

Seung-Yeop Kwak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6655881/publications.pdf>

Version: 2024-02-01

120
papers

4,903
citations

109264

35
h-index

106281

65
g-index

120
all docs

120
docs citations

120
times ranked

6433
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a highly stretchable cellulose with internally and externally dual-plasticized structure. <i>European Polymer Journal</i> , 2022, 162, 110882.	2.6	5
2	Switchable degradation of cellulose acetate composite by seawater-activated TiO ₂ photocatalyst. <i>Cellulose</i> , 2022, 29, 1501-1508.	2.4	4
3	Mechanochemically Synthesized Prussian Blue for Efficient Removal of Cesium Ions from Aqueous Solutions. <i>ACS Omega</i> , 2022, 7, 3222-3229.	1.6	9
4	A facile strategy for enhancing tensile toughness of poly(lactic acid) (PLA) by blending of a cellulose bio-toughener bearing a highly branched polycaprolactone. <i>European Polymer Journal</i> , 2022, 175, 111376.	2.6	16
5	Facile Sonochemical Synthesis of Flexible Fe-Based Metal-Organic Frameworks and Their Efficient Removal of Organic Contaminants from Aqueous Solutions. <i>ACS Omega</i> , 2022, 7, 23213-23222.	1.6	22
6	Remarkable thermoplasticity of branched cellulose copolymers: Graft-chain-dependent structural transition and thermoplasticity. <i>Carbohydrate Polymers</i> , 2021, 261, 117862.	5.1	9
7	Enhancement of tensile toughness of poly(lactic acid) (PLA) through blending of a polydecalactone-grafted cellulose copolymer: The effect of mesophase transition on mechanical properties. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1103-1113.	3.6	19
8	Comparison of glass transition dynamics between fluorophore-labeled and -doped flexible Poly(vinyl) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	1.8	1
9	Branched polyethylenimine-polyethylene glycol- α -cyclodextrin polymers for efficient removal of bisphenol A and copper from wastewater. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48475.	1.3	22
10	Arm-length-dependent phase transformation and dual dynamic healing behavior of supramolecular networks consisting of ureidopyrimidinone-end-functionalized semi-crystalline star polymers. <i>European Polymer Journal</i> , 2020, 138, 109976.	2.6	7
11	A regenerable antifouling membrane bearing a photoresponsive crosslinked polyethylenimine layer. <i>Journal of Membrane Science</i> , 2020, 604, 117955.	4.1	7
12	Recovery of hydrochloric acid using positively-charged nanofiltration membrane with selective acid permeability and acid resistance. <i>Journal of Environmental Management</i> , 2020, 260, 110001.	3.8	20
13	Functional mesoporous silica with controlled pore size for selective adsorption of free fatty acid and chlorophyll. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110410.	2.2	13
14	Effect of nanoscale confinement on molecular mobility and drug release properties of cellulose acetate/sulindac nanofibers. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47863.	1.3	10
15	Self-reinforcement of alginate hydrogel via conformational control. <i>European Polymer Journal</i> , 2019, 116, 480-487.	2.6	13
16	Understanding and controlling the self-healing behavior of 2-ureido-4[1H]-pyrimidinone-functionalized clustery and dendritic dual dynamic supramolecular network. <i>Polymer</i> , 2019, 172, 13-26.	1.8	13
17	Thermally regenerable multi-functional membrane for heavy-metal detection and removal. <i>Journal of Water Process Engineering</i> , 2019, 29, 100757.	2.6	18
18	Manganese oxides with hierarchical structures derived from coordination polymers and their enhanced catalytic activity at low temperature for selective catalytic reduction of NO _x . <i>Dalton Transactions</i> , 2019, 48, 16395-16401.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Rapid adsorption of bisphenol A from wastewater by β -cyclodextrin-functionalized mesoporous magnetic clusters. <i>Applied Surface Science</i> , 2019, 467-468, 178-184.	3.1	49
20	Mn-Doped Maghemite (Fe_2O_3) from Metal-Organic Framework Accompanying Redox Reaction in a Bimetallic System: The Structural Phase Transitions and Catalytic Activity toward NO _x Removal. <i>ACS Omega</i> , 2018, 3, 2634-2640.	1.6	38
21	Fouling-resistant microfiltration membrane modified with magnetite nanoparticles by reversible conjugation. <i>Separation and Purification Technology</i> , 2018, 202, 299-306.	3.9	16
22	Ion-exchange composite membranes pore-filled with sulfonated poly(ether ether ketone) and Engelhard titanasilicate-10 for improved performance of vanadium redox flow batteries. <i>Journal of Power Sources</i> , 2018, 383, 1-9.	4.0	69
23	Hydrophilic and positively charged polyethylenimine-functionalized mesoporous magnetic clusters for highly efficient removal of Pb(II) and Cr(VI) from wastewater. <i>Journal of Environmental Management</i> , 2018, 206, 740-748.	3.8	25
24	Highly Branched Polycaprolactone/Glycidol Copolymeric Green Plasticizer by One-Pot Solvent-Free Polymerization. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9006-9017.	3.2	55
25	Confinement-Induced Change in Chain Topology of Ultrathin Polymer Fibers. <i>Macromolecules</i> , 2018, 51, 4229-4237.	2.2	8
26	Recovery of sulfuric acid aqueous solution from copper-refining sulfuric acid wastewater using nanofiltration membrane process. <i>Journal of Environmental Management</i> , 2018, 223, 652-657.	3.8	45
27	Solvent-assisted heat treatment for enhanced chemical stability and mechanical strength of meta-aramid nanofibers. <i>European Polymer Journal</i> , 2018, 107, 46-53.	2.6	17
28	Tunable multilayer assemblies of nanofibrous composite mats as permeable protective materials against chemical warfare agents. <i>RSC Advances</i> , 2017, 7, 9964-9974.	1.7	12
29	Efficient and selective removal of heavy metals using microporous layered silicate AMH-3 as sorbent. <i>Chemical Engineering Journal</i> , 2017, 313, 975-982.	6.6	46
30	Sulfonated poly(ether ether ketone) composite membranes containing microporous layered silicate AMH-3 for improved membrane performance in vanadium redox flow batteries. <i>Electrochimica Acta</i> , 2017, 243, 220-227.	2.6	32
31	Amphiphobic meta-aramid nanofiber mat with improved chemical stability and mechanical properties. <i>European Polymer Journal</i> , 2017, 91, 111-120.	2.6	30
32	Formation of cellulose-carbene complex via depolymerization in ILs: Dependence of IL types on kinetics, conformation and dispersity. <i>Carbohydrate Polymers</i> , 2017, 159, 86-93.	5.1	5
33	Tubular Superstructures Composed of β -Fe ₂ O ₃ Nanoparticles from Pyrolysis of Metal-Organic Frameworks in a Confined Space: Effect on Morphology, Particle Size, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2017, 17, 4496-4500.	1.4	21
34	Flexible Poly(vinyl chloride) Nanocomposites Reinforced with Hyperbranched Polyglycerol-Functionalized Graphene Oxide for Enhanced Gas Barrier Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33149-33158.	4.0	28
35	Magnetic core-hydrophilic shell nanosphere as stability-enhanced draw solute for forward osmosis (FO) application. <i>Desalination</i> , 2016, 397, 22-29.	4.0	32
36	Amplified visible light photocatalytic activity of mesoporous TiO ₂ /ZnPc hybrid by cascade Mie light scattering. <i>Microporous and Mesoporous Materials</i> , 2016, 227, 169-175.	2.2	11

#	ARTICLE	IF	CITATIONS
37	Structurally Enhanced Self-Plasticization of Poly(vinyl chloride) via Click Grafting of Hyperbranched Polyglycerol. <i>Macromolecular Rapid Communications</i> , 2016, 37, 2045-2051.	2.0	51
38	Photon correlation dynamics of unentangled star-shaped poly(μ -caprolactone)s with extremely small branches and its interaction with plasticization in miscible blend system. <i>Polymer</i> , 2016, 103, 19-26.	1.8	2
39	Comparing the influence of acetate and chloride anions on the structure of ionic liquid pretreated lignocellulosic biomass. <i>Biomass and Bioenergy</i> , 2016, 93, 243-253.	2.9	49
40	Versatile surface charge-mediated anti-fouling UF/MF membrane comprising charged hyperbranched polyglycerols (HPGs) and PVDF membranes. <i>RSC Advances</i> , 2016, 6, 88959-88966.	1.7	23
41	Synthesis and characterization of bio-based alkyl terminal hyperbranched polyglycerols: a detailed study of their plasticization effect and migration resistance. <i>Green Chemistry</i> , 2016, 18, 999-1009.	4.6	69
42	Highly ordered cellulose II crystalline regenerated from cellulose hydrolyzed by 1-butyl-3-methylimidazolium chloride. <i>Carbohydrate Polymers</i> , 2016, 137, 321-327.	5.1	21
43	Dependence of photocatalytic and antimicrobial activity of electrospun polymeric nanofiber composites on the positioning of Ag@TiO ₂ nanoparticles. <i>Composites Science and Technology</i> , 2015, 117, 9-17.	3.8	33
44	Total-molecular-weight-dependent Rouse dynamic of ultra-small branched star poly(μ -caprolactone)s as a single coarse-grain unit. <i>Polymer</i> , 2015, 79, 91-98.	1.8	4
45	Synthesis of ultra-small branched star poly(μ -caprolactone)s and their high end group concentration effects on crystallization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1134-1142.	2.5	9
46	Anti-scaling ultrafiltration/microfiltration (UF/MF) polyvinylidene fluoride (PVDF) membranes with positive surface charges for Ca ²⁺ /silica-rich wastewater treatment. <i>Journal of Membrane Science</i> , 2015, 480, 122-128.	4.1	27
47	Adsorption-assisted photocatalytic activity of nitrogen and sulfur codoped TiO ₂ under visible light irradiation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17279-17287.	1.3	26
48	Regenerable anti-fouling active PTFE membrane with thermo-reversible "peel-and-stick" hydrophilic layer. <i>Journal of Membrane Science</i> , 2015, 491, 1-9.	4.1	29
49	Probing the Role of Side-Chain Interconnecting Groups in the Structural Hydrophobicity of Comblike Fluorinated Polystyrene by Solid-State NMR Spectroscopy. <i>Langmuir</i> , 2015, 31, 9473-9482.	1.6	6
50	Enhancement of hydrogen storage capacity and hydrostability of metal-organic frameworks (MOFs) with surface-loaded platinum nanoparticles and carbon black. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 8-15.	2.2	56
51	Unentangled Star-Shape Poly(μ -caprolactone)s as Phthalate-Free PVC Plasticizers Designed for Non-Toxicity and Improved Migration Resistance. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11118-11128.	4.0	80
52	A new architecture of bowl-type mesoporous TiO ₂ via facile electrospray method. <i>Microporous and Mesoporous Materials</i> , 2014, 198, 170-174.	2.2	3
53	Nafion-based composite membrane with a permselective layered silicate layer for vanadium redox flow battery. <i>Electrochemistry Communications</i> , 2014, 38, 68-70.	2.3	51
54	Amphiphilic Thiol Functional Linker Mediated Sustainable Anti-Biofouling Ultrafiltration Nanocomposite Comprising a Silver Nanoparticles and Poly(vinylidene fluoride) Membrane. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10705-10714.	4.0	63

#	ARTICLE	IF	CITATIONS
55	Surface functionalization of PTFE membranes with hyperbranched poly(amidoamine) for the removal of Cu ²⁺ ions from aqueous solution. <i>Journal of Membrane Science</i> , 2013, 448, 125-134.	4.1	86
56	Delamination of microporous layered silicate by acid-hydrothermal treatment and its use for reduction of methanol crossover in DMFC. <i>Microporous and Mesoporous Materials</i> , 2013, 168, 148-154.	2.2	12
57	Highly dispersed mesoporous TiO ₂ spheres via acid treatment and its application for dye-sensitized solar cells. <i>Powder Technology</i> , 2013, 243, 130-138.	2.1	17
58	Integrating global education program into engineering curriculum: Developing global engineering education program at GECE. , 2012, , .		0
59	Understanding and controlling gold nanoparticle formation from a robust self-assembled cyclodextrin solid template. <i>Journal of Materials Chemistry</i> , 2012, 22, 6017.	6.7	14
60	Covalent assembly of metal nanoparticles on cellulose fabric and its antimicrobial activity. <i>Cellulose</i> , 2012, 19, 2141-2151.	2.4	53
61	Nafion/microporous titanasilicate ETS-4 composite membranes for effective methanol crossover reduction in direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2012, 415-416, 353-359.	4.1	20
62	Carbon quantum dots embedded with mesoporous hematite nanospheres as efficient visible light-active photocatalysts. <i>Journal of Materials Chemistry</i> , 2012, 22, 8345.	6.7	227
63	Gelation/fusion behavior of PVC plastisol with a cyclodextrin derivative and an anti-migration plasticizer in flexible PVC. <i>European Polymer Journal</i> , 2012, 48, 885-895.	2.6	24
64	Hyperbranched poly(amidoamine)/polysulfone composite membranes for Cd(II) removal from water. <i>Journal of Membrane Science</i> , 2012, 396, 83-91.	4.1	68
65	Functionalization of polysulfone hollow fiber membranes with amphiphilic β -cyclodextrin and their applications for the removal of endocrine disrupting plasticizer. <i>Journal of Membrane Science</i> , 2012, 409-410, 75-81.	4.1	38
66	Self-assembled mesoporous Co and Ni-ferrite spherical clusters consisting of spinel nanocrystals prepared using a template-free approach. <i>Dalton Transactions</i> , 2011, 40, 9989.	1.6	55
67	TiO ₂ -encapsulating PVC capable of catalytic self-suppression of dioxin emission in waste incineration as an eco-friendly alternative to conventional PVC. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 193-200.	10.8	22
68	Pore Size Distribution Analysis of Mesoporous TiO ₂ Spheres by ¹ H Nuclear Magnetic Resonance (NMR) Cryoporometry. <i>Journal of Physical Chemistry C</i> , 2010, 114, 17440-17445.	1.5	25
69	Assembly of magnetite nanocrystals into spherical mesoporous aggregates with a 3-D wormhole-like pore structure. <i>Journal of Materials Chemistry</i> , 2010, 20, 8320.	6.7	142
70	Solubilization and polymer analogous reactions of polyepichlorohydrin in ionic liquids. <i>Journal of Applied Polymer Science</i> , 2009, 114, 132-138.	1.3	6
71	Application of strain-time correspondence as a tool for structural analysis of acrylonitrile-butadiene copolymer nanocomposites with various organoclay loadings. <i>European Polymer Journal</i> , 2009, 45, 79-87.	2.6	5
72	Photocatalytic Inactivation of <i>E. coli</i> with a Mesoporous TiO ₂ Coated Film Using the Film Adhesion Method. <i>Environmental Science & Technology</i> , 2009, 43, 148-151.	4.6	69

#	ARTICLE	IF	CITATIONS
73	Nafion/sulfated β -cyclodextrin composite membranes for direct methanol fuel cells. <i>Journal of Power Sources</i> , 2008, 185, 49-54.	4.0	29
74	Thermally stable exfoliated poly(ethylene terephthalate) (PET) nanocomposites as prepared by selective removal of organic modifiers of layered silicate. <i>Polymer Degradation and Stability</i> , 2008, 93, 252-259.	2.7	34
75	Nonisothermal crystallization behavior of exfoliated poly(ethylene terephthalate)-layered silicate nanocomposites in the presence and absence of organic modifier. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 989-999.	2.4	14
76	Effect of endgroup modification on dynamic viscoelastic relaxation and motion of hyperbranched poly(ether ketone)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2079-2089.	2.4	2
77	^1H nuclear magnetic resonance (NMR) cryoporometry as a tool to determine the pore size distribution of ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2008, 309, 233-238.	4.1	28
78	Reduced Migration from Flexible Poly(vinyl chloride) of a Plasticizer Containing β -Cyclodextrin Derivative. <i>Environmental Science & Technology</i> , 2008, 42, 7522-7527.	4.6	60
79	Microscopy and Microanalysis of Reverse-Osmosis and Nanofiltration Membranes. <i>MRS Bulletin</i> , 2008, 33, 27-32.	1.7	93
80	Suppression of Dioxin Emission in Co-Incineration of Poly(vinyl Chloride) with TiO_2 -Encapsulating Polystyrene. <i>Environmental Science & Technology</i> , 2007, 41, 5833-5838.	4.6	20
81	Hyperbranched Poly(μ -caprolactone) as a Nonmigrating Alternative Plasticizer for Phthalates in Flexible PVC. <i>Environmental Science & Technology</i> , 2007, 41, 3763-3768.	4.6	78
82	Supramolecular Self-Assembly of Architecturally Variant β -Cyclodextrin Inclusion Complexes as Building Blocks of Hexagonally Aligned Microfibrils. <i>Macromolecules</i> , 2007, 40, 4225-4234.	2.2	33
83	Ionic Cluster Size Distributions of Swollen Nafion/Sulfated β -Cyclodextrin Membranes Characterized by Nuclear Magnetic Resonance Cryoporometry. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9437-9443.	1.2	31
84	Evaluation of the Degree of Exfoliation in Poly(μ -caprolactone)/Organoclay Nanocomposites Based on Viscoelastic Relaxation. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 627-633.	1.7	13
85	The hydrothermal synthesis of mesoporous TiO_2 with high crystallinity, thermal stability, large surface area, and enhanced photocatalytic activity. <i>Applied Catalysis A: General</i> , 2007, 323, 110-118.	2.2	266
86	Determination of the glass transition temperature of polymer/layered silicate nanocomposites from positron annihilation lifetime measurements. <i>Polymer</i> , 2007, 48, 4271-4277.	1.8	38
87	Synthesis and photocatalytic activity of mesoporous TiO_2 with the surface area, crystallite size, and pore size. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 85-91.	5.0	224
88	Influence of hyperbranched against linear architecture on crystallization behavior of poly(ϵ -caprolactone)s in binary blends with poly(vinyl chloride). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 577-589.	2.4	8
89	Effects of addition of TiO_2 nanoparticles on mechanical properties and ionic conductivity of solvent-free polymer electrolytes based on porous P(VdF-HFP)/P(EO-EC) membranes. <i>Journal of Power Sources</i> , 2006, 162, 1304-1311.	4.0	61
90	Pore-filling solvent-free polymer electrolytes based on porous P(VdF-HFP)/P(EO-EC) membranes for rechargeable lithium batteries. <i>Journal of Membrane Science</i> , 2006, 286, 15-21.	4.1	9

#	ARTICLE	IF	CITATIONS
91	Non-Isothermal Crystallization of Hyperbranched Poly(ϵ -caprolactone)s and Their Linear Counterpart. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1166-1173.	1.1	14
92	Solvent-free polymer electrolytes based on thermally annealed porous P(VdF-HFP)/P(EO-EC) membranes. <i>Journal of Power Sources</i> , 2005, 143, 219-226.	4.0	29
93	Wear-Resistant Ultra High Molecular Weight Polyethylene/Zirconia Composites Prepared by in situ Ziegler-Natta Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 945-950.	1.1	24
94	Synthesis and characterization of a series of star-branched poly(μ -caprolactone)s with the variation in arm numbers and lengths. <i>Polymer</i> , 2005, 46, 9725-9735.	1.8	35
95	Solvent-Free Polymer Electrolytes. <i>Journal of the Electrochemical Society</i> , 2005, 152, A1583.	1.3	26
96	Viscoelastic Relaxation and Molecular Mobility of Hyperbranched Poly(μ -caprolactone)s in Their Melt State. <i>Chemistry of Materials</i> , 2005, 17, 1148-1156.	3.2	21
97	Positron Annihilation Spectroscopic Evidence to Demonstrate the Flux-Enhancement Mechanism in Morphology-Controlled Thin-Film-Composite (TFC) Membrane. <i>Environmental Science & Technology</i> , 2005, 39, 1764-1770.	4.6	407
98	Effect of dendritic architecture on localized free volume of poly(ether ketone)s as probed by positron annihilation spectroscopy. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3853-3859.	2.5	4
99	Concentration fluctuation and cooperative chain mobility of hyperbranched poly(μ -caprolactone)s investigated by photon correlation spectroscopy. <i>Polymer</i> , 2004, 45, 7173-7183.	1.8	9
100	Amelioration of mechanical brittleness in hyperbranched polymer. 1. Macroscopic evaluation by dynamic viscoelastic relaxation. <i>Polymer</i> , 2004, 45, 6889-6896.	1.8	23
101	Molecular-level free volume as a crucial complementary factor affecting miscibility and nanoscopic homogeneity of polyarylate/poly(vinyl chloride) blends. <i>Polymer</i> , 2004, 45, 8153-8163.	1.8	7
102	Architectural Effects of Poly(μ -caprolactone)s on the Crystallization Kinetics. <i>Macromolecules</i> , 2004, 37, 3745-3754.	2.2	37
103	Effect of Thermal History on Structural Changes in Melt-Intercalated Poly(-caprolactone)/Organoclay Nanocomposites Investigated by Dynamic Viscoelastic Relaxation Measurements. <i>Macromolecular Materials and Engineering</i> , 2003, 288, 503-508.	1.7	23
104	Synthesis and Characterization of Hyperbranched Poly(μ -caprolactone)s Having Different Lengths of Homologous Backbone Segments. <i>Macromolecules</i> , 2003, 36, 8630-8637.	2.2	73
105	Synthesis of highly crosslinked monodisperse polymer particles: Effect of reaction parameters on the size and size distribution. <i>Journal of Polymer Science Part A</i> , 2002, 40, 4368-4377.	2.5	53
106	Structure-Motion-Performance Relationship of Flux-Enhanced Reverse Osmosis (RO) Membranes Composed of Aromatic Polyamide Thin Films. <i>Environmental Science & Technology</i> , 2001, 35, 4334-4340.	4.6	191
107	Correlation between local mobility and mechanical properties of high-speed melt-spun nylon-6 fibers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 993-1000.	2.4	7
108	Details of Dynamic Mechanical Properties of Dendritic Poly(ether ketone)s in Conjunction with their Highly Branched Structure and Degree of Branching. <i>Macromolecular Materials and Engineering</i> , 2001, 286, 17-25.	1.7	10

#	ARTICLE	IF	CITATIONS
109	Synthesis and Mesomorphic Properties of Poly(oxyethylene) with [(6-Heptylsulfonyl)hexylthio]methyl Side Groups. <i>Macromolecular Rapid Communications</i> , 2001, 22, 815-819.	2.0	14
110	Hybrid Organic/Inorganic Reverse Osmosis (RO) Membrane for Bactericidal Anti-Fouling. 1. Preparation and Characterization of TiO ₂ Nanoparticle Self-Assembled Aromatic Polyamide Thin-Film-Composite (TFC) Membrane. <i>Environmental Science & Technology</i> , 2001, 35, 2388-2394.	4.6	432
111	Synthesis and Mesomorphic Properties of Poly(oxyethylene) with [(6-Heptylsulfonyl)hexylthio]methyl Side Groups. <i>Macromolecular Rapid Communications</i> , 2001, 22, 815.	2.0	1
112	Processability of Hyperbranched Poly(ether ketone)s with Different Degrees of Branching from Viewpoints of Molecular Mobility and Comparison with Their Linear Analogue. <i>Macromolecules</i> , 2000, 33, 7557-7563.	2.2	47
113	Molecular Relaxation and Local Motion of Hyperbranched Poly(ether ketone)s with Reference to Their Linear Counterpart. 1. Effect of Degrees of Branching. <i>Macromolecules</i> , 2000, 33, 5536-5543.	2.2	31
114	Effect of molecular structure of polyarylates on the compatibility in polyarylate/poly(vinyl chloride) blends. <i>Journal of Applied Polymer Science</i> , 1998, 70, 2173-2180.	1.3	7
115	Morphology Formation in Mixing of Copolyester Thermoplastic Elastomer (Hytrel) with Poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overload Macromolecules, 1996, 29, 3521-3524.	2.2	29
116	Monitoring of Homogenization and Analysis of Nanoscale Structure in a Butadiene ^ε Acrylonitrile Copolymer/Poly(vinyl chloride) Blend ^ε . <i>Macromolecules</i> , 1996, 29, 5446-5452.	2.2	18
117	Structural changes of PVC plastisols in progress of gelation and fusion as investigated with temperature-dependent viscoelasticity, morphology, and light scattering. <i>Journal of Applied Polymer Science</i> , 1995, 55, 1683-1690.	1.3	15
118	Blends of PVC with Miscible Polymers. <i>International Polymer Processing</i> , 1995, 10, 24-29.	0.3	2
119	Determination of microphase structure and scale and scale of mixing in poly-É-caprolactone (PCL)/poly(vinyl chloride) (PVC) blend by high-resolution solid-state ¹³ C-NMR spectroscopy with magic angle spinning and cross polarization. <i>Journal of Applied Polymer Science</i> , 1994, 53, 1823-1832.	1.3	12
120	Effect of plasticizer type on gelation and fusion of PVC plastisol, dialkyl phthalate series. <i>Journal of Vinyl Technology</i> , 1991, 13, 212-222.	0.2	22