

Sufang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3321925/publications.pdf>

Version: 2024-02-01

50
papers

1,323
citations

394421

19
h-index

361022

35
g-index

51
all docs

51
docs citations

51
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of epoxy-ended hyperbranched polymers. <i>Chemical Engineering Journal</i> , 2018, 343, 283-302.	12.7	176
2	Recyclable thermoset hyperbranched polymers containing reversible hexahydro-s-triazine. <i>Nature Sustainability</i> , 2020, 3, 29-34.	23.7	102
3	Hydrothermal Carbon-Coated TiO ₂ as Support for Co-Based Catalyst in Fischer-Tropsch Synthesis. <i>ACS Catalysis</i> , 2018, 8, 1591-1600.	11.2	74
4	Degradable and recyclable bio-based thermoset epoxy resins. <i>Green Chemistry</i> , 2020, 22, 4187-4198.	9.0	70
5	Plasma-Assisted Preparation of Highly Dispersed Cobalt Catalysts for Enhanced Fischer-Tropsch Synthesis Performance. <i>ACS Catalysis</i> , 2018, 8, 6177-6185.	11.2	60
6	Controllability of epoxy equivalent weight and performance of hyperbranched epoxy resins. <i>Composites Part B: Engineering</i> , 2019, 160, 615-625.	12.0	58
7	Closed-Loop Recycling of Both Resin and Fiber from High-Performance Thermoset Epoxy/Carbon Fiber Composites. <i>ACS Macro Letters</i> , 2021, 10, 1113-1118.	4.8	56
8	Synthesis of degradable hyperbranched epoxy resins with high tensile, elongation, modulus and low-temperature resistance. <i>Composites Part B: Engineering</i> , 2020, 192, 108005.	12.0	47
9	Simultaneous Improvement on Strength, Modulus, and Elongation of Carbon Nanotube Films Functionalized by Hyperbranched Polymers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36278-36285.	8.0	45
10	Construction of extensible and flexible supercapacitors from covalent organic framework composite membrane electrode. <i>Chemical Engineering Journal</i> , 2020, 387, 124071.	12.7	42
11	The effect of molecular weight of hyperbranched epoxy resins with a silicone skeleton on performance. <i>RSC Advances</i> , 2013, 3, 9522.	3.6	41
12	Synthesis of a Degradable High-Performance Epoxy-Ended Hyperbranched Polyester. <i>ACS Omega</i> , 2017, 2, 1350-1359.	3.5	41
13	Environment-friendly synthesis and performance of a novel hyperbranched epoxy resin with a silicone skeleton. <i>RSC Advances</i> , 2013, 3, 3095.	3.6	38
14	Preparation of hyperbranched epoxy resin containing nitrogen heterocycle and its toughened and reinforced composites. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3261-3269.	2.6	37
15	Highly efficient preparation of hyperbranched epoxy resins by UV-initiated thiol-ene click reaction. <i>Progress in Organic Coatings</i> , 2016, 101, 178-185.	3.9	30
16	The versatility of hyperbranched epoxy resins containing hexahydro-s-triazine on diglycidyl ether of bisphenol-A composites. <i>Composites Part B: Engineering</i> , 2020, 196, 108109.	12.0	29
17	Synthesis and Characterization of Low Viscosity Aromatic Hyperbranched Poly(trimellitic anhydride) Tj ETQq1 1 0.784314 rgBT /Overloc	2.2	25
18	The effect of the nanofibrous Al ₂ O ₃ aspect ratio on Fischer-Tropsch synthesis over cobalt catalysts. <i>Nanoscale</i> , 2017, 9, 570-581.	5.6	25

#	ARTICLE	IF	CITATIONS
19	Functionalized carbon nanotube films by thiol-ene click reaction. <i>Applied Surface Science</i> , 2019, 486, 144-152.	6.1	22
20	Ru catalysts supported on Al ³⁺ -SBA-15 with high aluminum content and their bifunctional catalytic performance in Fischer-Tropsch synthesis. <i>Catalysis Science and Technology</i> , 2014, 4, 1005.	4.1	19
21	Synthesis and Degradation Mechanism of Self-Cured Hyperbranched Epoxy Resins from Natural Citric Acid. <i>ACS Omega</i> , 2018, 3, 8141-8148.	3.5	17
22	Kinetics of curing and thermal degradation of hyperbranched epoxy (HTDE)/diglycidyl ether of bisphenol-A epoxy hybrid resin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 819-824.	3.6	16
23	Production of Lower Olefins with Highly Dispersed Ru Catalysts Supported on Al-SBA-15 in Fischer-Tropsch Synthesis. <i>Topics in Catalysis</i> , 2014, 57, 437-444.	2.8	16
24	ZSM-5 seed-grafted SBA-15 as a high performance support for cobalt Fischer-Tropsch synthesis catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 4985-4990.	4.1	16
25	Preparation of Epoxy Resins with Excellent Comprehensive Performance by Thiol-Epoxy Click Reaction. <i>Progress in Organic Coatings</i> , 2020, 139, 105436.	3.9	16
26	Catalytic performance of Co/Zn-Al ₂ O ₃ Fischer-Tropsch catalysts: a comparative study of zinc introduction methodologies. <i>RSC Advances</i> , 2015, 5, 60534-60540.	3.6	15
27	Synthesis of epoxy-ended hyperbranched polyesters with reinforcing and toughening function for diglycidyl ether of bisphenol-A. <i>Polymer Composites</i> , 2018, 39, E2046.	4.6	15
28	Preparation of nanocomposites with epoxy resins and thiol-functionalized carbon nanotubes by thiol-ene click reaction. <i>Polymer Testing</i> , 2019, 77, 105912.	4.8	14
29	Synthesis of renewable and self-curable thermosetting hyperbranched polymers by a click reaction. <i>Progress in Organic Coatings</i> , 2019, 134, 189-196.	3.9	14
30	The precise effect of degree of branching of epoxy-ended hyperbranched polymers on intrinsic property and performance. <i>Progress in Organic Coatings</i> , 2019, 127, 157-167.	3.9	14
31	Flexible Supercapacitors Fabricated by Growing Porous NiCo ₂ O ₄ In Situ on a Carbon Nanotube Film Using a Hyperbranched Polymer Template. <i>ACS Applied Energy Materials</i> , 2020, 3, 4043-4050.	5.1	14
32	Load transfer of thiol-ended hyperbranched polymers to improve simultaneously strength and elongation of CNTs/epoxy nanocomposites. <i>European Polymer Journal</i> , 2019, 120, 109254.	5.4	13
33	Hybrid Self-Assembly, Crystal, and Fractal Behavior of a Carboxy-Ended Hyperbranched Polyester/Copper Complex. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 370-377.	2.2	11
34	Effect of TiO ₂ Surface Engineering on the Performance of Cobalt-Based Catalysts for Fischer-Tropsch Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 1095-1104.	3.7	10
35	Preparation of epoxy-ended hyperbranched polymers with precisely controllable degree of branching by thiol-ene Michael addition. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	8
36	Amino-ended hyperbranched polyamide as template for tuning the morphology of self-assembled ZnS particles. <i>Materials Chemistry and Physics</i> , 2016, 184, 162-171.	4.0	8

#	ARTICLE	IF	CITATIONS
37	High Mechanical Strength of Shape-Memory Hyperbranched Epoxy Resins. ACS Applied Polymer Materials, 2022, 4, 5574-5582.	4.4	8
38	The Effect of Hyperbranched Polyester Epoxy Resin on the Curing Kinetics and Thermal Degradation Kinetics of the Diglycidyl Ether of Bisphenol-A Epoxy Resin. Polymer-Plastics Technology and Engineering, 2010, 49, 1182-1187.	1.9	7
39	Preparation of SBA-15 with penetrating pores and their performance in Fischer-Tropsch synthesis. New Journal of Chemistry, 2017, 41, 14109-14115.	2.8	7
40	Synthesis of Recyclable Hyperbranched Polymers with High Efficiency of Promoting Degradation of Epoxy Resins. ChemistrySelect, 2018, 3, 4873-4883.	1.5	7
41	Preparation of Highly Dispersed Nb ₂ O ₅ Supported Cobalt-Based Catalysts for the Fischer-Tropsch Synthesis. Industrial & Engineering Chemistry Research, 2020, 59, 17315-17327.	3.7	7
42	Hyperbranched polymers containing epoxy and imide structure. Progress in Organic Coatings, 2021, 151, 106031.	3.9	7
43	A novel method for preparation of epoxy resins using thiol-ene click reaction. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
44	2D Self-Assembly of an Amido-Ended Hydrophilic Hyperbranched Polyester by Copper Ion Induction. Macromolecular Chemistry and Physics, 2013, 214, 1724-1733.	2.2	5
45	2D Self-assembly of an amido-ended hyperbranched polyester induced by platinum ion coordination effect. RSC Advances, 2013, 3, 17073.	3.6	4
46	Influence of the molecular weights of amino-ended hyperbranched polyamide template on the morphology of self-assembled ZnS nanoparticles. Macromolecular Research, 2016, 24, 892-899.	2.4	4
47	Effects of the carboxyl-ended hyperbranched polyester/platinum complex molecular weight on hydrosilylation activity and self-assembled morphology. Journal of Applied Polymer Science, 2015, 132, .	2.6	2
48	Amino-Ended Hyperbranched Polyamide Modified SBA-15 as Support for Highly Efficient Cobalt Fischer-Tropsch Synthesis Catalyst. Macromolecular Research, 2020, 28, 228-233.	2.4	2
49	Co ₃ O ₄ Nanowire Arrays Grown on Carbon Nanotube-Based Films for Fischer-Tropsch Synthesis. ACS Applied Nano Materials, 2021, 4, 7811-7819.	5.0	2
50	Preparation of mesoporous aluminosilicates with tunable morphologies and their effects on Fischer-Tropsch synthesis performance. Journal of Porous Materials, 2020, 27, 217-223.	2.6	1