List of Publications by Year in descending order

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Μεμπι Περρλπιι

#	Article	IF	CITATIONS
1	Nanocellulose: From Fundamentals to Advanced Applications. Frontiers in Chemistry, 2020, 8, 392.	3.6	586
2	Natural hemp fiber reinforced polybenzoxazine composites: Curing behavior, mechanical and thermal properties. Composites Science and Technology, 2017, 144, 114-124.	7.8	118
3	Ecofriendly isolation and characterization of microcrystalline cellulose from giant reed using various acidic media. Cellulose, 2019, 26, 7635-7651.	4.9	117
4	Mechanical and thermal properties of phthalonitrile resin reinforced with silicon carbide particles. Materials & Design, 2015, 71, 48-55.	5.1	94
5	A Promising Energetic Polymer from <i>Posidonia oceanica</i> Brown Algae: Synthesis, Characterization, and Kinetic Modeling. Macromolecular Chemistry and Physics, 2019, 220, 1900358.	2.2	88
6	Synthesis, curing behavior and thermal properties of fluorene containing benzoxazines. European Polymer Journal, 2010, 46, 1024-1031.	5.4	86
7	Mechanical and thermal properties of silicon nitride reinforced polybenzoxazine nanocomposites. Composites Science and Technology, 2014, 105, 73-79.	7.8	74
8	The influence of different chemical treatments on the hemp fiber/polybenzoxazine based green composites: Mechanical, thermal and water absorption properties. Materials Chemistry and Physics, 2018, 217, 270-277.	4.0	71
9	Effect of silane surface modified titania nanoparticles on the thermal, mechanical, and corrosion protective properties of a bisphenol-A based phthalonitrile resin. Progress in Organic Coatings, 2016, 90, 34-43.	3.9	67
10	Synthesis, curing kinetics and thermal properties of bisphenol-AP-based benzoxazine. European Polymer Journal, 2011, 47, 2158-2168.	5.4	56
11	Effect of crab shell particles on the thermomechanical and thermal properties of polybenzoxazine matrix. Materials & Design, 2014, 61, 1-7.	5.1	56
12	Effects of Cu/Mg ratio on the microstructure, mechanical and corrosion properties of Al-Li-Cu-Mg-X alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 718, 241-249.	5.6	55
13	Synthesis, curing kinetics and thermal properties of a novel self-promoted fluorene-based bisphthalonitrile monomer. Thermochimica Acta, 2015, 602, 22-29.	2.7	54
14	Synthesis, Characterization, and Thermal Decomposition Kinetics of Nitrogen-Rich Energetic Biopolymers from Aminated Giant Reed Cellulosic Fibers. Industrial & Engineering Chemistry Research, 2020, 59, 22677-22689.	3.7	52
15	Synthesis, characterization and thermal decomposition behavior of a novel HNTO/AN co-crystal as a promising rocket propellant oxidizer. Chemical Engineering Journal, 2021, 417, 128010.	12.7	50
16	High thermal and thermomechanical properties obtained by reinforcing a bisphenol-A based phthalonitrile resin with silicon nitride nanoparticles. Materials Letters, 2015, 149, 81-84.	2.6	49
17	Effect of the Delignification Process on the Physicochemical Properties and Thermal Stability of Microcrystalline Cellulose Extracted from Date Palm Fronds. Waste and Biomass Valorization, 2021, 12, 2779-2793.	3.4	49
18	Mechanical, thermal, and UV-shielding behavior of silane surface modified ZnO-reinforced phthalonitrile nanocomposites. Polymers for Advanced Technologies, 2016, 27, 882-888.	3.2	45

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19	Bio-based phthalonitrile compounds: Synthesis, curing behavior, thermomechanical and thermal properties. Reactive and Functional Polymers, 2018, 127, 1-9.	4.1	44
20	Morphological, mechanical and thermal properties of cyanate ester/benzoxazine resin composites reinforced by silane treated natural hemp fibers. Chinese Journal of Chemical Engineering, 2018, 26, 1219-1228.	3.5	44
21	Anti-tumor effect of polysaccharide from Hirsutella sinensis on human non-small cell lung cancer and nude mice through intrinsic mitochondrial pathway. International Journal of Biological Macromolecules, 2017, 99, 258-264.	7.5	43
22	Mechanical and thermal properties of a room temperature curing epoxy resin and related hemp fibers reinforced composites using a novel in-situ generated curing agent. Materials Chemistry and Physics, 2018, 203, 293-301.	4.0	43
23	High performance ceramic-based phthalonitrile micro and nanocomposites. Materials Letters, 2016, 182, 380-385.	2.6	42
24	Synthesis, curing behavior and thermal properties of fluorene-containing benzoxazines based on linear and branched butylamines. Reactive and Functional Polymers, 2014, 74, 22-30.	4.1	41
25	Preparation and characterization of thermally-conductive silane-treated silicon nitride filled polybenzoxazine nanocomposites. Materials Letters, 2015, 155, 34-37.	2.6	41
26	Influence of the rolling direction on the microstructure, mechanical, anisotropy and gamma rays shielding properties of an Al-Cu-Li-Mg-X alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 732, 129-137.	5.6	41
27	Effect of silane modified microcrystalline cellulose on the curing kinetics, thermo-mechanical properties and thermal degradation of benzoxazine resin. International Journal of Biological Macromolecules, 2021, 180, 194-202.	7.5	41
28	Toward advanced gamma rays radiation resistance and shielding efficiency with phthalonitrile resins and composites. Nuclear Instruments & Methods in Physics Research B, 2018, 421, 13-17.	1.4	39
29	Thermal and mechanical properties enhancements obtained by reinforcing a bisphenol-a based phthalonitrile resin with silane surface-modified alumina nanoparticles. Polymer Composites, 2017, 38, 1549-1558.	4.6	38
30	Highly filled boron nitride-phthalonitrile nanocomposites for exigent thermally conductive applications. Applied Thermal Engineering, 2017, 115, 630-636.	6.0	38
31	Influence of fiber volume fractions on the performances of alkali modified hemp fibers reinforced cyanate ester/benzoxazine blend composites. Materials Chemistry and Physics, 2018, 213, 146-156.	4.0	38
32	Impacts of hemp fiber diameter on mechanical and water uptake properties of polybenzoxazine composites. Industrial Crops and Products, 2018, 111, 277-284.	5.2	38
33	Investigation of the Polymerization Behavior and Regioselectivity of Fluorene Diamineâ€Based Benzoxazines. Macromolecular Chemistry and Physics, 2013, 214, 617-628.	2.2	36
34	Highâ€performance polymeric materials with greatly improved mechanical and thermal properties from cyanate ester/benzoxazine resin reinforced by silaneâ€treated basalt fibers. Journal of Applied Polymer Science, 2018, 135, 46283.	2.6	36
35	Silane-modified carbon fibers reinforced cyanate ester/benzoxazine resin composites: Morphological, mechanical and thermal degradation properties. Vacuum, 2018, 150, 12-23.	3.5	36
36	Synthesis, thermal properties and curing kinetics of fluorene diamine-based benzoxazine containing ester groups. European Polymer Journal, 2013, 49, 2759-2768.	5.4	35

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37	Investigation of synthesis, thermal properties and curing kinetics of fluorene diamine-based benzoxazine by using two curing kinetic methods. Thermochimica Acta, 2013, 564, 51-58.	2.7	35
38	Design and characterization of new advanced energetic biopolymers based on surface functionalized cellulosic materials. Cellulose, 2021, 28, 6107-6123.	4.9	35
39	Copolymerization of bisphthalonitrile/benzoxazine blends: Curing behavior, thermomechanical and thermal properties. Reactive and Functional Polymers, 2018, 123, 97-105.	4.1	33
40	Synthesis of benzophenone-center bisphenol-A containing phthalonitrile monomer (BBaph) and its copolymerization with P-a benzoxazine. Reactive and Functional Polymers, 2018, 129, 46-52.	4.1	33
41	Effects of accelerated weathering on the mechanical properties of hemp fibre/polybenzoxazine based green composites. Composites Part A: Applied Science and Manufacturing, 2020, 128, 105653.	7.6	33
42	Effects of gamma irradiation on the mechanical and thermal properties of cyanate ester/benzoxazine resin. Radiation Physics and Chemistry, 2017, 141, 110-117.	2.8	32
43	Reinforcement of economical and environment friendly Acacia catechu particles for the reduction of brittleness and curing temperature of polybenzoxazine thermosets. Composites Part A: Applied Science and Manufacturing, 2018, 105, 258-264.	7.6	32
44	Characterization of raw and treated Arundo donax L. cellulosic fibers and their effect on the curing kinetics of bisphenol A-based benzoxazine. International Journal of Biological Macromolecules, 2020, 164, 2931-2943.	7.5	32
45	Tunable properties of novel tetra-functional fluorene-based benzoxazines from mixed amines: Synthesis, characterization and curing kinetics. Thermochimica Acta, 2016, 633, 1-11.	2.7	30
46	Synthesis, curing kinetics and thermal properties of novel difunctional chiral and achiral benzoxazines with double chiral centers. Journal of Thermal Analysis and Calorimetry, 2013, 114, 1255-1264.	3.6	28
47	Chemical design and characterization of cellulosic derivatives containing high-nitrogen functional groups: Towards the next generation of energetic biopolymers. Defence Technology, 2022, 18, 537-546.	4.2	27
48	Mechanical and gamma rays shielding properties of a novel fiber-metal laminate based on a basalt/phthalonitrile composite and an Al-Li alloy. Composite Structures, 2019, 210, 421-429.	5.8	26
49	Preparation of amino-functionalized microcrystalline cellulose from Arundo Donax L. and its effect on the curing behavior of bisphenol A–based benzoxazine. Thermochimica Acta, 2021, 698, 178882.	2.7	26
50	Reinforcement of waste hemp fibres in aromatic diamine-based benzoxazine thermosets for the enhancement of mechanical and thermomechanical properties. Plastics, Rubber and Composites, 2017, 46, 442-449.	2.0	25
51	Synthesis of cardanolâ€based phthalonitrile monomer and its copolymerization with phenol–anilineâ€based benzoxazine. Journal of Applied Polymer Science, 2019, 136, 47505.	2.6	25
52	Nonâ€Isothermal Curing Kinetics of Alkaliâ€Treated Alfa Fibers/Polybenzoxazine Composites Using Differential Scanning Calorimetry. ChemistrySelect, 2020, 5, 5374-5386.	1.5	24
53	Copolymerization of mono and difunctional benzoxazine monomers with bio-based phthalonitrile monomer: Curing behaviour, thermal, and mechanical properties. Reactive and Functional Polymers, 2018, 131, 156-163.	4.1	23
54	Effects of aluminium nitride silane-treatment on the mechanical and thermal properties of polybenzoxazine matrix. Plastics, Rubber and Composites, 2016, 45, 72-80.	2.0	22

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55	Multifunctional Hybrid Composites with Enhanced Mechanical and Thermal Properties Based on Polybenzoxazine and Chopped Kevlar/Carbon Hybrid Fibers. Polymers, 2018, 10, 1308.	4.5	21
56	Sustainable and Ecofriendly Chemical Design of High Performance Bio-Based Thermosets for Advanced Applications. Frontiers in Chemistry, 2021, 9, 691117.	3.6	21
57	Morphological, thermal and mechanical properties of benzoxazine resin reinforced with alkali treated alfa fibers. Industrial Crops and Products, 2021, 165, 113423.	5.2	21
58	Biobased thermally-stable aromatic cyanate ester thermosets: A review. Reactive and Functional Polymers, 2021, 168, 105037.	4.1	21
59	Preparation and properties of chitosan particle-reinforced polybenzoxazine blends. Journal of Composite Materials, 2015, 49, 2449-2458.	2.4	20
60	A novel high performance oxazine derivative: design of tetrafunctional monomer, step-wise ring-opening polymerization, improved thermal property and broadened processing window. RSC Advances, 2015, 5, 33623-33631.	3.6	19
61	Effect of (α+β) heat treatment on microstructure and mechanical properties of (TiB+TiC)/Ti–B20 matrix composite. Materials and Design, 2015, 87, 488-494.	7.0	19
62	High performance nanocomposites from Ti <sub>3</sub> SiC <sub>2</sub> MAX phase and phthalonitrile resin. Polymer Composites, 2018, 39, 3705-3711.	4.6	19
63	Evaluation of mechanical and thermal properties of modified epoxy resin by using acacia catechu particles. Materials Chemistry and Physics, 2019, 225, 239-246.	4.0	19
64	High-performance polymer composites with enhanced mechanical and thermal properties from cyanate ester/benzoxazine resin and short Kevlar/glass hybrid fibers. High Performance Polymers, 2019, 31, 719-732.	1.8	18
65	Thermal stability and gamma ray shielding properties of tungsten borides/epoxy micro-composites. Radiation Physics and Chemistry, 2021, 189, 109769.	2.8	18
66	Multifunctional polymer materials with enhanced mechanical, thermal and gamma radiation shielding properties from dicyanate ester of bisphenol-A/bisphenol-A based benzoxazine resin and short kevlar/basalt hybrid fibers. Journal of Polymer Research, 2018, 25, 1.	2.4	17
67	Structural and mechanical characteristics of silane-modified PIPD/basalt hybrid fiber-reinforced polybenzoxazine composites. Materials Chemistry and Physics, 2019, 237, 121850.	4.0	17
68	New oligomeric containing aliphatic moiety phthalonitrile resins: their mechanical and thermal properties in presence of silane surface-modified zirconia nanoparticles. Iranian Polymer Journal (English Edition), 2016, 25, 503-514.	2.4	16
69	Synthesis of novel multi-functional fluorene-based benzoxazine resins: Polymerization behaviour, curing kinetics, and thermal properties. Reactive and Functional Polymers, 2019, 143, 104344.	4.1	16
70	Preparation and characterization of phthalonitrile resin within hyperbranched structure. High Performance Polymers, 2020, 32, 963-972.	1.8	16
71	Cost Effective Surfaceâ€Modified Basalt Fibersâ€Reinforced Phthalonitrile Composites With Improved Mechanical Properties and Advanced Nuclear Shielding Efficiency. Polymer Composites, 2019, 40, E912. 	4.6	15
72	Hybrid phthalonitrileâ€based materials with advanced mechanical and nuclear shielding performances. Polymer Composites, 2020, 41, 134-141.	4.6	15

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73	Effects of silane surface modified alumina nanoparticles on the mechanical, thermomechanical, and ballistic impact performances of epoxy/oxidized <scp>UHMWPE</scp> composites. Polymer Composites, 2020, 41, 4526-4537.	4.6	15
74	High-performance polymeric nanocomposites from phthalonitrile resin and silane surface–modified Ti <sub>3</sub> AlC <sub>2</sub> MAX phase. High Performance Polymers, 2018, 30, 427-436.	1.8	14
75	Improvements of Thermal, Mechanical, and Water-Resistance Properties of Polybenzoxazine/Boron Carbide Nanocomposites. Jom, 2016, 68, 2533-2542.	1.9	13
76	Novel amino-containing fluorene-based bisphthalonitrile compounds with flexible group. High Performance Polymers, 2018, 30, 767-775.	1.8	13
77	Curing behavior and properties of benzoxazineâ€∢i>coâ€selfâ€promoted phthalonitrile polymers. Journal of Applied Polymer Science, 2018, 135, 46578.	2.6	13
78	Preparation and characterization of a high heat resistant phthalonitrile resin modified by polyborosilazane ceramic precursor. Polymers for Advanced Technologies, 2022, 33, 1855-1866.	3.2	13
79	Curing behavior, mechanical and thermal properties of <scp>epoxyâ€CeO<sub>2</sub></scp> nanocomposites. Journal of Applied Polymer Science, 2022, 139, 51529.	2.6	12
80	Natural fiber reinforced polybenzoxazine composites: A review. Materials Today Communications, 2022, 31, 103645.	1.9	12
81	Synthesis, curing behavior, and thermal properties of fluorene-based benzoxazine-endcapped copoly(ether ketone ketone)s. Journal of Thermal Analysis and Calorimetry, 2015, 119, 1913-1921.	3.6	11
82	Effect of SiC addition on mechanical properties of hot-pressed Al2O3-GdAlO3 ceramics with eutectic composition. Ceramics International, 2018, 44, 9585-9592.	4.8	11
83	Phthalonitrile Resins' Properties. , 2018, , 55-106.		11
84	Chapter 5. Cellulose Nanoparticles: Extractions. , 2021, , 113-148.		11
85	Outstanding thermal neutrons shields based on epoxy, UHMWPE fibers and boron carbide particles. Applied Radiation and Isotopes, 2021, 176, 109837.	1.5	11
86	Synthesis and properties of novel self-catalytic phthalonitrile monomers with aliphatic chain and their copolymerization with multi-functional fluorene-based benzoxazine monomers. European Polymer Journal, 2021, 161, 110862.	5.4	11
87	Experimental and modeling of thermal and dielectric properties of aluminum nitride-reinforced polybenzoxazine hybrids. Journal of Thermal Analysis and Calorimetry, 2016, 126, 561-570.	3.6	10
88	On the preparation and properties investigations of highly performant MXene (Ti <sub>3</sub> C <sub>2</sub> (OH) <sub>2</sub> ) nanosheets-reinforced phthalonitrile nanocomposites. Advanced Composites Letters, 2019, 28, 2633366X1989062.	1.3	10
89	Development of lightweight and highly efficient fast neutrons composites shields based on epoxy, UHMWPE fibres and boron carbide particles. Radiation Physics and Chemistry, 2022, 193, 109510.	2.8	10
90	Preparation, dielectric and thermomechanical properties of a novel epoxy resin system cured at room temperature. Journal of Materials Science: Materials in Electronics, 2021, 32, 24902-24909.	2.2	10

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91	High performance green composite from vanillin-based benzoxazine containing phthalonitrile and silane surface modified basalt fibers. High Performance Polymers, 2022, 34, 989-997.	1.8	10
92	Fiber-Reinforced Phthalonitrile Composites. , 2018, , 241-294.		9
93	Tailoring the desired properties of dicyanate ester of bisphenol-A/bisphenol-A based benzoxazine resin by silane-modified acacia catechu particles. Reactive and Functional Polymers, 2018, 131, 333-341.	4.1	9
94	One-pot synthesis, characterization and polymerization of hyperbranched benzoxazine resins derived from A2+ B3 monomers. Materials Today Communications, 2019, 21, 100638.	1.9	9
95	Trifunctional quinoxalineâ€based maleimide and its polymer alloys with benzoxazine: Synthesis, characterization, and properties. Journal of Applied Polymer Science, 2021, 138, 49694.	2.6	9
96	Effects of hollow glass microspheres on the polybenzoxazine thermosets: Mechanical, thermal, heat insulation, and morphological properties. Journal of Applied Polymer Science, 2022, 139, 51643.	2.6	9
97	Kevlar fabric reinforced polybenzoxazine composites filled with silane treated microcrystalline cellulose in the interlayers: The next generation of multi-layered armor panels. Defence Technology, 2022, 18, 2000-2007.	4.2	9
98	Diatomiteâ€filled epoxy resin composites: Curing behavior, dielectric, and thermal properties. Polymer Composites, 2022, 43, 422-429.	4.6	9
99	Fabrication Process, Tensile, and Gamma Rays Shielding Properties of Newly Developed Fiber Metal Laminates Based on an Al–Li Alloy and Carbon Fibersâ€∓ungsten Carbide Nanoparticles Reinforced Phthalonitrile Resin Composite. Advanced Engineering Materials, 2019, 21, 1800779.	3.5	8
100	On the mechanical and morphological properties of highly performant composite laminates based on epoxy resin and oxidized ultrahigh-molecular-weight polyethylene fibers. High Performance Polymers, 2020, 32, 992-1000.	1.8	8
101	Effect of different chemical treatments and loadings of <i>Arundo donax</i> L. fibers on the dynamic mechanical, thermal, and morphological properties of bisphenol A aniline based polybenzoxazine composites. Polymer Composites, 2021, 42, 5199-5208.	4.6	8
102	Microstructure, mechanical and thermo-physical properties of hot-pressed Al 2 O 3 -GdAlO 3 -ZrO 2 ceramics with eutectic composition. Progress in Natural Science: Materials International, 2017, 27, 491-497.	4.4	7
103	Synergetic effects of short carbon/basalt hybrid fibers on the mechanical, thermal and nuclear shielding properties of DCBA/BA-a resin composites. Composites Communications, 2019, 15, 179-185.	6.3	7
104	Exploring the hybrid effects of short glass/basalt fibers on the mechanical, thermal and gamma-radiation shielding properties of DCBA/BA-a resin composites. Polymer-Plastics Technology and Materials, 2020, 59, 311-322.	1.3	7
105	Structural, morphological and mechanical properties of hyperbranched polymers coated carbon fibers reinforced DCBA/BA-a composites. Composite Interfaces, 2020, 27, 905-919.	2.3	7
106	Optimization of bio-oil production from Pistacia lentiscus seed liquefaction and its effect on diesel engine performance and pollutant emissions. Biomass Conversion and Biorefinery, 2022, 12, 3359-3372.	4.6	7
107	Studies on the curing behavior, thermal, and mechanical properties of epoxy resinâ€coâ€amineâ€functionalized lead phthalocyanine. Journal of Applied Polymer Science, 2020, 137, 48983. 	2.6	7
108	Benzoxazine resin as an interesting building block for advanced neutrons shields. High Performance Polymers, 2021, 33, 1116-1123.	1.8	7

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109	Pinecone particles filled polybenzoxazine composites: Thermomechanical and mechanical properties. Journal of Applied Polymer Science, 2021, 138, 51279.	2.6	7
110	Novel self-promoted phthalonitrile monomer with siloxane segments: synthesis, curing kinetics, and thermal properties. New Journal of Chemistry, 2022, 46, 4072-4081.	2.8	7
111	Thermal properties of a series of tetrafunctional fluorene-based oxazines/P-a blends. High Performance Polymers, 2017, 29, 1139-1147.	1.8	6
112	Simultaneous toughening and reinforcing of cyanate ester/benzoxazine resins with improved mechanical and thermal properties by using hyperbranched polyesters. Journal of Polymer Engineering, 2018, 38, 839-848.	1.4	6
113	Enhancing the Mechanical and Thermal Properties of Dicyanate Ester of Bisphenol-A/Bisphenol-A Based Benzoxazine Resin Blend by Using Short Glass Fibers. Fibers and Polymers, 2019, 20, 811-822.	2.1	6
114	Processability and mechanical properties of surface-modified glass-fibres/phthalonitrile composite and Al–Li alloy fibre-metal-laminates. Materials Science and Technology, 2019, 35, 661-668.	1.6	6
115	SiBCN ceramic precursor modified phthalonitrile resin with high thermal resistance. High Performance Polymers, 0, , 095400832097761.	1.8	6
116	Advanced hybrid materials from epoxy, oxidized UHMWPE fibers and silane surface modified silicon nitride nanoparticles. High Performance Polymers, 2021, 33, 440-450.	1.8	6
117	Curing characteristics, kinetics, and thermal properties of multifunctional fluorene benzoxazines containing hydroxyl groups. Journal of Applied Polymer Science, 2021, 138, 50131.	2.6	6
118	Synthesis and properties of a novel autocatalytic phthalonitrile monomer and its copolymerization with multiâ€functional fluoreneâ€based benzoxazine monomers. Journal of Applied Polymer Science, 0, , 52193.	2.6	6
119	Novel vanillin-based benzoxazine containing phthalonitrile thermosetting system: Simple synthesis, autocatalytic polymerization and high thermomechanical properties. High Performance Polymers, 2022, 34, 818-827.	1.8	6
120	Evolution of Microstructure, Mechanical Properties, and Thermal Conductivity of an Al-Li-Cu-Mg-Zr Alloy Processed by Accumulative Roll Bonding (ARB). Jom, 2019, 71, 4096-4104.	1.9	5
121	Amino-Functionalized Lead Phthalocyanine-Modified Benzoxazine Resin: Curing Kinetics, Thermal, and Mechanical Properties. Polymers, 2019, 11, 1855.	4.5	5
122	Impact of sodium bicarbonate treatment of waste hemp fibers on the properties of dicyanate ester of bisphenol-A/bisphenol-A-based benzoxazine resin composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 2126-2139.	1.1	5
123	Study of gammaâ€ray radiation effects on series of bisphthalonitrile resins: Thermomechanical, mechanical, and thermal properties. Journal of Applied Polymer Science, 2020, 137, 48313.	2.6	5
124	Synthesis of novel allylamine-fluorene based benzoxazine and its copolymerization with typical benzoxazine: curing behavior and thermal properties. New Journal of Chemistry, 2020, 44, 18917-18928.	2.8	5
125	Toward an efficient stress transfer with a fully connected hybrid network from epoxy, oxidized <scp>UHMWPE</scp> fibers, and silane surface modified silicon carbide nanoparticles. Polymer Composites, 2021, 42, 462-473.	4.6	5
126	Development of highly performant hybrid materials based on phthalonitrile resin for a simultaneous ballistic and nuclear shielding protection. High Performance Polymers, 2021, 33, 217-227.	1.8	5

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127	Highly advanced phthalonitrile composites from epoxyâ€ended hyperbranched poly(trimellitic anhydride) Tj ETQq1	10.7843 4.6	314 rgBT /O
128	Synthesis and Characterization of Microcrystalline Cellulose from Giant Reed Using Different Delignification Processes. Materials Horizons, 2021, , 173-187.	0.6	5
129	High Performance Dual Ballistic and Thermal Neutrons Shields From Kevlar Fibers Reinforced Epoxy/B4C Hybrid Composites. Frontiers in Physics, 2022, 10, .	2.1	5
130	Electromagnetic interference shielding effectiveness of polypyrrole-silver nanocomposite films on silane-modified flexible sheet. High Performance Polymers, 2022, 34, 310-320.	1.8	5
131	Ceramic-Based Polybenzoxazine Micro- and Nanocomposites. , 2017, , 861-919.		4
132	Preparation and characterization of a new high-performance polymer composite and its application as a lead-free polymer-based projectile. High Performance Polymers, 2020, 32, 550-558.	1.8	4
133	Mannich reaction as an interesting synthetic route for the development of energetic benzoxazine polymers. Materials Today Communications, 2021, 29, 102878.	1.9	4
134	Cellulose Fibers and Nanocrystals: Preparation, Characterization, and Surface Modification. , 2020, , 171-190.		4
135	Synthesis and characterization of nitrogen-rich polybenzoxazines for energetic applications. High Performance Polymers, 2022, 34, 455-464.	1.8	4
136	Artificial neural network prediction of thermal and mechanical properties for <scp> Bi <sub>2</sub> O <sub>3</sub> â€polybenzoxazine </scp> nanocomposites. Journal of Applied Polymer Science, 2022, 139,	2.6	4
137	Efficient Synthesis of Pyridinâ€2(1H)â€ones From a Series of Readily Available Enaminones Under Mild Conditions. Journal of Heterocyclic Chemistry, 2018, 55, 2732-2736.	2.6	3
138	X-Functional Phthalonitrile Monomers and Polymers. , 2018, , 107-174.		3
139	Effect of TiC Content on Tensile Properties, Bend Strength, and Thermal Conductivity of Al-Li-Cu-Mg-Zr Alloy/TiC Composites Produced by Accumulative Roll Bonding. Journal of Materials Engineering and Performance, 2020, 29, 3253-3263.	2.5	2
140	<scp>Polybenzoxazineâ€hazelnut</scp> shell composites: Curing behavior, thermal stability, mechanical properties, and material stress analysis. Polymer Composites, 2022, 43, 4351-4357.	4.6	2
141	Phthalonitrile-Based Blends and Copolymers. , 2018, , 175-239.		1
142	Introduction to the Phthalonitrile Resins and Their Curing Behavior. , 2018, , 1-54.		1
143	Modification of traditional benzoxazine by blending with polyfunctional benzoxazines containing aromatic group and fluorene group. High Performance Polymers, 2021, 33, 615-622.	1.8	1
144	Ceramic-Based Phthalonitrile Micro- and Nanocomposites. , 2018, , 295-375.		0

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145	Polymer composites based Epoxy-WB and WB <sub>2</sub> :Camma-rays impact on structure, thermal degradation, and mechanical behavior. High Performance Polymers, 0, , 095400832211052.	1.8	0