexible polymer light-emitting diodes. <i>RSC Advances</i> , 2016, 6, 65450-65458.	3.6	15
29	High molecular weight bio furan-based co-polyesters for food packaging applications: synthesis, characterization and solid-state polymerization. <i>Green Chemistry</i> , 2016, 18, 5142-5150.	9.0	95
30	Synthesis and characterization of blue light emitting redox-active polyimides bearing a noncoplanar fused carbazole- triphenylamine unit. <i>New Journal of Chemistry</i> , 2016, 40, 5285-5293.	2.8	18
31	Development of a PP/carbon/CNT composite electrode for the zinc/bromine redox flow battery. <i>Macromolecular Research</i> , 2016, 24, 276-281.	2.4	30
32	Poly(propylene)-grafted thermally reduced graphene oxide and its compatibilization effect on poly(propylene)- graphene nanocomposites. <i>RSC Advances</i> , 2016, 6, 87828-87835.	3.6	6
33	Synergistic effect of carbon nanotubes on the flame retardancy of poly(methyl methacrylate)/zinc oxalate nanocomposites. <i>Macromolecular Research</i> , 2016, 24, 777-781.	2.4	13
34	Enhanced performance of blue polymer light-emitting diodes by incorporation of Ag nanoparticles through the ligand-exchange process. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10445-10452.	5.5	14
35	Electrically bistable Ag nanocrystal-embedded metal- organic framework microneedles. <i>RSC Advances</i> , 2016, 6, 64885-64889.	3.6	14
36	Capacity Decay Mitigation by Asymmetric Positive/Negative Electrolyte Volumes in Vanadium Redox Flow Batteries. <i>ChemSusChem</i> , 2016, 9, 3181-3187.	6.8	29

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37	Effect of alicyclic monomers on thermal properties of transparent biodegradable polyesters. <i>Macromolecular Research</i> , 2016, 24, 609-616.	2.4	8
38	Hydrophilic polyurethane acrylate and its physical property for efficient fabrication of organic photovoltaic cells via stamping transfer. <i>Organic Electronics</i> , 2016, 31, 295-302.	2.6	6
39	Size-controlled gold nano-tetradecapods with tunable optical and electromagnetic properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3149-3156.	5.5	7
40	Graphene paper with controlled pore structure for high-performance cathodes in Li-O <sub>2</sub> batteries. <i>Carbon</i> , 2016, 100, 265-272.	10.3	42
41	Facile synthesis of palladium nanodendrites supported on graphene nanoplatelets: an efficient catalyst for low overpotentials in lithium-oxygen batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 578-586.	10.3	29
42	Highly Stretchable and Wearable Graphene Strain Sensors with Controllable Sensitivity for Human Motion Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6317-6324.	8.0	533
43	Synthesis of poly(3,4-ethylenedioxythiophene) : poly(styrene sulfonate)-capped silver nanoparticles and their application to blue polymer light-emitting diodes. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 534-539.	2.7	5
44	Effects of ligand exchanged CdSe quantum dot interlayer for inverted organic solar cells. <i>Organic Electronics</i> , 2015, 25, 44-49.	2.6	16
45	Flexible binder-free graphene paper cathodes for high-performance Li-O <sub>2</sub> batteries. <i>Carbon</i> , 2015, 93, 625-635.	10.3	74
46	Formation of compositional gradient profiles by using shear-induced polymer migration phenomenon under Couette flow field. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1422-1426.	2.7	0
47	Co-crystallization behavior of biodegradable poly(butylene succinate-co-adipate-co-terephthalate) copolyesters. <i>Macromolecular Research</i> , 2015, 23, 887-890.	2.4	2
48	Enhancing the dielectric properties of highly compatible new polyimide/ $\beta$ -ray irradiated MWCNT nanocomposites. <i>RSC Advances</i> , 2015, 5, 71183-71189.	3.6	16
49	Properties of isotactic polypropylene/atactic polypropylene blends. <i>Macromolecular Research</i> , 2015, 23, 809-813.	2.4	8
50	Facile fabrication of highly flexible graphene paper for high-performance flexible lithium ion battery anode. <i>RSC Advances</i> , 2015, 5, 3299-3305.	3.6	31
51	Comparison of mechanical properties of blended and synthesized biodegradable polyesters. <i>Macromolecular Research</i> , 2014, 22, 382-387.	2.4	7
52	Influence of acrylonitrile content in styrene-acrylonitrile copolymer on the phase morphology and interfacial tension in blends of polycarbonate/styrene-acrylonitrile copolymer. <i>Macromolecular Research</i> , 2014, 22, 146-153.	2.4	13
53	A new approach to determine rheological percolation of carbon nanotubes in microstructured polymer matrices. <i>Carbon</i> , 2014, 67, 64-71.	10.3	42
54	Hemispherical Arrays of Colloidal Crystals Fabricated by Transfer Printing. <i>Langmuir</i> , 2014, 30, 103-109.	3.5	18

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55	An investigation of physico-chemical properties of a new polyimide-silica composites. RSC Advances, 2014, 4, 46587-46594.	3.6	12
56	Morphology control and temporal growth of a continuous silver shell on core-shell spheres. CrystEngComm, 2014, 16, 5142.	2.6	13
57	An electrochemically grown three-dimensional porous Si@Ni inverse opal structure for high-performance Li ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 6396-6401.	10.3	27
58	Effect of annealing on the morphology of porous polypropylene hollow fiber membranes. Macromolecular Research, 2014, 22, 618-623.	2.4	12
59	Preferential positioning of $\hat{I}^3$ -ray treated multi-walled carbon nanotubes in polyamide 6,6/poly(p-phenylene ether) blends. Macromolecular Research, 2013, 21, 356-361.	2.4	9
60	Au@Pd nanostructures with tunable morphologies and sizes and their enhanced electrocatalytic activity. CrystEngComm, 2013, 15, 7113.	2.6	30
61	Au@Pd core-shell nanocubes with finely-controlled sizes. CrystEngComm, 2013, 15, 3385.	2.6	29
62	Robust synthesis of gold rhombic dodecahedra with well-controlled sizes and their optical properties. CrystEngComm, 2013, 15, 252-258.	2.6	19
63	Preparation and characterization of novel polyimide-silica hybrids. Polymers for Advanced Technologies, 2013, 24, 407-414.	3.2	10
64	Solution-processible corrugated structure and scattering layer for enhanced light extraction from organic light-emitting diodes. Journal of Information Display, 2012, 13, 151-157.	4.0	2
65	Stamping Transfer of a Quantum Dot Interlayer for Organic Photovoltaic Cells. Langmuir, 2012, 28, 9893-9898.	3.5	24
66	Enhanced light harvesting in bulk heterojunction photovoltaic devices with shape-controlled Ag nanomaterials: Ag nanoparticles versus Ag nanoplates. RSC Advances, 2012, 2, 7268.	3.6	57
67	Fabrication of syndiotactic polystyrene nanocomposites with exfoliated clay and their properties. Journal of Applied Polymer Science, 2012, 125, E630.	2.6	1
68	Hot embossing of polymeric nanostructures using poly(dimethylsiloxane) replica molds based on three-dimensional colloidal crystals. Microelectronic Engineering, 2012, 91, 121-126.	2.4	12
69	The role of non-solvent swelling in bulk hetero junction solar cells. Solar Energy Materials and Solar Cells, 2012, 102, 196-200.	6.2	10
70	Analysis of surface morphological changes in organic photovoltaic devices: bilayer versus bulk-heterojunction. Energy and Environmental Science, 2011, 4, 1434.	30.8	21
71	P $\hat{I}$ 75: Profile of Heterostructured Host for Phosphorescent OLED and its Application to the White Lighting Devices with Low Driving Voltage. Digest of Technical Papers SID International Symposium, 2011, 42, 1757-1759.	0.3	0
72	Enhanced Power Conversion Efficiency in PCDTBT/PC <sub>70</sub> BM Bulk Heterojunction Photovoltaic Devices with Embedded Silver Nanoparticle Clusters. Advanced Energy Materials, 2011, 1, 766-770.	19.5	242

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73	Rücktitelbild: Enhancement of Donor-Acceptor Polymer Bulk Heterojunction Solar Cell Power Conversion Efficiencies by Addition of Au Nanoparticles (Angew. Chem. 24/2011). Angewandte Chemie, 2011, 123, n/a-n/a.	2.0	0
74	Enhancement of Donor-Acceptor Polymer Bulk Heterojunction Solar Cell Power Conversion Efficiencies by Addition of Au Nanoparticles. Angewandte Chemie - International Edition, 2011, 50, 5519-5523.	13.8	334
75	Back Cover: Enhancement of Donor-Acceptor Polymer Bulk Heterojunction Solar Cell Power Conversion Efficiencies by Addition of Au Nanoparticles (Angew. Chem. Int. Ed. 24/2011). Angewandte Chemie - International Edition, 2011, 50, 5404-5404.	13.8	2
76	Electrical and rheological properties of polyamide 6,6/ $\beta$ -ray irradiated multi-walled carbon nanotube composites. Carbon, 2011, 49, 4024-4030.	10.3	29
77	P-91 : AC Plasma Display Panel with Gold Nano-particles Inserted into an MgO Protective Layer. Digest of Technical Papers SID International Symposium, 2010, 41, 1588.	0.3	1
78	Synthesis of highly monodisperse silica particles by addition of anionic surfactants. Macromolecular Research, 2010, 18, 321-323.	2.4	4
79	Size control of highly monodisperse polystyrene particles by modified dispersion polymerization. Macromolecular Research, 2010, 18, 935-943.	2.4	60
80	Roles of Interlayers in Efficient Organic Photovoltaic Devices. Macromolecular Rapid Communications, 2010, 31, 2095-2108.	3.9	92
81	Effect of the ordered 2D-dot nano-patterned anode for polymer solar cells. Organic Electronics, 2010, 11, 285-290.	2.6	30
82	Active layer transfer by stamping technique for polymer solar cells: Synergistic effect of TiO <sub>x</sub> interlayer. Organic Electronics, 2010, 11, 599-603.	2.6	22
83	Unexpected solid-solid intermixing in a bilayer of poly(3-hexylthiophene) and [6,6]-phenyl C <sub>61</sub> -butyric acidmethyl ester via stamping transfer. Organic Electronics, 2010, 11, 1376-1380.	2.6	37
84	Enhanced charge collection via nanoporous morphology in polymer solar cells. Applied Physics Letters, 2010, 96, 103304.	3.3	12
85	Photovoltaic Devices with an Active Layer from a Stamping Transfer Technique: Single Layer Versus Double Layer. Langmuir, 2010, 26, 9584-9588.	3.5	38
86	Solution-processable polymer based photovoltaic devices with concentration graded bilayers made via composition control of a poly(3-hexylthiophene)/[6,6]-phenyl C <sub>61</sub> -butyric acidmethyl ester. Journal of Materials Chemistry, 2010, 20, 4910.	6.7	25
87	Evolution of gold nanoparticles through Catalan, Archimedean, and Platonic solids. CrystEngComm, 2010, 12, 116-121.	2.6	48
88	The properties of n- and p-SiO:H inter-layers for thin-film silicon tandem solar cells. , 2009, , .		1
89	Fabrication of Ordered Nanostructured Arrays Using Poly(dimethylsiloxane) Replica Molds Based on Three-Dimensional Colloidal Crystals. Advanced Functional Materials, 2009, 19, 1594-1600.	14.9	52
90	Mechanical and thermal properties of poly(vinyl chloride)/ $\beta$ -methylstyrene/acrylonitrile blends prepared by melt extrusion. Journal of Applied Polymer Science, 2009, 111, 237-245.	2.6	15

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91	Extrusion coating performances of iPP/LDPE blends. Journal of Applied Polymer Science, 2009, 111, 3121-3127.	2.6	11
92	Effects of UV light-irradiated buffer layer on the performance of polymer solar cells. Organic Electronics, 2009, 10, 1641-1644.	2.6	27
93	Enhanced High-Temperature Long-Term Stability of Polymer Solar Cells with a Thermally Stable TiOx Interlayer. Journal of Physical Chemistry C, 2009, 113, 17268-17273.	3.1	60
94	Shape and Feature Size Control of Colloidal Crystal-Based Patterns Using Stretched Polydimethylsiloxane Replica Molds. Langmuir, 2009, 25, 12011-12014.	3.5	25
95	Solution-processable polymer solar cells from a poly(3-hexylthiophene)/[6,6]-phenyl C61-butyric acidmethyl ester concentration graded bilayers. Applied Physics Letters, 2009, 95, 043505.	3.3	62
96	New approach for nanoscale morphology of polymer solar cells. Solar Energy Materials and Solar Cells, 2008, 92, 1188-1191.	6.2	14
97	Low vacuum process for polymer solar cells: Effect of TiOx interlayer. Applied Physics Letters, 2008, 92, 143504.	3.3	37
98	Electroluminescent Characteristics of Conjugated Polymer/Ionomer Blend Devices According to Ionic Contents. Molecular Crystals and Liquid Crystals, 2006, 444, 107-112.	0.9	0
99	Commercial scale fabrication method for fabricating a gradient refractive-index rod: overcoming volume shrinkage and chemical restrictions. Applied Optics, 2006, 45, 7239.	2.1	1
100	P-197: Polymer Nanocomposite Blue-Light-Emitting Diodes. Digest of Technical Papers SID International Symposium, 2006, 37, 968.	0.3	0
101	Improved asymmetric electrochemical capacitor using Zn-Co co-doped Ni(OH) <sub>2</sub> positive electrode material. Applied Physics A: Materials Science and Processing, 2006, 82, 593-597.	2.3	40
102	Effects of organoclay modification on microstructure and properties of polypropylene-organoclay nanocomposites. Journal of Applied Polymer Science, 2006, 99, 1752-1759.	2.6	37
103	Fabrication of a graded-index polymer optical fiber preform without cavity via the automatic refilling process. Journal of Applied Polymer Science, 2006, 99, 2395-2400.	2.6	0
104	Filled polymer nanocomposites containing functionalized nanoparticles. , 2006, , 389-411.		1
105	Photorefractive properties in poly(N-vinylcarbazole)/CdSe nanocomposites through chemical hybridization. Applied Physics Letters, 2006, 89, 193101.	3.3	16
106	Fabrication of a gradient refractive index preform using laminar shear mixing. Journal of Applied Polymer Science, 2005, 95, 1100-1104.	2.6	2
107	Energy transfer in a multilayer film via spin self-assembly. Optical Materials, 2005, 27, 1410-1414.	3.6	2
108	WHITE-ELECTROLUMINESCENCE DEVICE BASED ON POLYMER/QUANTUM DOT NANOCOMPOSITES. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 481-486.	1.8	7



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109	FABRICATION OF PATTERNED ELECTROLUMINESCENT POLYMERS WITH MICROCONTACT PRINTING. Journal of Nonlinear Optical Physics and Materials, 2004, 13, 643-647.	1.8	1
110	Reorientation of colloidal crystalline domains by a thinning meniscus. Macromolecular Research, 2004, 12, 189-194.	2.4	8
111	Thermal and mechanical properties of syndiotactic polystyrene/organoclay nanocomposites with different microstructures. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 1685-1693.	2.1	44
112	Effect of diblock copolymers on morphology and mechanical properties for syndiotactic polystyrene/ethylene-propylene copolymer blends. Journal of Applied Polymer Science, 2004, 91, 3618-3626.	2.6	13
113	Synthesis and material properties of syndiotactic polystyrene/organophilic clay nanocomposites. Journal of Applied Polymer Science, 2004, 92, 2144-2150.	2.6	39
114	Multiple-layered colloidal assemblies via dipping method with an external electric field. Macromolecular Research, 2003, 11, 110-114.	2.4	6
115	Generation of graded index profile of poly(methyl methacrylate) by a photochemical reaction. Macromolecular Research, 2003, 11, 236-240.	2.4	4
116	Enhancement of Photostability in Blue-Light-Emitting Polymers Doped with Gold Nanoparticles. Macromolecular Rapid Communications, 2003, 24, 331-334.	3.9	36
117	Preparation and characterization of poly(hydroxybutyrate-co-hydroxyvalerate)-organoclay nanocomposites. Journal of Applied Polymer Science, 2003, 90, 525-529.	2.6	133
118	Gold nanolayer-encapsulated silica particles synthesized by surface seeding and shell growing method: near infrared responsive materials. Journal of Colloid and Interface Science, 2003, 263, 449-453.	9.4	76
119	Fabrication and characterization of nanostructured poly(p-phenylene vinylene)-layered silicate materials. Optical Materials, 2003, 21, 187-190.	3.6	3
120	Observation of the photorefractive behaviors in the polymer nanocomposite based on p-PMEH-PPV/CdSe-nanoparticle matrix. Optical Materials, 2003, 21, 365-371.	3.6	15
121	Enhanced photo-stability of conjugated polymer nanocomposites doped with functionalized nanoparticles. Optical Materials, 2003, 21, 585-589.	3.6	6
122	Three-dimensional self-assembly by ice crystallization. Applied Physics Letters, 2002, 80, 4133-4135.	3.3	14
123	Fabrication of a graded-index polymer optical fiber preform without a cavity by inclusion of an additional monomer under a centrifugal force field. Applied Optics, 2002, 41, 1858.	2.1	11
124	High-efficiency polymer light-emitting devices using organic salts: A multilayer structure to improve light-emitting electrochemical cells. Applied Physics Letters, 2002, 81, 214-216.	3.3	46
125	Photorefractive behaviors in a polymer composite including layered silicates. Applied Clay Science, 2002, 21, 277-285.	5.2	1
126	Improved environmental stability in poly(p-phenylene vinylene)/layered silicate nanocomposite. Applied Clay Science, 2002, 21, 287-293.	5.2	30



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127	Nanocomposite structure depending on the degree of surface treatment of layered silicate. Journal of Applied Polymer Science, 2002, 83, 2143-2147.	2.6	33
128	Preparation and characterization of syndiotactic polystyrene/ethylene-propylene copolymer blends. Journal of Applied Polymer Science, 2002, 85, 2084-2091.	2.6	8
129	Fabrication of a graded-index polymer optical fiber preform by using a centrifugal force. Korean Journal of Chemical Engineering, 2002, 19, 505-509.	2.7	18
130	Optical properties and characteristics of the cdse nanoparticles synthesized at room temperature. Korean Journal of Chemical Engineering, 2002, 19, 529-533.	2.7	15
131	Determination of molecular weight and its distribution of flexible chain polymer by phase-modulated flow birefringence technique. Korean Journal of Chemical Engineering, 2002, 19, 331-336.	2.7	0
132	Photoluminescence characteristics of a highly soluble fullerene-containing polymer. Macromolecular Research, 2002, 10, 278-281.	2.4	5
133	A novel preparation method of maleic anhydride grafted syndiotactic polystyrene and its blend performance with nylon6. Polymer Bulletin, 2002, 48, 397-405.	3.3	23
134	Effect of multifunctional comonomers on the properties of poly(ethylene terephthalate) copolymers. Polymer International, 2002, 51, 134-139.	3.1	8
135	Enhanced quantum efficiency in polymer/layered silicate nanocomposite light-emitting devices. Synthetic Metals, 2001, 121, 1737-1738.	3.9	7
136	Rheological properties and dispersion stability of magnetorheological (MR) suspensions. Rheologica Acta, 2001, 40, 211-219.	2.4	151
137	Analysis of the bowing phenomenon in the tenter process of biaxially oriented polypropylene film. Korean Journal of Chemical Engineering, 2001, 18, 317-321.	2.7	2
138	Rheological properties and stability of magnetorheological fluids using viscoelastic medium and nanoadditives. Korean Journal of Chemical Engineering, 2001, 18, 580-585.	2.7	47
139	Microstructure and rheological behavior of block copolymer/clay nanocomposites. Korean Journal of Chemical Engineering, 2001, 18, 21-25.	2.7	12
140	Morphology evolution in PS/LDPE blends in a twin screw extruder: Effects of compatibilizer. Korean Journal of Chemical Engineering, 2001, 18, 33-39.	2.7	4
141	Electrorheological responses of particulate suspensions and emulsions in a small-strain dynamic shear flow: Viscoelasticity and yielding phenomena. Korean Journal of Chemical Engineering, 2001, 18, 54-60.	2.7	6
142	Carrier mobilities of polymer/organo-clay nanocomposite electroluminescent devices. Thin Solid Films, 2001, 393, 347-351.	1.8	11
143	Synthesis, characterization and biodegradability of the biodegradable aliphatic aromatic random copolyesters. Polymer, 2001, 42, 1849-1861.	3.8	152
144	White Emission from a Polymer Blend Light-Emitting Diode by Incomplete Cascade Energy Transfer. Molecular Crystals and Liquid Crystals, 2001, 371, 435-438.	0.3	3

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145	Polymer light-emitting devices using ionomers as an electron injecting and hole blocking layer. <i>Journal of Applied Physics</i> , 2001, 90, 2128-2134.	2.5	58
146	Use of a Single Anionic Conductor as a Hole-Injecting Material for Polymer Light-Emitting Diodes. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 371, 207-210.	0.3	1
147	Luminescent Spectral Changes in Polymer Light-Emitting Diodes after Heat Treatments. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 349, 451-454.	0.3	4
148	Improved Quantum Efficiency by Overneutralization of Ionomers Used in Polymer Light-Emitting Diodes. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 349, 455-458.	0.3	1
149	Determination of molecular weight and its distribution of rigid-rod polymers determined by phase-modulated flow birefringence technique. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 509-515.	2.1	4
150	Preparation of the anhydride terminated polycarbonate and its reactive compatibilization with polystyrene. <i>Journal of Applied Polymer Science</i> , 2000, 77, 1338-1347.	2.6	5
151	Nonisothermal crystallization behavior of SPS/APS blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 3001-3008.	2.1	20
152	Modification of poly(vinyl cinnamate) photo-alignment layers using polymerizable mesogens. <i>Korean Journal of Chemical Engineering</i> , 2000, 17, 17-21.	2.7	2
153	Effect of electrical annealing on the luminous efficiency of thermally annealed polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2000, 77, 3334-3336.	3.3	53
154	Improvement of quantum efficiency in polymer light-emitting diodes by a single-ion conductor. <i>Applied Physics Letters</i> , 2000, 76, 3161-3163.	3.3	26
155	Rheology and microstructures of electrorheological fluids containing both dispersed particles and liquid drops in a continuous phase. <i>Journal of Rheology</i> , 2000, 44, 397-412.	2.6	34
156	Miscibility and Biodegradability of Poly(Butylene Succinate)/Poly(Butylene Terephthalate) Blends. <i>Journal of Polymers and the Environment</i> , 1999, 7, 53-66.	5.0	20
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