

# Po Yang

## List of Publications by Year in descending order

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papers

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citations

567281

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610901

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docs citations

25  
times ranked

562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of hydrogen bonds on the modulus of bulk polybenzoxazines in the glassy state. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 15333.	2.8	66
2	Novel environmentally sustainable cardanol-based plasticizer covalently bound to PVC via click chemistry: synthesis and properties. <i>RSC Advances</i> , 2015, 5, 16980-16985.	3.6	59
3	A novel benzimidazole moiety-containing benzoxazine: Synthesis, polymerization, and thermal properties. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1261-1271.	2.3	47
4	Curing kinetics of phenolphthalein-aniline-based benzoxazine investigated by non-isothermal differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1755-1764.	3.6	44
5	Polybenzoxazines: Thermal Responsiveness of Hydrogen Bonds and Application as Latent Curing Agents for Thermosetting Resins. <i>ACS Omega</i> , 2017, 2, 1529-1534.	3.5	40
6	Synthesis and curing behavior of a benzoxazine based on phenolphthalein and its high performance polymer. <i>Journal of Polymer Research</i> , 2011, 18, 1725-1733.	2.4	36
7	A study on the chain propagation of benzoxazine. <i>Polymer Chemistry</i> , 2016, 7, 860-866.	3.9	32
8	Effect of Hydrogen Bonds on Structures and Glass Transition Temperatures of Maleimide-Isobutene Alternating Copolymers: Molecular Dynamics Simulation Study. <i>Macromolecular Theory and Simulations</i> , 2013, 22, 107-114.	1.4	31
9	Effect of hydrogen bonds on the polymerization of benzoxazines: influence and control. <i>RSC Advances</i> , 2016, 6, 45630-45635.	3.6	31
10	Synthesis of a novel benzoxazine-containing benzoxazole structure and its high performance thermoset. <i>Journal of Applied Polymer Science</i> , 2012, 124, 2415-2422.	2.6	30
11	Blends of sulfonated polysulfone/polysulfone/4,4'-diaminodiphenyl methane-based benzoxazine: multiphase structures and properties. <i>Polymer International</i> , 2015, 64, 118-125.	3.1	24
12	Copolymers of phenolphthalein-aniline-based benzoxazine and biphenyl epoxy: curing behavior and thermal and mechanical properties. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	22
13	Novel environmentally sustainable cardanol-based plasticizers: synthesis and properties. <i>Polymer International</i> , 2016, 65, 464-472.	3.1	20
14	Enhancing the performances of polybenzoxazines by modulating hydrogen bonds. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	18
15	Blends of polybenzoxazine/poly(acrylic acid): hydrogen bonds and enhanced performances. <i>Polymer International</i> , 2017, 66, 1159-1163.	3.1	16
16	Effect of phenol on the synthesis of benzoxazine. <i>RSC Advances</i> , 2015, 5, 103203-103209.	3.6	14
17	Preparation and characterization of novel multi-branched polymers in situ cured from benzoxazine/epoxy resin/primary amines blends. <i>RSC Advances</i> , 2016, 6, 15271-15278.	3.6	14
18	Blends of 4,4'-diaminodiphenyl methane-based benzoxazine and polysulfone: morphologies and properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	13

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19	Study on products and reaction paths for synthesis of 3,4-dihydro-2H-3-phenyl-1,3-benzoxazine from phenol, aniline and formaldehyde. Chinese Chemical Letters, 2015, 26, 348-352.	9.0	12
20	Effect of methyl substituent on the curing of bisphenol-arylamine-based benzoxazines. Thermochimica Acta, 2018, 662, 55-63.	2.7	10
21	Numerical analyses of the influence of baffles on the dynamics of debris flow in a gully. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	9
22	Synthesis of a novel benzoxazine containing benzoxazole structure. Chinese Chemical Letters, 2010, 21, 558-562.	9.0	8
23	Hydrogen bonds in the blends of polybenzoxazines and N,N <sup>2</sup> -(pyridine-2,6-diyl)diacetamide: Inter- or intra-molecular hydrogen bonds?. Journal of Molecular Structure, 2017, 1147, 26-32.	3.6	6
24	Rapid synthesis of diol homolog-based thermosets with tunable properties via ring-opening metathesis polymerization. Materials Advances, 2021, 2, 3671-3676.	5.4	4
25	CHCl <sub>3</sub> /triethanolamine: a new mixed solvent for preparing high-molecular-weight main-chain benzoxazines through Mannich-type polycondensation. Polymer Journal, 2022, 54, 1071-1079.	2.7	1