Dean C Webster

List of Publications by Year
in descending order

151 papers	6,500 citations	81839 39 h-index	74108 75 g-index
156 all docs	156 docs citations	156 times ranked	5393 citing authors

#	Article	IF	Citations
1	Thermal stability and flame retardancy of polyurethanes. Progress in Polymer Science, 2009, 34, 1068-1133.	11.8	1,366
2	Degradable thermosets based on labile bonds or linkages: A review. Progress in Polymer Science, 2018, 76, 65-110.	11.8	257
3	High Biobased Content Epoxyâ€“Anhydride Thermosets from Epoxidized Sucrose Esters of Fatty Acids. Biomacromolecules, 2011, 12, 2416-2428.	2.6	197
4	A preliminary study on the properties and fouling-release performance of siloxaneâ€“polyurethane coatings prepared from poly(dimethylsiloxane) (PDMS) macromers. Biofouling, 2010, 26, 961-972.	0.8	161
5	Cyclic carbonate functional polymers and their applications. Progress in Organic Coatings, 2003, 47, 77-86.	1.9	160
6	Naturally Occurring Acids as Cross-Linkers To Yield VOC-Free, High-Performance, Fully Bio-Based, Degradable Thermosets. Macromolecules, 2015, 48, 7127-7137.	2.2	160
7	Hard and Flexible, Degradable Thermosets from Renewable Bioresources with the Assistance of Water and Ethanol. Macromolecules, 2016, 49, 3780-3788.	2.2	146
8	Triblock copolymers: synthesis, characterization, and delivery of a model protein. International Journal of Pharmaceutics, 2005, 288, 207-218.	2.6	126
9	Novel biobased epoxy compounds: epoxidized sucrose esters of fatty acids. Green Chemistry, 2011, 13, 965.	4.6	118
10	Fouling-Release Performance of Silicone Oil-Modified Siloxane-Polyurethane Coatings. ACS Applied Materials & Interfaces, 2016, 8, 29025-29036.	4.0	115
11	Surface and bulk phase separation in block copolymers and their blends. Polysulfone/polysiloxane. Macromolecules, 1988, 21, 2689-2696.	2.2	111
12	Organically modified montmorillonites in UV curable urethane acrylate films. Polymer, 2004, 45, 6175-6187.	1.8	109
13	Programmed Photodegradation of Polymeric/Oligomeric Materials Derived from Renewable Bioresources. Angewandte Chemie - International Edition, 2015, 54, 1159-1163.	7.2	104
14	Synthesis and applications of cyclic carbonate functional polymers in thermosetting coatings. Progress in Organic Coatings, 2000, 40, 275-282.	1.9	99
15	New Biobased High Functionality Polyols and Their Use in Polyurethane Coatings. ChemSusChem, 2012, 5, 419-429.	3.6	97
16	Preparation of Siloxaneâ^'Urethane Coatings Having Spontaneously Formed Stable Biphasic Microtopograpical Surfaces. Macromolecules, 2005, 38, 5857-5859.	2.2	89
17	A new approach to 3-miktoarm star polymers using a combination of reversible additionâ€“fragmentation chain transfer (RAFT) and ring opening polymerization (ROP) via â€œClickâ€• chemistry. Polymer, 2009, 50, 2768-2774.	1.8	74
18	Zwitterionic siloxane-polyurethane fouling-release coatings. Progress in Organic Coatings, 2015, 78, 369-380.	1.9	74

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19	Synthesis, formulation, and characterization of siloxaneâ€“polyurethane coatings for underwater marine applications using combinatorial high-throughput experimentation. Journal of Coatings Technology Research, 2007, 4, 435-451.	1.2	69
20	UV curable epoxy acrylateâ€“clay nanocomposites. European Polymer Journal, 2006, 42, 2596-2605.	2.6	67
21	Polymer Films Possessing Nanoreinforcements via Organically Modified Layered Silicate. Chemistry of Materials, 2004, 16, 1135-1142.	3.2	66
22	Combinatorial and High-Throughput Screening of the Effect of Siloxane Composition on the Surface Properties of Crosslinked Siloxaneâ”Polyurethane Coatings. ACS Combinatorial Science, 2007, 9, 178-188.	3.3	65
23	Soy-based UV-curable thiolâ€“ene coatings. Journal of Coatings Technology Research, 2010, 7, 603-613.	1.2	65
24	Combinatorial and Highâ€Throughput Methods in Macromolecular Materials Research and Development. Macromolecular Chemistry and Physics, 2008, 209, 237-246.	1.1	64
25	High throughput combinatorial characterization of thermosetting siloxaneâ€“urethane coatings having spontaneously formed microtopographical surfaces. Journal of Coatings Technology Research, 2007, 4, 131-138.	1.2	63
26	Combinatorial materials research applied to the development of new surface coatings IV. A high-throughput bacterial biofilm retention and retraction assay for screening fouling-release performance of coatings. Biofouling, 2007, 23, 45-54.	0.8	62
27	Organicâ€“inorganic hybrid coatings prepared from glycidyl carbamate resin, 3-aminopropyl trimethoxy silane and tetraethoxyorthosilicate. Progress in Organic Coatings, 2009, 64, 128-137.	1.9	59
28	Impact of Structure and Functionality of Core Polyol in Highly Functional Biobased Epoxy Resins. Macromolecular Rapid Communications, 2011, 32, 1324-1330.	2.0	59
29	Thermoset Coatings from Epoxidized Sucrose Soyate and Blocked, Bioâ€Based Dicarboxylic Acids. ChemSusChem, 2014, 7, 2289-2294.	3.6	57
30	Combinatorial approach to study the effect of acrylic polyol composition on the properties of crosslinked siloxane-polyurethane fouling-release coatings. Journal of Coatings Technology Research, 2007, 4, 453-461.	1.2	54
31	Poly(ethylene) glycol-modified, amphiphilic, siloxaneâ€“polyurethane coatings and their performance as fouling-release surfaces. Journal of Coatings Technology Research, 2017, 14, 307-322.	1.2	54
32	Mini-review: Combinatorial approaches for the design of novel coating systems. Biofouling, 2007, 23, 179-192.	0.8	53
33	Thermosensitive polymers: Synthesis, characterization, and delivery of proteins. International Journal of Pharmaceutics, 2007, 341, 68-77.	2.6	51
34	Polyurethanes with amphiphilic surfaces made using telechelic functional PDMS having orthogonal acid functional groups. Progress in Organic Coatings, 2012, 75, 38-48.	1.9	51
35	Laboratory screening of coating libraries for algal adhesion. Biofouling, 2007, 23, 267-276.	0.8	46
36	The effect of formulation variables on fouling-release performance of stratified siloxaneâ€“polyurethane coatings. Journal of Coatings Technology Research, 2012, 9, 235-249.	1.2	43

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37	Bio-based high performance epoxy-anhydride thermosets for structural composites: The effect of composition variables. Reactive and Functional Polymers, 2016, 105, 140-149.	2.0	43
38	The development of coatings using combinatorial/high throughput methods: a review of the current status. Journal of Coatings Technology Research, 2007, 4, 1-12.	1.2	41
39	Study of epoxidized-cardanol containing cationic UV curable materials. Progress in Organic Coatings, 2009, 65, 246-250.	1.9	39
40	Life cycle assessment of photodegradable polymeric material derived from renewable bioresources. Journal of Cleaner Production, 2017, 142, 2935-2944.	4.6	37
41	Synthesis and Characterization of Novel Hydroxyalkyl Carbamate and Dihydroxyalkyl Carbamate Terminated Poly(dimethylsiloxane) Oligomers and Their Block Copolymers with Poly(Îµ-caprolactone). Macromolecules, 2006, 39, 8659-8668.	2.2	36
42	Catalyzed non-isocyanate polyurethane (NIPU) coatings from bio-based poly(cyclic carbonates). Journal of Coatings Technology Research, 2019, 16, 41-57.	1.2	36
43	Synthesis, characterization and self-crosslinking of glycidyl carbamate functional resins. Progress in Organic Coatings, 2006, 57, 128-139.	1.9	35
44	Effect of solvents on the curing and properties of fully bio-based thermosets for coatings. Journal of Coatings Technology Research, 2017, 14, 367-375.	1.2	34
45	Library synthesis and characterization of 3-aminopropyl-terminated poly(dimethylsiloxane)s and poly(Îµ-caprolactone)-b-poly(dimethylsiloxane)s. Journal of Polymer Science Part A, 2006, 44, 4880-4894.	2.5	32
46	Synthesis and Characterization of Novel Epoxy- and Oxetane-Functional Reversible Additionâ˜Fragmentation Chain Transfer Agents. Macromolecules, 2007, 40, 8586-8592.	2.2	31
47	Organicâ€“inorganic hybrid coatings prepared from glycidyl carbamate resins and amino-functional silanes. Progress in Organic Coatings, 2008, 63, 405-415.	1.9	31
48	Amphiphilic icephobic coatings. Progress in Organic Coatings, 2017, 112, 191-199.	1.9	31
49	Influence of solvent composition and degree of reaction on the formation of surface microtopography in a thermoset siloxaneâ€“urethane system. Polymer, 2006, 47, 4172-4181.	1.8	30
50	Hybrid coatings from novel silane-modified glycidyl carbamate resins and amine crosslinkers. Progress in Organic Coatings, 2009, 66, 73-85.	1.9	30
51	The exploration of Michael-addition reaction chemistry to create high performance, ambient cure thermoset coatings based on soybean oil. Progress in Organic Coatings, 2017, 108, 59-67.	1.9	30
52	Highly functional methacrylated bio-based resins for UV-curable coatings. Progress in Organic Coatings, 2018, 122, 219-228.	1.9	30
53	Bio-Based Resin Reinforced with Flax Fiber as Thermorheologically Complex Materials. Polymers, 2016, 8, 153.	2.0	29
54	Biobased poly(vinyl ether)s derived from soybean oil, linseed oil, and camelina oil: Synthesis, characterization, and properties of crosslinked networks and surface coatings. Progress in Organic Coatings, 2018, 125, 453-462.	1.9	29

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55	Novel bio-based epoxy resins from eugenol as an alternative to BPA epoxy and high throughput screening of the cured coatings. Polymer, 2021, 233, 124191.	1.8	28
56	Effects of pigmentation on siloxaneâ€“polyurethane coatings and their performance as fouling-release marine coatings. Journal of Coatings Technology Research, 2011, 8, 661-670.	1.2	27
57	Synthesis of Soybean Oilâ€Based Thiol Oligomers. ChemSusChem, 2011, 4, 1135-1142.	3.6	27
58	An improved laboratory reattachment method for the rapid assessment of adult barnacle adhesion strength to fouling-release marine coatings. Journal of Coatings Technology Research, 2012, 9, 651-665.	1.2	27
59	Thermosets from highly functional methacrylated epoxidized sucrose soyate. Green Materials, 2014, 2, 132-143.	1.1	27
60	Renewable Reactive Diluents as Practical Styrene Replacements in Biobased Vinyl Ester Thermosets. ACS Sustainable Chemistry and Engineering, 2018, 6, 12586-12592.	3.2	27
61	Surface microtopography in siloxaneâ€“polyurethane thermosets: The influence of siloxane and extent of reaction. Polymer, 2007, 48, 7499-7509.	1.8	26
62	Development and weatherability of bio-based composites of structural quality using flax fiber and epoxidized sucrose soyate. Materials and Design, 2017, 113, 17-26.	3.3	26
63	Study of the effect of hyperbranched polyols on cationic UV curable coating properties. Polymer International, 2007, 56, 754-763.	1.6	25
64	Combinatorial materials research applied to the development of new surface coatings XII: Novel, environmentally friendly antimicrobial coatings derived from biocide-functional acrylic polyols and isocyanates. Journal of Coatings Technology Research, 2009, 6, 107-121.	1.2	25
65	Comparison of laboratory and field testing performance evaluations of siloxane-polyurethane fouling-release marine coatings. Biofouling, 2016, 32, 949-968.	0.8	25
66	Furfural-Derived Diacid Prepared by Photoreaction for Sustainable Materials Synthesis. ACS Sustainable Chemistry and Engineering, 2018, 6, 8136-8141.	3.2	25
67	Interfacial Synthesis Part I: Phase-Transfer Catalyzed Synthesis of Polyhydroxy Ether. Journal of Macromolecular Science Part A, Chemistry, 1981, 15, 943-966.	0.4	24
68	Structureâ€”property relationships in perfectly alternating segmented polysulphone/poly(dimethylsiloxane) copolymers. Polymer, 1988, 29, 833-844.	1.8	24
69	Catalyzed crosslinking of highly functional biobased epoxy resins. Journal of Coatings Technology Research, 2013, 10, 589-600.	1.2	24
70	Thiourethane thermoset coatings from bio-based thiols. Polymer International, 2012, 61, 602-608.	1.6	23
71	Highly functional biobased polyols and their use in melamineâ€“formaldehyde coatings. Journal of Coatings Technology Research, 2013, 10, 757-767.	1.2	23
72	Advanced biocomposite from highly functional methacrylated epoxidized sucrose soyate (MAESS) resin derived from vegetable oil and fiberglass fabric for composite applications. European Polymer Journal, 2016, 79, 63-71.	2.6	23

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73	Bio-Based High Functionality Polyols and Their Use in 1K Polyurethane Coatings. Journal of Renewable Materials, 2013, 1, 141-153.	1.1	22
74	Pilot scale (10kg) production and characterization of epoxidized sucrose soyate. Industrial Crops and Products, 2015, 74, 987-997.	2.5	22
75	Epoxidized sucrose soyateâ€"A novel green resin for crop straw based low density fiberboards. Industrial Crops and Products, 2017, 107, 400-408.	2.5	22
76	High performance bio-based thermosets from dimethacrylated epoxidized sucrose soyate (DMESS). European Polymer Journal, 2018, 99, 202-211.	2.6	22
77	Novel biobased dual-cure coating system. Progress in Organic Coatings, 2012, 73, 344-354.	1.9	21
78	Preliminary investigation of the impact of polymer composition on electrochemical properties of coatings as determined by electrochemical impedance spectroscopy. Journal of Coatings Technology Research, 2013, 10, 865-878.	1.2	21
79	Amphiphilic zwitterionic-PDMS-based surface-modifying additives to tune fouling-release of siloxane-polyurethane marine coatings. Progress in Organic Coatings, 2020, 149, 105931.	1.9	21
80	Novel polyurethane coating technology through glycidyl carbamate chemistry. Journal of Coatings Technology Research, 2005, 2, 517-527.	1.2	20
81	Novel in situ synthesis in the preparation of ultravioletâ€curable nanocomposite barrier coatings. Journal of Applied Polymer Science, 2012, 125, 3836-3848.	1.3	20
82	Biobased, Nonisocyanate, 2K Polyurethane Coatings Produced from Polycarbamate and Dialdehyde Cross-linking. ACS Sustainable Chemistry and Engineering, 2019, 7, 19621-19630.	3.2	20
83	Combinatorial materials research applied to the development of new surface coatings VII: An automated system for adhesion testing. Review of Scientific Instruments, 2007, 78, 072213.	0.6	19
84	Thermoset Siloxane-Urethane Fouling Release Coatings. ACS Symposium Series, 2007, , 61-75.	0.5	19
85	Block Copolymer Synthesis via a Combination of ATRP and RAFT Using Click Chemistry. Macromolecular Chemistry and Physics, 2011, 212, 539-549.	1.1	19
86	UV curable glycidyl carbamate based resins. Progress in Organic Coatings, 2012, 73, 19-25.	1.9	19
87	Catalyst-free lignin valorization by acetoacetylation. Structural elucidation by comparison with model compounds. Green Chemistry, 2018, 20, 2959-2966.	4.6	19
88	Study of cationic UV curing and UV laser ablation behavior of coatings sensitized by novel sensitizers. Polymer, 2006, 47, 3715-3726.	1.8	18
89	Optimizing Process Parameters of Epoxidized Sucrose Soyate Synthesis for Industrial Scale Production. Organic Process Research and Development, 2015, 19, 1683-1692.	1.3	17
90	Combinatorial materials research applied to the development of new surface coatings. Progress in Organic Coatings, 2006, 57, 115-122.	1.9	16

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91	Automated parallel polyurethane dispersion synthesis and characterization. Journal of Coatings Technology Research, 2009, 6, 1-10.	1.2	16
92	Frontal Polymerization of a Thin Film on a Wood Substrate. ACS Macro Letters, 2020, 9, 169-173.	2.3	16
93	Automated Image-Based Method for Laboratory Screening of Coating Libraries for Adhesion of Algae and Bacterial Biofilms. ACS Combinatorial Science, 2008, 10, 586-594.	3.3	14
94	An in situ intercalative polymerization method for preparing <scp>UV</scp> curable clayâ€“polymer nanocomposites. Journal of Applied Polymer Science, 2015, 132, .	1.3	14
95	Novel Biobased Furanic Diols as Potential Alternatives to BPA: Synthesis and Endocrine Activity Screening. ACS Sustainable Chemistry and Engineering, 2020, 8, 18824-18829.	3.2	14
96	Critical Amphiphilic Concentration: Effect of the Extent of Amphiphilicity on Marine Fouling-Release Performance. Langmuir, 2021, 37, 2728-2739.	1.6	14
97	Combinatorial materials research applied to the development of new surface coatings. Applied Surface Science, 2007, 254, 692-698.	3.1	13
98	Polymer Libraries: Preparation and Applications. Advances in Polymer Science, 2009, , 1-15.	0.4	13
99	Cationic UVâ€Curable Conductive Composites from Exfoliated Graphite. Macromolecular Materials and Engineering, 2011, 296, 70-82.	1.7	13
100	Exploration of Bio-Based Functionalized Sucrose Ester Resins for Additive Manufacturing via Stereolithography. ACS Applied Polymer Materials, 2020, 2, 2910-2918.	2.0	13
101	Parallel Synthesis of Polymer Libraries Using Atom Transfer Radical Polymerization (ATRP). Macromolecular Chemistry and Physics, 2009, 210, 640-650.	1.1	12
102	Novel water-dispersible glycidyl carbamate (GC) resins and waterborne amine-cured coatings. Journal of Coatings Technology Research, 2011, 8, 735-747.	1.2	12
103	Polymer/clay nanocomposite plasticization: Elucidating the influence of quaternary alkylammonium organic modifiers. Journal of Applied Polymer Science, 2013, 129, 324-333.	1.3	12
104	Surface modifying amphiphilic additives and their effect on the fouling-release performance of siloxane-polyurethane coatings. Biofouling, 2021, 37, 309-326.	0.8	12
105	Bio-Based Furanic Di(meth)acrylates as Reactive Diluents for UV Curable Coatings: Synthesis and Coating Evaluation. ACS Sustainable Chemistry and Engineering, 2021, 9, 15537-15544.	3.2	12
106	A small-scale waterjet test method for screening novel foul-release coatings. Journal of Coatings Technology Research, 2015, 12, 533-542.	1.2	11
107	Curing kinetics of bio-based epoxy-anhydride thermosets with zinc catalyst. Journal of Thermal Analysis and Calorimetry, 2017, 130, 2133-2144.	2.0	11
108	A Preliminary Environmental Assessment of Epoxidized Sucrose Soyate (ESS)-Based Biocomposite. Molecules, 2020, 25, 2797.	1.7	11

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109	Amphiphilically modified self-stratified siloxane-glycidyl carbamate coatings for anti-icing applications. Journal of Coatings Technology Research, 2021, 18, 83-97.	1.2	10
110	Synthesis and study of novel polyol-bound photosensitizers for cationic UV-curable systems. Journal of Polymer Science Part A, 2006, 44, 4435-4449.	2.5	9
111	A humidity blocker approach to overcoming the humidity interference with cationic photopolymerization. Journal of Polymer Science Part A, 2008, 46, 4344-4351.	2.5	9
112	Novel tailor-made diols for polyurethane coatings using a combination of controlled radical polymerization, ring opening polymerization, and click chemistry. Journal of Coatings Technology Research, 2010, 7, 409-417.	1.2	9
113	The influence of structural modification and composition of glycidyl carbamate resins on their viscosity and coating performance. Journal of Coatings Technology Research, 2010, 7, 531-546.	1.2	9
114	Soysome: A Surfactant-Free, Fully Biobased, Self-Assembled Platform for Nanoscale Drug Delivery Applications. ACS Applied Bio Materials, 2018, 1, 1830-1841.	2.3	9
115	Effect of nature and extent of functional group modification on properties of thermosets from methacrylated epoxidized sucrose soyate. Reactive and Functional Polymers, 2018, 128, 29-39.	2.0	9
116	Towards Upcycling Biomassâ€Derived Crosslinked Polymers with Light. Angewandte Chemie - International Edition, 2022, 61, .	7.2	9
117	Synthesis of Cyclic Carbonate Functional Polymers. ACS Symposium Series, 1998, , 303-320.	0.5	8
118	Optimization of coating film deposition when using an automated high throughput coating application unit. Progress in Organic Coatings, 2006, 56, 169-177.	1.9	8
119	Glycidyl carbamate functional resins and their applications: a review. Polymer International, 2021, 70, 710-719.	1.6	8
120	Thermal stability of magnesium-rich primers based on glycidyl carbamate resins. Polymer Degradation and Stability, 2010, 95, 1160-1166.	2.7	7
121	Biobased Carboxylic Acids as Components of Sustainable and High-Performance Coating Systems. ACS Sustainable Chemistry and Engineering, 2020, 8, 5750-5762.	3.2	7
122	Poly (vinyl ethers) based on the biomass-derived compound, eugenol, and their one-component, ambient-cured surface coatings. Progress in Organic Coatings, 2022, 170, 106996.	1.9	7
123	Correlation Between Network Mechanical Properties and Physical Properties in Polyesterâ€"Urethane Coatings. ACS Symposium Series, 1996, , 222-234.	0.5	6
124	Properties of nanocomposites based on maleate-vinyl ether donorâ€"acceptor UV-curable systems. Journal of Applied Polymer Science, 2007, 105, 3378-3390.	1.3	6
125	Monomer-grafted sucrose ester resins. Journal of Coatings Technology Research, 2013, 10, 515-525.	1.2	6
126	The potential of natural composite materials in structural design. , 2018, , 269-291.		6

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127	Self-Assembled Nanostructures from Amphiphilic Sucrose-Soyates for Solubilizing Hydrophobic Guest Molecules. Langmuir, 2022, 38, 2066-2075.	1.6	6
128	Synthesis of latexes containing diesters of 3-butene-1,2-diol. Progress in Organic Coatings, 2002, 45, 43-48.	1.9	5
129	Effect of composition on performance properties in cationic UV-curable coating systems. Journal of Coatings Technology Research, 2004, 1, 153-161.	1.2	5
130	Carrier gas UV laser ablation sensitizers for photopolymerized thin films. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 185, 115-126.	2.0	5
131	Conductive Adhesives From Low-VOC Silver Inks for Advanced Microelectronics Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2011, 1, 69-75.	1.4	5
132	Photoacidity of vanillin derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 38-41.	2.0	5
133	Comparison of epoxidation methods for biobased oils: dioxirane intermediates generated from Oxone versus peracid derived from hydrogen peroxide. Polymer International, 2021, 70, 594-603.	1.6	5
134	Modified Soybean Oil as a Processing Oil for Styrene-Butadiene Rubber Tire Tread Compounds. Tire Science and Technology, 2019, 47, 280-291.	0.3	5
135	Linear glycidyl carbamate (GC) resins for highly flexible coatings. Journal of Coatings Technology Research, 2013, 10, 141-151.	1.2	4
136	Durable siloxane-polyurethane coatings for mitigating freshwater mussel fouling. Biofouling, 2022, 38, 260-270.	0.8	4
137	Grooming of fouling-release coatings to control marine fouling and determining how grooming affects the surface. Biofouling, 2022, 38, 384-400.	0.8	4
138	Effect of polymer composition on performance properties of maleate-vinyl ether donor-acceptor UV-curable systems. Journal of Coatings Technology Research, 2006, 3, 213-219.	1.2	3
139	Automated determination of pot life of two-component reactive coatings. Progress in Organic Coatings, 2006, 57, 210-214.	1.9	3
140	Synthesis and characterization of novel polysiloxane based ABA-type triblock copolymers using ATRP. E-Polymers, 2013, 13, .	1.3	3
141	Survey of several catalytic systems for the epoxidation of a biobased ester sucrose soyate. Catalysis Communications, 2018, 111, 31-35.	1.6	3
142	Soy-Based Soft Matrices for Encapsulation and Delivery of Hydrophilic Compounds. Polymers, 2018, 10, 583.	2.0	3
143	Amphiphilic marine coating systems of self-stratified PDMS-PEG surfaces with an epoxy-polyurethane matrix. Journal of Coatings Technology Research, 2022, 19, 795-812.	1.2	3
144	UV Curable Polymers with Organically Modified Clay as the Nanoreinforcements. Materials Research Society Symposia Proceedings, 2003, 788, 11451.	0.1	2

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145	Utilization of Flax Fibers and Glass Fibers in a Bio-Based Resin. , 2014, , .		2
146	Use of high throughput screening methods to study dual-functional crosslinkable latexes. Progress in Organic Coatings, 2020, 149, 105898.	1.9	2
147	Star-shaped Poly(hydroxybutyrate)s from bio-based polyol cores via zinc catalyzed ring-opening polymerization of Î²-Butyrolactone. European Polymer Journal, 2021, 160, 110756.	2.6	2
148	DERIVATIZATION OF SOYBEAN OIL TO ENHANCE PERFORMANCE AS A PROCESSING OIL IN SBR-BASED RUBBER COMPOUNDS. Rubber Chemistry and Technology, 2021, 94, 234-247.	0.6	2
149	Towards Upcycling Biomassâ€Derived Crosslinked Polymers with Light. Angewandte Chemie, 2022, 134, .	1.6	2
150	Parallel esterification of bioâ€based dicarboxylic acids in small scale film reactors: A h ighâ€•t hroughput study. Journal of Polymer Science, 2021, 59, 665-674.	2.0	1
151	Lowâ€unsaturated soybean oils in EPDM rubber compounds. Journal of Applied Polymer Science, 2022, 139, 51499.	1.3	1