

Baris Kiskan

List of Publications by Year in descending order

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97
papers

6,514
citations

50276

46
h-index

64796

79
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99
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99
docs citations

99
times ranked

3083
citing authors

#	ARTICLE	IF	CITATIONS
1	Polybenzoxazinesâ€”New high performance thermosetting resins: Synthesis and properties. <i>Progress in Polymer Science</i> , 2007, 32, 1344-1391.	24.7	1,023
2	Recent advancement on polybenzoxazineâ€”A newly developed high performance thermoset. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5565-5576.	2.3	433
3	Polybenzoxazineâ€”based composites as highâ€”performance materials. <i>Polymer International</i> , 2011, 60, 167-177.	3.1	211
4	Thermally Curable Polystyrene via Click Chemistry. <i>Macromolecules</i> , 2007, 40, 4724-4727.	4.8	154
5	Synthesis, characterization, and properties of new thermally curable polyetheresters containing benzoxazine moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2008, 46, 414-420.	2.3	153
6	Synthesis, characterization, and thermally activated curing of oligosiloxanes containing benzoxazine moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2009, 47, 804-811.	2.3	148
7	Thermally curable benzoxazine monomer with a photodimerizable coumarin group. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1670-1676.	2.3	136
8	Combining Elemental Sulfur with Polybenzoxazines via Inverse Vulcanization. <i>Macromolecules</i> , 2016, 49, 767-773.	4.8	132
9	Thermally curable polyvinylchloride via click chemistry. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3512-3518.	2.3	126
10	Thermally Curable Acetylene-Containing Main-Chain Benzoxazine Polymers via Sonogashira Coupling Reaction. <i>Macromolecules</i> , 2011, 44, 1801-1807.	4.8	123
11	Mesoporous Graphitic Carbon Nitride as a Heterogeneous Visible Light Photoinitiator for Radical Polymerization. <i>ACS Macro Letters</i> , 2012, 1, 546-549.	4.8	122
12	Adapting benzoxazine chemistry for unconventional applications. <i>Reactive and Functional Polymers</i> , 2018, 129, 76-88.	4.1	120
13	Benzoxazine-Based Thermosets with Autonomous Self-Healing Ability. <i>Macromolecules</i> , 2015, 48, 1329-1334.	4.8	116
14	Synthesis and characterization of fluid 1,3â€”benzoxazine monomers and their thermally activated curing. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6955-6961.	2.3	113
15	Photochemically Mediated Atom Transfer Radical Polymerization Using Polymeric Semiconductor Mesoporous Graphitic Carbon Nitride. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 675-681.	2.2	111
16	Enhancing electrochromic properties of polypyrrole by silsesquioxane nanocages. <i>Polymer</i> , 2008, 49, 2202-2210.	3.8	107
17	Versatile Postmodification of Conjugated Microporous Polymers Using Thiol-yne Chemistry. <i>ACS Macro Letters</i> , 2012, 1, 37-40.	4.8	106
18	Externally stimulated click reactions for macromolecular syntheses. <i>Progress in Polymer Science</i> , 2016, 52, 19-78.	24.7	103

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19	Synthesis and characterization of naphthoxazine functional poly(ϵ -caprolactone). <i>Polymer</i> , 2005, 46, 11690-11697.	3.8	98
20	Thermally curable main-chain benzoxazine prepolymers via polycondensation route. <i>Reactive and Functional Polymers</i> , 2013, 73, 346-359.	4.1	95
21	Benzoxazine containing polyester thermosets with improved adhesion and flexibility. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4279-4284.	2.3	90
22	Self-Curable Benzoxazine Functional Polybutadienes Synthesized by Click Chemistry. <i>Designed Monomers and Polymers</i> , 2009, 12, 167-176.	1.6	87
23	Photoinitiated Free Radical Polymerization Using Benzoxazines as Hydrogen Donors. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1539-1544.	3.9	85
24	Polysiloxane-containing benzoxazine moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5156-5162.	2.3	85
25	Synthesis and Characterization of Thermally Curable Benzoxazine-Functionalized Polystyrene Macromonomers. <i>Macromolecular Rapid Communications</i> , 2005, 26, 819-824.	3.9	84
26	Inverse vulcanization of bismaleimide and divinylbenzene by elemental sulfur for lithium sulfur batteries. <i>European Polymer Journal</i> , 2016, 80, 70-77.	5.4	82
27	Recycling and Self-Healing of Polybenzoxazines with Dynamic Sulfide Linkages. <i>Scientific Reports</i> , 2017, 7, 5207.	3.3	79
28	Synthesis, characterization and properties of naphthoxazine-functional poly(propyleneoxide)s. <i>European Polymer Journal</i> , 2006, 42, 3006-3014.	5.4	76
29	Polybenzoxazine Precursors As Self-Healing Agents for Polysulfones. <i>Macromolecules</i> , 2013, 46, 8773-8778.	4.8	73
30	Self-healing of poly(propylene oxide)-polybenzoxazine thermosets by photoinduced coumarine dimerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2911-2918.	2.3	70
31	Synthesis and characterization of nanomagnetite thermosets based on benzoxazines. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6780-6788.	2.3	68
32	Phenolic Naphthoxazines as Curing Promoters for Benzoxazines. <i>Macromolecules</i> , 2018, 51, 1688-1695.	4.8	63
33	Pyrene functional poly(vinyl alcohol) by click-chemistry. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1317-1326.	2.3	62
34	Benzoxazine-Based Thermoset with Autonomous Self-Healing and Shape Recovery. <i>Macromolecules</i> , 2018, 51, 10095-10103.	4.8	62
35	Polybenzoxazine: A Powerful Tool for Removal of Mercury Salts from Water. <i>Chemistry - A European Journal</i> , 2014, 20, 10953-10958.	3.3	60
36	A novel benzoxazine monomer with methacrylate functionality and its thermally curable (co)polymers. <i>Polymer Bulletin</i> , 2011, 66, 165-174.	3.3	59

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37	Synthesis and characterization of sulfone containing main chain oligobenzoxazine precursors. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2445-2450.	2.3	59
38	Thermally curable fluorinated main chain benzoxazine polyethers via Ullmann coupling. <i>Polymer Chemistry</i> , 2013, 4, 2106.	3.9	58
39	Synthesis, characterization and thermally activated curing of polysulfones with benzoxazine end groups. <i>Polymer</i> , 2011, 52, 1504-1509.	3.8	56
40	Synthesis and characterization of thermally curable polyacetylenes by polymerization of propargyl benzoxazine using rhodium catalyst. <i>Polymer</i> , 2008, 49, 2455-2460.	3.8	54
41	Main-chain benzoxazine precursor block copolymers. <i>Polymer Chemistry</i> , 2018, 9, 178-183.	3.9	53
42	Synthesis of polybenzoxazine precursors using thiols: Simultaneous thiol-ene and ring-opening reactions. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4029-4036.	2.3	52
43	Teaching New Tricks to an Old Indicator: pH-Switchable, Photoactive Microporous Polymer Networks from Phenolphthalein with Tunable CO ₂ Adsorption Power. <i>Macromolecules</i> , 2012, 45, 1356-1361.	4.8	50
44	Mesoporous graphitic carbon nitride as a heterogeneous catalyst for photoinduced copper-catalyzed azide-alkyne cycloaddition. <i>RSC Advances</i> , 2014, 4, 52170-52173.	3.6	49
45	Ammonium salt catalyzed ring-opening polymerization of 1,3-benzoxazines. <i>Polymer</i> , 2017, 122, 340-346.	3.8	49
46	Preparation of conductive polybenzoxazines by oxidative polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 999-1006.	2.3	48
47	Hydroxyl Functional Polybenzoxazine Precursor as a Versatile Platform for Post-Polymer Modifications. <i>Macromolecules</i> , 2013, 46, 8434-8440.	4.8	46
48	Poly(benzoxazine-co-sulfur): An efficient sorbent for mercury removal from aqueous solution. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45306.	2.6	44
49	Highly Efficient and Reusable Microporous Schiff Base Network Polymer as a Heterogeneous Catalyst for CuAAC Click Reaction. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1746-1753.	2.2	42
50	Concise synthesis and characterization of unsymmetric 1,3-benzoxazines by tandem reactions. <i>Tetrahedron Letters</i> , 2013, 54, 4966-4969.	1.4	41
51	Advanced Thermosets from Sulfur and Renewable Benzoxazine and Ionones via Inverse Vulcanization. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9145-9155.	6.7	39
52	Ring-Opening Polymerization of 1,3-Benzoxazines via Borane Catalyst. <i>Polymers</i> , 2018, 10, 239.	4.5	38
53	Combining benzoxazine and ketene chemistries for self-healing of high performance thermoset surfaces. <i>Polymer Chemistry</i> , 2018, 9, 2031-2039.	3.9	37
54	Coumarines as masked phenols for amide functional benzoxazines. <i>Polymer Chemistry</i> , 2019, 10, 1268-1275.	3.9	37

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55	Thiol reactive polybenzoxazine precursors: A novel route to functional polymers by thiol-oxazine chemistry. <i>European Polymer Journal</i> , 2015, 69, 636-641.	5.4	36
56	Melamine-based microporous polymer for highly efficient removal of copper(II) from aqueous solution. <i>Polymer International</i> , 2016, 65, 439-445.	3.1	36
57	Thiol-benzoxazine chemistry as a novel Thiol-X reaction for the synthesis of block copolymers. <i>Polymer</i> , 2014, 55, 5550-5556.	3.8	34
58	Advanced Polymers from Simple Benzoxazines and Phenols by Ring-Opening Addition Reactions. <i>Macromolecules</i> , 2020, 53, 2354-2361.	4.8	32
59	Thermal degradation of polysiloxane and polyetherester containing benzoxazine moieties in the main chain. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 90, 155-163.	5.5	29
60	Combining polybenzoxazines and polybutadienes via simultaneous inverse and direct vulcanization for flexible and recyclable thermosets by polysulfide dynamic bonding. <i>Polymer Chemistry</i> , 2019, 10, 5743-5750.	3.9	29
61	Counterion Effect of Amine Salts on Ring-Opening Polymerization of 1,3-Benzoxazines. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800268.	2.2	29
62	Synthesis of thioamide containing polybenzoxazines by the Willgerodt-Kindler reaction. <i>Polymer Chemistry</i> , 2021, 12, 534-544.	3.9	29
63	Electrochemical manipulation of adhesion strength of polybenzoxazines on metal surfaces: from strong adhesion to dismantling. <i>RSC Advances</i> , 2014, 4, 27545.	3.6	25
64	Post-Modification of Polybutadienes by Photoinduced Hydrogen Abstraction from Benzoxazines and Their Thermally Activated Curing. <i>Macromolecules</i> , 2016, 49, 5026-5032.	4.8	25
65	One-Pot, One-Step Strategy for the Preparation of Clickable Melamine Based Microporous Organic Polymer Network. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 1116-1122.	3.6	24
66	An oxygen-tolerant visible light induced free radical polymerization using mesoporous graphitic carbon nitride. <i>European Polymer Journal</i> , 2020, 122, 109410.	5.4	24
67	Soluble and conductive copolymers from 1-(hydroxyalkyl) pyrroles. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1830-1834.	2.6	23
68	Synthesis, Characterization and Thermally-Activated Curing of Azobenzene-Containing Benzoxazines. Designed Monomers and Polymers, 2008, 11, 473-482.	1.6	23
69	One-pot synthesis of poly(triazole-graft-caprolactone) via ring-opening polymerization combined with click chemistry as a novel strategy for graft copolymers. <i>Reactive and Functional Polymers</i> , 2014, 75, 51-55.	4.1	23
70	Combining naphthoxazines and benzoxazines for non-symmetric curable oxazines by one-pot synthesis. <i>European Polymer Journal</i> , 2019, 121, 109352.	5.4	23
71	The Journey of Phenolics from the First Spark to Advanced Materials. <i>Israel Journal of Chemistry</i> , 2020, 60, 20-32.	2.3	23
72	Cyanuric chloride as a potent catalyst for the reduction of curing temperature of benzoxazines. <i>Polymer Chemistry</i> , 2020, 11, 1025-1032.	3.9	23

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73	Design and Synthesis of Thermally Curable Polymers with Benzoxazine Functionalities. <i>Macromolecular Symposia</i> , 2006, 245-246, 27-33.	0.7	21
74	Synthesis and properties of organo-gels by thiol-benzoxazine chemistry. <i>Polymer</i> , 2015, 75, 44-50.	3.8	21
75	Synthetic Strategies to Combine High Performance Benzoxazine Thermosets with Polymers. <i>Macromolecular Symposia</i> , 2010, 298, 145-153.	0.7	19
76	One-Pot Synthesis of Amide-Functional Main-Chain Polybenzoxazine Precursors. <i>Polymers</i> , 2019, 11, 679.	4.5	18
77	Copper(II) removal from the aqueous solution using microporous benzidine-based adsorbent material. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 899-907.	6.7	17
78	Synthesis and Characterization of Polyacetylene with Side-chain Thiophene Functionality. <i>International Journal of Molecular Sciences</i> , 2008, 9, 383-393.	4.1	16
79	Tailoring polyvinyl alcohol with triazinanes and formaldehyde. <i>Reactive and Functional Polymers</i> , 2018, 124, 115-120.	4.1	16
80	Polybenzoxazines in fabrication of separation membranes: A review. <i>Separation and Purification Technology</i> , 2021, 278, 119562.	7.9	16
81	Exploiting the reversible covalent bonding of boronic acids for self-healing/recycling of main-chain polybenzoxazines. <i>Polymer Chemistry</i> , 2022, 13, 3631-3638.	3.9	15
82	Synthesis and characterization of pyrrole and thiophene functional polystyrenes via click chemistry. <i>Polymer Bulletin</i> , 2011, 67, 609-621.	3.3	14
83	Rationalizing the regioselectivity of cationic ring-opening polymerization of benzoxazines. <i>European Polymer Journal</i> , 2018, 105, 61-67.	5.4	12
84	Catalyzing the Ring-Opening Polymerization of 1,3-Benzoxazines via Thioamide from Renewable Sources. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4203-4212.	4.4	10
85	Preparation of microporous organic polymer through Schiff base chemistry and its potential application. <i>Designed Monomers and Polymers</i> , 2015, 18, 567-573.	1.6	9
86	Light induced crosslinking of main chain polybenzoxazines. <i>Polymer Chemistry</i> , 2021, 12, 5781-5786.	3.9	9
87	An efficient, heterogeneous, reusable atom transfer radical polymerization catalyst. <i>Polymer International</i> , 2018, 67, 55-60.	3.1	8
88	Visible Light-Induced Atom Transfer Radical Polymerization for Macromolecular Syntheses. <i>ACS Symposium Series</i> , 2015, , 145-158.	0.5	7
89	Self-Healable and Recyclable Sulfur Rich Poly(vinyl chloride) by S Dynamic Bonding. <i>Macromolecular Chemistry and Physics</i> , 2023, 224, .	2.2	7
90	Polybenzoxazines as Self-Healing Materials. , 2017, , 1019-1028.		5

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91	Surface modification of polybenzoxazines by electrochemical hydroquinone-quinone switch. European Polymer Journal, 2021, 142, 110157.	5.4	5
92	Synthesis, characterization and theoretical interpretation of vibrational spectra of poly(2-methylbut-2-enyl thiophene-3-carboxylate). European Polymer Journal, 2010, 46, 1525-1536.	5.4	3
93	Curable benzoxazine/siloxane hybrid networks from renewable phenolics and glycerol. European Polymer Journal, 2022, 174, 111329.	5.4	3
94	Itâ€™s Elemental! S8 in Poly(benzoxazine) Copolymerizations. Synfacts, 2016, 12, 0363-0363.	0.0	2
95	Light-Induced Reactions of Benzoxazines and Derivatives. , 2011, , 183-191.		1
96	Side- and End-Chain Benzoxazine Functional Polymers. , 2011, , 319-329.		1
97	Thiol-Benzoxazine Chemistry for Macromolecular Modifications. , 2017, , 223-232.		1