

Sung-Seen Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5193071/publications.pdf>

Version: 2024-02-01

142
papers

2,388
citations

230014

27
h-index

299063

42
g-index

142
all docs

142
docs citations

142
times ranked

1852
citing authors

#	ARTICLE	IF	CITATIONS
1	Fragmentation patterns of protonated benzothiazole sulfenamides by atmospheric pressure chemical ionization. <i>International Journal of Mass Spectrometry</i> , 2022, 471, 116761.	0.7	1
2	Influence of particle size on inhomogeneity in rubber compositions of NR/BR blend wear particles by single particle analysis. <i>Polymers for Advanced Technologies</i> , 2022, 33, 897-903.	1.6	2
3	Complex formation of lactic acid by atmospheric pressure chemical ionization. <i>Journal of Mass Spectrometry</i> , 2022, 57, e4805.	0.7	1
4	Classification and Characterization of Tire-Road Wear Particles in Road Dust by Density. <i>Polymers</i> , 2022, 14, 1005.	2.0	18
5	Preparation and Characterization of Model Tire-Road Wear Particles. <i>Polymers</i> , 2022, 14, 1512.	2.0	3
6	Crystalline property change of poly(ethylene-co-vinyl acetate) by compounding and curing procedures. <i>Polymers for Advanced Technologies</i> , 2022, 33, 1269-1277.	1.6	0
7	Characterization of the fragmentation behaviors of protonated β -cyclodextrin generated by electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8967.	0.7	0
8	Direct detection of diphenylamino radical formed by oxidation of diphenylamine using atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9163.	0.7	2
9	Quantification of tire tread wear particles in microparticles produced on the road using oleamide as a novel marker. <i>Environmental Pollution</i> , 2021, 288, 117811.	3.7	29
10	The influence of different types of reactant ions on the ionization behavior of polycyclic aromatic hydrocarbons in corona discharge ion mobility spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8936.	0.7	5
11	Considering factors on determination of microstructures of SBR vulcanizates using pyrolytic analysis. <i>Polymer Testing</i> , 2020, 89, 106572.	2.3	6
12	Simple analytical method for determination of microstructures of poly(ethylene-co-vinyl acetate) using the melting points. <i>Polymer Testing</i> , 2020, 90, 106706.	2.3	6
13	Simple test method for determination of contribution level of crosslink density by crystalline structure of poly(ethylene-co-vinyl acetate) compound. <i>Polymer Testing</i> , 2019, 77, 105928.	2.3	5
14	Influence of smear matrix types on detection behaviors and efficiencies of polycyclic aromatic hydrocarbons using ion mobility spectrometry. <i>Chemosphere</i> , 2019, 218, 368-375.	4.2	4
15	Considering factors for analysis of crosslink density of poly(ethylene-co-vinyl acetate) compounds. <i>Polymer Testing</i> , 2018, 66, 312-318.	2.3	9
16	Pyrolysis behaviors of deacetylated poly(ethylene-co-vinyl acetate) depending on pyrolysis temperature. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 130, 29-35.	2.6	7
17	Testing Method for On-Site Measurement of Explosive Materials Contaminated on Travel Luggage Bag and Backpack Using Ion Mobility Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 45-51.	1.0	1
18	Hybrid factors influencing wet grip and rolling resistance properties of solution styrene-butadiene rubber composites. <i>Polymer International</i> , 2018, 67, 340-346.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Analytical considerations for determination of the microstructures of sulfur-cured solution styrene-butadiene rubbers. <i>Polymer International</i> , 2017, 66, 803-808.	1.6	1
20	Mass spectrometric monitoring of change of resole structures by compounding and curing of EPDM compound. <i>Polymer Testing</i> , 2017, 58, 181-188.	2.3	0
21	Determination of bound rubber composition of filled SBR/BR blend compounds by analysis of the unbound rubber composition and bound rubber content. <i>Polymer Testing</i> , 2017, 59, 414-422.	2.3	29
22	Analytical method for the estimation of transfer and detection efficiencies of solid state explosives using ion mobility spectrometry and smear matrix. <i>Analytical Methods</i> , 2017, 9, 2505-2510.	1.3	13
23	Analysis of pyrolysis products of ethylene-vinyl acetate copolymer (EVA) using pre-deacetylation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 127, 1-7.	2.6	14
24	Influence of silane coupling agent on bound rubber formation of NR/SBR blend compounds reinforced with carbon black. <i>Polymer Bulletin</i> , 2016, 73, 3453-3464.	1.7	18
25	Influence of Smear Matrix Type on Detection Efficiencies of Explosives in Corona Discharge Ion Mobility Spectrometer. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 604-607.	1.0	5
26	Analysis of Poly(Ethylene-co-Vinyl Acetate) Using Off-line Pyrolysis. <i>Elastomers and Composites</i> , 2016, 51, 63-67.	0.1	2
27	A novel system for measurement of types and densities of sulfur crosslinks of a filled rubber vulcanizate. <i>Polymer Testing</i> , 2015, 42, 62-68.	2.3	43
28	Analytical method for determination of microstructures of solution styrene-butadiene copolymers using 2-phenylpropene/styrene ratio of pyrolysis products. <i>Polymer Testing</i> , 2015, 44, 153-159.	2.3	7
29	Effects of ZnO content on microstructure and properties of maleated EPDM/zinc oxide composites. <i>Polymer Bulletin</i> , 2015, 72, 1163-1175.	1.7	7
30	Change of terminal type of alkylphenol formaldehyde resole by thermal treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 120-126.	2.9	1
31	Comparison of Vinyl Acetate Contents of Poly(Ethylene-co-Vinyl Acetate) Analyzed by IR, NMR, and TGA. <i>Elastomers and Composites</i> , 2015, 50, 18-23.	0.1	8
32	Influence of Extender Oil on Properties of Solution Styrene-Butadiene Rubber Composites. <i>Elastomers and Composites</i> , 2015, 50, 196-204.	0.1	0
33	Analysis of pyrolysis products of poly(vinylidene fluoride-co-hexafluoropropylene) by pyrolysis-gas chromatography/mass spectrometry. <i>Journal of Fluorine Chemistry</i> , 2014, 165, 33-38.	0.9	9
34	Formation of deaminated dimer species of amino acids by atmospheric pressure chemical ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 861-868.	0.7	0
35	Microstructural analysis and cis-trans isomerization of BR and SBR vulcanizates reinforced with silica and carbon black using NMR and IR. <i>RSC Advances</i> , 2014, 4, 31113.	1.7	21
36	Analytical method for determination of butadiene and styrene contents of styrene-butadiene rubber vulcanizates without pretreatment using pyrolysis-gas chromatography/mass spectrometry. <i>Polymer Testing</i> , 2014, 38, 87-90.	2.3	12

#	ARTICLE	IF	CITATIONS
37	Novel test method to estimate bound rubber formation of silica-filled solution styrene-butadiene rubber compounds. <i>Polymer Testing</i> , 2014, 40, 170-177.	2.3	50
38	Influence of specimen directions on recovery behaviors from circular deformation of polyester cord-inserted rubber composites. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 202-207.	2.9	3
39	Fragmentation patterns of protonated amino acids formed by atmospheric pressure chemical ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 143-151.	0.7	22
40	Novel co-matrix systems for the MALDI-MS analysis of polystyrene using a UV absorber and stabilizer. <i>Analyst</i> , 2013, 138, 1256.	1.7	6
41	Direct analysis of microstructures of alkyl phenol resin using atmospheric pressure chemical ionization-mass spectrometry. <i>Polymer Testing</i> , 2013, 32, 366-374.	2.3	3
42	A novel whitening test method of a sulfur-cured EPDM composite filled with carbon black in calcium cation solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 2079-2084.	2.9	0
43	Fragmentation of deprotonated amino acids in atmospheric pressure chemical ionization. <i>International Journal of Mass Spectrometry</i> , 2013, 338, 17-22.	0.7	10
44	Characterization of maleic anhydride-grafted ethylene-propylene diene terpolymer (MAH-g-EPDM) based thermoplastic elastomers by formation of zinc ionomer. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1990-1995.	2.9	16
45	Dimerization reaction of protonated and deprotonated amino acids in atmospheric pressure chemical ionization. <i>International Journal of Mass Spectrometry</i> , 2013, 339-340, 34-38.	0.7	1
46	Characterization of pyrolysis products formed from styrene-1,2-unit heterosequence of styrene-butadiene copolymer. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 99, 1-8.	2.6	12
47	Influence of rubber and fabric cord on deformation of a fabric cord-inserted rubber composite by thermal aging. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 650-654.	2.9	8
48	X-Ray Diffraction and X-Ray Photoelectron Spectroscopy Characterization of Maleic Anhydride-Grafted Ethylene-Propylene-diene Terpolymer Based Thermoplastic Elastomers. <i>Asian Journal of Chemistry</i> , 2013, 25, 5277-5283.	0.1	4
49	Properties of Thermoplastic Elastomers Made of MAH-g-EPDM, Zinc Oxide and Amino Acids. <i>Asian Journal of Chemistry</i> , 2013, 25, 5293-5296.	0.1	2
50	Characterization of Thermoplastic Elastomers Made of MAH-g-EPDM and ZnO Using Liquid-State NMR. <i>Asian Journal of Chemistry</i> , 2013, 25, 5289-5292.	0.1	1
51	Swelling Behaviors of Maleic Anhydride-Grafted EPDM by Treatment with Dichloroacetic Acid. <i>Elastomers and Composites</i> , 2013, 48, 55-60.	0.1	2
52	Characterization of Crosslinks of Maleic Anhydride-Grafted EPDM/Zinc Oxide Composite Using Dichloroacetic Acid/Toluene Cosolvent and Extraction Temperature. <i>Elastomers and Composites</i> , 2013, 48, 288-293.	0.1	2
53	Recovery Behaviors of Natural Rubber Composites Thermally Aged in Altering Medium Systems of Air and Water. <i>Elastomers and Composites</i> , 2013, 48, 181-189.	0.1	0
54	Analysis of poly(ethylene glycol) using matrix-assisted laser desorption/ionization-mass spectrometry: Novel matrix systems using ultraviolet light absorber and stabilizer. <i>International Journal of Mass Spectrometry</i> , 2012, 328-329, 17-22.	0.7	0

#	ARTICLE	IF	CITATIONS
55	Influence of solvent swell and bound rubber on wax solubility of carbon black reinforced NR composite. <i>Journal of Applied Polymer Science</i> , 2012, 125, E342.	1.3	8
56	Analysis of residual monomers in poly(acrylonitrile-co-butadiene-co-styrene). <i>Macromolecular Research</i> , 2012, 20, 585-589.	1.0	1
57	Microstructural analysis of poly(vinylidene fluoride) using benzene derivative pyrolysis products. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 96, 16-23.	2.6	24
58	Lifetime prediction and thermal aging behaviors of SBR and NBR composites using crosslink density changes. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1166-1170.	2.9	60
59	Analysis of whitening phenomenon of EPDM article by humid aging. <i>Journal of Applied Polymer Science</i> , 2012, 123, 2451-2457.	1.3	15
60	Role of a UV Absorber as a Matrix for Analysis of Polystyrene Using Matrix-Assisted Laser Desorption/Ionization-Mass Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3119-3121.	1.0	2
61	Thermal Aging Behaviors of Weather Resistant Rubber Composites of EPDM, IIR, and BIIR. <i>Elastomers and Composites</i> , 2012, 47, 148-155.	0.1	6
62	Influence of Aging Media and Filler System on Recovery Behaviors of Natural Rubber Composites. <i>Elastomers and Composites</i> , 2012, 47, 156-161.	0.1	6
63	Influence of Filler and Cure Systems on Whitening of EPDM Composites by Formation of Metal Salt. <i>Elastomers and Composites</i> , 2012, 47, 210-215.	0.1	4
64	Analysis of UV absorbers and stabilizers in polypropylene by liquid chromatography/atmospheric pressure chemical ionization-mass spectrometry. <i>Polymer Testing</i> , 2011, 30, 673-677.	2.3	32
65	Formation of C7-species pyrolysis products from ethylene-propylene heterosequences of poly(ethylene-co-propylene). <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 92, 384-391.	2.6	10
66	Analysis of pyrolysis products formed from ethylene-tetrafluoroethylene heterosequences of poly(ethylene-co-tetrafluoroethylene). <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 92, 470-476.	2.6	9
67	Analysis of cyclic pyrolysis products formed from amino acid monomer. <i>Journal of Chromatography A</i> , 2011, 1218, 8443-8455.	1.8	48
68	Formation of metal complex ions from amino acid in the presence of Li ⁺ , Na ⁺ and K ⁺ by electrospray ionization: metal replacement of hydrogen in the ligands. <i>Journal of Mass Spectrometry</i> , 2011, 46, 496-501.	0.7	12
69	Analysis of trace residual 1,3-butadiene in poly(acrylonitrile-co-butadiene-co-styrene). <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 394-396.	2.9	6
70	Influence of silica on formation of levoglucosan from carbohydrates by pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 90, 56-62.	2.6	27
71	Analysis of the whitening phenomenon of a thermoplastic elastomer article by UV weathering. <i>Polymer Testing</i> , 2011, 30, 415-419.	2.3	9
72	Analysis of 5-ethylidene-2-norbornene in ethylene-propylene-diene terpolymer using pyrolysis-GC/MS. <i>Polymer Testing</i> , 2011, 30, 509-514.	2.3	23

#	ARTICLE	IF	CITATIONS
73	Negative Ion Formation of Pentaerythritol Tetranitrate in Atmospheric Pressure Chemical Ionization-Mass Spectrometry and in Corona Discharge Ionization-Ion Mobility Spectrometry. Bulletin of the Korean Chemical Society, 2011, 32, 1055-1058.	1.0	14
74	Analysis of Polymeric UV Absorber (Tinuvin 213) Using LDI-TOFMS: Solvent Effect in Sample Preparation. Bulletin of the Korean Chemical Society, 2011, 32, 2093-2096.	1.0	5
75	Deuterium effect on ionization and fragmentation patterns of monosaccharides ionized by atmospheric pressure chemical ionization. Carbohydrate Research, 2010, 345, 408-413.	1.1	12
76	Water swelling behaviors of silica-reinforced NBR composites in deionized water and salt solution. Journal of Industrial and Engineering Chemistry, 2010, 16, 238-242.	2.9	28
77	Influence of aging medium on recovery behaviors of CR/NR composite from circular deformation. Macromolecular Research, 2010, 18, 358-362.	1.0	3
78	Influence of filler and cure systems on thermal aging resistance of natural rubber vulcanizates under strained condition. Journal of Applied Polymer Science, 2010, 118, 3074-3081.	1.3	7
79	Dimerization reactions of amino acids by pyrolysis. Journal of Analytical and Applied Pyrolysis, 2010, 89, 74-86.	2.6	35
80	A simple NMR method to measure crosslink density of natural rubber composite. Polymer Testing, 2010, 29, 953-957.	2.3	30
81	Role of the UV absorber as a matrix in matrix-assisted laser desorption/ionization mass spectrometric analysis of a mixture of a UV absorber and a stabilizer. Rapid Communications in Mass Spectrometry, 2010, 24, 2753-2758.	0.7	5
82	Comparison of Cocaine Detections in Corona Discharge Ionization-Ion Mobility Spectrometry and in Atmospheric Pressure Chemical Ionization-Mass Spectrometry. Bulletin of the Korean Chemical Society, 2010, 31, 2383-2385.	1.0	7
83	Chlorine Effect on Thermal Aging Behaviors of BR and CR Composites. Bulletin of the Korean Chemical Society, 2010, 31, 2613-2617.	1.0	10
84	Influence of the rubber blend ratio on blowout behaviors of carbon black-reinforced natural rubber/styrene-butadiene rubber. Journal of Applied Polymer Science, 2009, 112, 3627-3633.	1.3	4
85	Strain effect on recovery behaviors from circular deformation of natural rubber vulcanizate. Journal of Applied Polymer Science, 2009, 114, 935-939.	1.3	17
86	Influence of the swelling temperature and acrylonitrile content of NBR on the water swelling behaviors of silica-filled NBR vulcanizates. Journal of Industrial and Engineering Chemistry, 2009, 15, 167-170.	2.9	14
87	Formation of $[nM^+nH+(n+1)Na]^+$ cluster ions from amino acid by electrospray ionization. International Journal of Mass Spectrometry, 2009, 285, 126-130.	0.7	8
88	Atmospheric pressure chemical ionization and fragmentation of aminomonosaccharides in H_2O and D_2O . Rapid Communications in Mass Spectrometry, 2009, 23, 3969-3972.	0.7	6
89	Comparison of ionization behaviors of ring and linear carbohydrates in MALDI-TOFMS. International Journal of Mass Spectrometry, 2009, 279, 53-58.	0.7	16
90	Influence of oil content and SBR type on blowout behaviors of SBR composites. Journal of Industrial and Engineering Chemistry, 2009, 15, 171-174.	2.9	2

#	ARTICLE	IF	CITATIONS
91	Analysis of thermally aged adhesion specimen between precured and uncured rubber sheets. Journal of Industrial and Engineering Chemistry, 2009, 15, 624-627.	2.9	7
92	Circular deformation as a means of simultaneously evaluating the compressive and tensile strain in vulcanized rubber. Journal of Industrial and Engineering Chemistry, 2009, 15, 641-644.	2.9	6
93	Analysis of wax solubility of rubber vulcanizates using wax solution in toluene and molten wax. Polymer Testing, 2009, 28, 696-701.	2.3	10
94	Influence of the cure systems on long time thermal aging behaviors of NR composites. Macromolecular Research, 2008, 16, 561-566.	1.0	19
95	Influence of sample preparation method and silver salt types on MALDI-TOFMS analysis of polybutadiene. Macromolecular Research, 2008, 16, 108-112.	1.0	7
96	Analysis of cyanoacrylate ultraviolet absorbers using liquid chromatography/atmospheric pressure chemical ionization mass spectrometry: influence of fragmentor voltage and solvent on ionization and fragmentation behaviors. Rapid Communications in Mass Spectrometry, 2008, 22, 2580-2586.	0.7	19
97	Analysis of origin to cause blowout of carbon black-reinforced rubber composites using GC/MS. Journal of Applied Polymer Science, 2008, 110, 3068-3072.	1.3	2
98	Recovery prediction of thermally aged chloroprene rubber composite using deformation test. Journal of Applied Polymer Science, 2008, 110, 3560-3565.	1.3	11
99	Influence of TESPT content on crosslink types and rheological behaviors of natural rubber compounds reinforced with silica. Journal of Applied Polymer Science, 2007, 106, 2753-2758.	1.3	32
100	Collection and identification of organic materials accumulated on a rubber composite. Journal of Applied Polymer Science, 2007, 104, 1260-1264.	1.3	1
101	Pyrolysis of maleic anhydride-treated polybutadiene. Journal of Analytical and Applied Pyrolysis, 2007, 78, 58-64.	2.6	7
102	Pyrolysis behaviors of poly(acrylonitrile-co-butadiene) with differing microstructures. Journal of Analytical and Applied Pyrolysis, 2007, 80, 53-60.	2.6	15
103	Influence of thermal aging on pyrolysis pattern of carbon black-filled NR composite. Macromolecular Research, 2007, 15, 482-485.	1.0	10
104	Pyrolysis paths of polybutadiene depending on pyrolysis temperature. Macromolecular Research, 2006, 14, 354-358.	1.0	23
105	Influence of polymer-filler interactions on retraction behaviors of natural rubber vulcanizates reinforced with silica and carbon black. Journal of Applied Polymer Science, 2006, 99, 691-696.	1.3	26
106	Influence of 1,2-unit contents on retraction behaviors of SBR vulcanizates. Journal of Applied Polymer Science, 2006, 102, 4707-4711.	1.3	3
107	A STUDY ON THE LIFETIME PREDICTION OF THE RUBBER MATERIALS FOR REFRIGERATOR COMPONENT. , 2006, , ,		0
108	Ring opening fragmentations of ionized cyclohexylamines. International Journal of Mass Spectrometry, 2005, 243, 249-255.	0.7	2

#	ARTICLE	IF	CITATIONS
109	Influence of bound polymer on cure characteristics of natural rubber compounds reinforced with different types of carbon blacks. <i>Journal of Applied Polymer Science</i> , 2005, 98, 2282-2289.	1.3	32
110	Formation of interfiber bonding in electrospun poly(etherimide) nanofiber web. <i>Journal of Materials Science</i> , 2004, 39, 1511-1513.	1.7	68
111	Titania-Doped Silica Fibers Prepared by Electrospinning and Sol-Gel Process. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 30, 215-221.	1.1	39
112	Influence of filler type and content on properties of styrene-butadiene rubber(SBR) compound reinforced with carbon black or silica. <i>Polymers for Advanced Technologies</i> , 2004, 15, 122-127.	1.6	111
113	Filler-polymer interactions of styrene and butadiene units in silica-filled styrene-butadiene rubber compounds. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 577-584.	2.4	23
114	Effect of bound rubber on characteristics of highly filled styrene-butadiene rubber compounds with different types of carbon black. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1001-1006.	1.3	61
115	Effect of low molecular weight polybutadiene as processing aid on properties of silica-filled styrene-butadiene rubber compounds. <i>Journal of Applied Polymer Science</i> , 2003, 90, 3135-3140.	1.3	6
116	Properties of natural rubber composites reinforced with silica or carbon black: influence of cure accelerator content and filler dispersion. <i>Polymer International</i> , 2003, 52, 1382-1389.	1.6	79
117	Improvement of properties of silica-filled styrene-butadiene rubber (SBR) compounds using acrylonitrile-styrene-butadiene rubber (NSBR). <i>Polymers for Advanced Technologies</i> , 2003, 14, 557-564.	1.6	21
118	Improvement of properties of silica-filled natural rubber compounds using polychloroprene. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2609-2616.	1.3	94
119	Properties of silica-filled styrene-butadiene rubber compounds containing acrylonitrile-butadiene rubber: The influence of the acrylonitrile-butadiene rubber type. <i>Journal of Applied Polymer Science</i> , 2002, 85, 385-393.	1.3	29
120	Characteristics of the pyrolysis patterns of styrene-butadiene rubbers with differing microstructures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2002, 62, 319-330.	2.6	38
121	Structural characteristics of p-t-Octylphenol formaldehyde resole resins using molecular simulation. <i>Polymers for Advanced Technologies</i> , 2002, 13, 94-104.	1.6	3
122	Difference in bound rubber formation of silica and carbon black with styrene-butadiene rubber. <i>Polymers for Advanced Technologies</i> , 2002, 13, 466-474.	1.6	72
123	Influence of storage time and temperature and silane coupling agent on bound rubber formation in filled styrene-butadiene rubber compounds. <i>Polymer Testing</i> , 2002, 21, 201-208.	2.3	86
124	Filler-polymer interactions in filled polybutadiene compounds. <i>European Polymer Journal</i> , 2002, 38, 1265-1269.	2.6	41
125	Characteristics of pyrolysis patterns of polybutadienes with different microstructures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2001, 57, 249-259.	2.6	27
126	Influence of the silica content on rheological behaviour and cure characteristics of silica-filled styrene-butadiene rubber compounds. <i>Polymer International</i> , 2001, 50, 524-530.	1.6	39

#	ARTICLE	IF	CITATIONS
127	Structural characteristics of phenol formaldehyde novolak resin depending on polycondensation type using molecular simulation. <i>Polymers for Advanced Technologies</i> , 2001, 12, 567-573.	1.6	5
128	Improvement of properties of silica-filled styrene-butadiene rubber compounds using acrylonitrile-butadiene rubber. <i>Journal of Applied Polymer Science</i> , 2001, 79, 1127-1133.	1.3	42
129	Influence of internal strain on change of crosslink density of natural rubber vulcanizates by thermal ageing. <i>Polymer International</i> , 2001, 50, 107-112.	1.6	27
130	Correlation between migration behaviors of antiozonants and temperature. <i>Journal of Applied Polymer Science</i> , 2001, 80, 1566-1570.	1.3	5
131	Influence of rubber composition on migration behaviors of antiozonants in carbon black-filled rubber vulcanizates composed of NR, SBR, and BR. <i>Journal of Applied Polymer Science</i> , 2001, 81, 237-242.	1.3	6
132	Filler-polymer interactions in both silica and carbon black-filled styrene-butadiene rubber compounds. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 439-445.	2.4	42
133	Influence of rubber composition on change of crosslink density of rubber vulcanizates with EV cure system by thermal aging. <i>Journal of Applied Polymer Science</i> , 2000, 75, 1378-1384.	1.3	75
134	Characterization of bound rubber of filled styrene-butadiene rubber compounds using pyrolysis-gas chromatography. <i>Journal of Analytical and Applied Pyrolysis</i> , 2000, 55, 161-170.	2.6	41
135	Correlation of crosslink density with pyrolysis pattern of natural rubber vulcanizates with efficient vulcanizing cure system. <i>Journal of Analytical and Applied Pyrolysis</i> , 1999, 52, 105-112.	2.6	42
136	Migration behaviors of antiozonants to the surface in NR vulcanizates, depending on the season: The effect of wax. <i>Journal of Applied Polymer Science</i> , 1999, 71, 1987-1993.	1.3	11
137	Analysis of unbound materials in carbon-black-filled NR vulcanizates. <i>Journal of Applied Polymer Science</i> , 1999, 71, 1995-2005.	1.3	4
138	Migration behaviors of wax to surface in rubber vulcanizates. <i>Journal of Applied Polymer Science</i> , 1999, 73, 2587-2593.	1.3	23
139	Migration behaviors of antiozonants in binary rubber-based vulcanizates of NR, SBR, and BR. <i>Journal of Applied Polymer Science</i> , 1999, 74, 3130-3136.	1.3	5
140	Effect of tacticity on conformation of p-tert-butylphenol acetaldehyde resins as studied by molecular simulation. <i>Journal of Polymer Science Part A</i> , 1998, 36, 1355-1361.	2.5	6
141	Resole-cured NR vulcanizates with thermally reacted p-t-octylphenol formaldehyde resole. <i>Journal of Applied Polymer Science</i> , 1998, 68, 1811-1819.	1.3	8
142	Tack behaviours of p-t-octylphenol formaldehyde resin with rubber using a molecular simulation. <i>Polymer</i> , 1998, 39, 5861-5866.	1.8	7