

Haesook Han

List of Publications by Year in descending order

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59
papers

1,060
citations

394390

19
h-index

477281

29
g-index

59
all docs

59
docs citations

59
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Wholly aromatic liquid-crystalline polyesters. <i>Progress in Polymer Science</i> , 1997, 22, 1431-1502.	24.7	104
2	Ambient temperature thermotropic liquid crystalline viologen bis(triflimide) salts. <i>Liquid Crystals</i> , 2003, 30, 1433-1440.	2.2	58
3	Room-Temperature Thermotropic Ionic Liquid Crystals: Viologen Bis(Triflimide) Salts. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 419, 27-46.	0.9	48
4	Synthesis and characterization of poly(pyridinium salt)s with oxyalkylene units exhibiting amphotropic liquid-crystalline and photoluminescence properties. <i>Polymer</i> , 2008, 49, 1748-1760.	3.8	38
5	Fully aromatic liquid-crystalline polyesters of phenyl-substituted 4,4'-biphenols and 1,1'-binaphthyl-4,4'-diol with either 2-bromoterephthalic acid or 2-phenylterephthalic acid. <i>Macromolecules</i> , 1993, 26, 5287-5294.	4.8	35
6	Synthesis and Characterization of Poly(pyridinium salt)s with Organic Counterion Exhibiting Both Lyotropic Liquid-Crystalline and Light-Emitting Properties. <i>Macromolecules</i> , 2001, 34, 7579-7581.	4.8	34
7	Main-chain viologen polymers with organic counterions exhibiting thermotropic liquid-crystalline and fluorescent properties. <i>Journal of Polymer Science Part A</i> , 2002, 40, 659-674.	2.3	34
8	Synthesis and Characterization of Poly(pyridinium salt)s with Organic Counterions Exhibiting Both Thermotropic Liquid-Crystalline and Light-Emitting Properties. <i>Macromolecules</i> , 2004, 37, 2688-2694.	4.8	34
9	Synthesis and characterization of poly(pyridinium salt)s with organic counterion exhibiting both lyotropic liquid-crystalline and light-emitting properties. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2710-2715.	2.3	31
10	Lyotropic Liquid Crystalline Main-Chain Viologen Polymers: Homopolymer of 4,4'-Bipyridyl with the Ditosylate of trans-1,4-Cyclohexanedimethanol and Its Copolymers with the Ditosylate of 1,8-Octanediol. <i>Macromolecules</i> , 1998, 31, 621-630.	4.8	28
11	Synthesis and characterization of poly(pyridinium salt)s with organic counterions exhibiting both thermotropic liquid-crystalline and light-emitting properties. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1028-1041.	2.3	27
12	Synthesis and characterization of poly(pyridinium salt)s with organic counterion exhibiting both lyotropic liquid-crystalline and light-emitting properties. <i>Polymer</i> , 2002, 43, 1953-1958.	3.8	26
13	Photoactive amorphous molecular materials based on quinoline amines and their synthesis by FriedlÄnder condensation reaction. <i>Tetrahedron</i> , 2010, 66, 9319-9326.	1.9	24
14	Synthesis and characterization of poly(pyridinium salt)s with anthracene moieties exhibiting both lyotropic liquid-crystalline and UV light-emitting properties. <i>Polymer</i> , 2006, 47, 8281-8288.	3.8	23
15	Synthesis and characterisation of thermotropic liquid-crystalline properties of azomethine dimers. <i>Liquid Crystals</i> , 2009, 36, 1389-1399.	2.2	23
16	Ionic liquid crystals: Synthesis and characterization via NMR, DSC, POM, X-ray diffraction and ionic conductivity of asymmetric viologen bistriflimide salts. <i>Journal of Molecular Liquids</i> , 2021, 328, 115370.	4.9	22
17	Fully aromatic thermotropic liquid crystalline polyesters of 3,4-dihydroxybenzophenone. <i>Journal of Polymer Science Part A</i> , 1994, 32, 343-354.	2.3	21
18	Lyotropic liquid crystalline main-chain viologen polymers. <i>Journal of Polymer Science Part A</i> , 1995, 33, 1745-1749.	2.3	21

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19	Solution, thermal and optical properties of new poly(pyridinium salt)s derived from bisquinoline diamines. <i>Polymer Chemistry</i> , 2010, 1, 908.	3.9	21
20	Solution, thermal and optical properties of bis(pyridinium salt)s as ionic liquids. <i>Materials Chemistry and Physics</i> , 2013, 139, 901-910.	4.0	20
21	Thermotropic liquid crystalline main-chain viologen polymers. <i>Journal of Polymer Science Part A</i> , 1995, 33, 1927-1933.	2.3	18
22	Thermotropic liquid-crystalline polyesters of 4,4'-biphenol and phenyl-substituted 4,4'-biphenols with 4,4'-oxybisbenzoic acid. <i>Journal of Polymer Science Part A</i> , 2002, 40, 141-155.	2.3	17
23	Main-chain, thermotropic, liquid-crystalline, hydrogen-bonded polymers of 4,4'-bipyridyl with aliphatic dicarboxylic acids. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1282-1295.	2.3	17
24	Thermotropic liquid crystalline main-chain viologen polymers: Homopolymer-of 4,4'-bipyridyl with ditosylate of trans-1,4-cyclohexanedimethanol and its copolymers with ditosylate of 1,8-octanediol. <i>Journal of Polymer Science Part A</i> , 1994, 32, 3205-3209.	2.3	16
25	Synthesis and characterization of ionic liquids: viologen bis{tetrakis[3,5-bis(trifluoromethyl)phenyl]borate} salts. <i>Liquid Crystals</i> , 2006, 33, 891-906.	2.2	16
26	Thermotropic liquid-crystalline properties of extended viologen bis(triflimide) salts. <i>Liquid Crystals</i> , 2018, 45, 872-885.	2.2	16
27	Main-chain ionene polymers based on trans-1,2-bis(4-pyridyl)ethylene exhibiting both thermotropic liquid-crystalline and light-emitting properties. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1541-1554.	2.3	15
28	Solution, thermal, and optical properties of poly(pyridinium salt)s derived from an ambipolar diamine consisting of diphenylquinoline and triphenyl amine moieties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4611-4620.	2.3	15
29	Dispersion of single-walled carbon nanotubes with poly(pyridinium salt)s. <i>Polymer Chemistry</i> , 2011, 2, 1953.	3.9	15
30	Synthesis and characterization of poly(pyridinium salt)s derived from various aromatic diamines. <i>Polymer</i> , 2012, 53, 1063-1071.	3.8	15
31	Poly(pyridinium salt)s with organic counterions derived from an aromatic diamine containing oxyethylene unit exhibiting amphotropic liquid-crystalline and photoluminescence properties. <i>Polymer</i> , 2009, 50, 3128-3135.	3.8	14
32	Design and synthesis of photoactive ionic amorphous molecular materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 12717.	6.7	13
33	Crystalline and Liquid Crystalline Polyesters of Phenyl-Substituted 4,4'-Biphenols and 1,1'-Binaphthyl-4,4'-diol. 3. Copolymers with 6-Hydroxy-2-naphthoic Acid. <i>Macromolecules</i> , 1996, 29, 1910-1917.	4.8	12
34	Fully aromatic thermotropic liquid crystalline homopolyesters of 3,4'-benzophenone dicarboxylic acid. <i>Journal of Polymer Science Part A</i> , 1994, 32, 333-342.	2.3	11
35	Solution, thermal and optical properties of new poly(pyridinium salt)s derived from conjugated quinoline diamines. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1907-1918.	2.3	11
36	Synthesis and characterization of luminescent tricationic salts of mesitylene and stilbazolium moieties. <i>Journal of Molecular Structure</i> , 2012, 1019, 174-182.	3.6	11

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37	Soluble viologen polymers as carbohydrate oxidation catalysts for alkaline carbohydrate fuel cells. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 416-421.	3.8	11
38	Thermotropic Liquid-Crystalline and Light-Emitting Properties of Bis(4-alkoxyphenyl) Viologen Bis(triflimide) Salts. <i>Molecules</i> , 2020, 25, 2435.	3.8	11
39	Wholly aromatic thermotropic liquid crystalline polyesters of 3,3'-bis(phenyl)-4,4'-biphenol with 4,4'-benzophenone dicarboxylic acid. <i>Journal of Polymer Science Part A</i> , 1997, 35, 769-785.	2.3	10
40	Solution, thermal and optical properties of novel poly(pyridinium salt)s derived from conjugated pyridine diamines. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4408-4418.	2.3	10
41	Thermotropic Liquid-Crystalline Properties of Viologens Containing 4-n-alkylbenzenesulfonates. <i>Crystals</i> , 2019, 9, 77.	2.2	10
42	Wholly aromatic thermotropic liquid crystalline polyesters of 4,4'-biphenol, substituted biphenols, and 1,1'-binaphthyl-4,4'-diol with 3,4'-benzophenone dicarboxylic acid. <i>Journal of Polymer Science Part A</i> , 1995, 33, 211-225.		9
43	Main-chain viologen polymers with triflimide counterion exhibiting lyotropic liquid-crystalline properties in polar organic solvents. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2015-2024.	2.3	9
44	Phosphine Oxide Containing Poly(pyridinium salt)s as Fire Retardant Materials. <i>Polymers</i> , 2019, 11, 1141.	4.5	9
45	Main chain, thermotropic, liquid crystalline, hydrogen-bonded polymers of 4,4'-bipyridyl with 4,4'-dicarboxy-1,4-diphenoxyalkanes. <i>Liquid Crystals</i> , 2007, 34, 841-854.	2.2	8
46	Crystalline and Liquid Crystalline Polyesters of Phenyl-Substituted 4,4'-Biphenols. 5. Copolymers with 4,4'-Oxybis(benzoic acid). <i>Macromolecules</i> , 1996, 29, 3778-3786.	4.8	7
47	Poly(pyridinium salt)s with organic counterions derived from an aromatic diamine containing tetraoxyethylene units exhibiting amphotropic liquid-crystalline and photoluminescence properties. <i>Journal of Applied Polymer Science</i> , 2010, 116, 1197-1206.	2.6	7
48	Dispersion of Single-Walled Carbon Nanotubes with Poly(Pyridinium Salt)s Containing Various Rigid Aromatic Moieties. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1378-1384.	2.2	6
49	Synthesis, thermal and lyotropic liquid crystalline properties of protic ionic salts. <i>Liquid Crystals</i> , 2008, 35, 757-764.	2.2	5
50	Isothermal titration calorimetry, transmission electron microscopy, and field emission scanning electron microscopy of a main-chain viologen polymer containing bromide as counterions. <i>Polymer</i> , 2009, 50, 2393-2401.	3.8	5
51	Synthesis, Thermal, and Light-Emitting Properties of Anthracene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 501, 125-137.	0.9	5
52	Photoactive amorphous molecular materials based on bisquinoline diamines and their synthesis by FriedlÄnder condensation reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 283, 45-55.	3.9	5
53	Thermotropic liquid-crystalline properties of 4,4'-dialkoxy-3,3'-diaminobiphenyl compounds and their precursors. <i>Liquid Crystals</i> , 2016, 43, 1560-1577.	2.2	5
54	Poly(Pyridinium Salt)s Containing 2,7-Diamino-9,9'-Dioctylfluorene Moieties with Various Organic Counterions Exhibiting Both Lyotropic Liquid-Crystalline and Light-Emitting Properties. <i>Molecules</i> , 2021, 26, 1560.	3.8	5

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55	Dicationic stilbazolium salts: Structural, thermal, optical, and ionic conduction properties. <i>Journal of Molecular Liquids</i> , 2021, 341, 117311.	4.9	5
56	Fully aromatic thermotropic liquid crystalline polyesters of 3-phenyl-4,4'-biphenol with 4,4'-benzophenone dicarboxylic acid. <i>Journal of Polymer Science Part A</i> , 1995, 33, 415-426.	2.3	4
57	Thermotropic Liquid-Crystalline and Light-Emitting Properties of Poly(pyridinium) Salts Containing Various Diamine Connectors and Hydrophilic Macrocounterions. <i>Polymers</i> , 2019, 11, 851.	4.5	4
58	Thermotropic mesomorphism in catanionic surfactants synthesized from quaternary ammonium surfactants and sodium dodecylbenzenesulfonate: Effect of chain length and symmetry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 461, 40-49.	4.7	3
59	Poly(pyridinium salt)s with organic counterions derived from 3,3'-dimethylnaphthidine: thermal, liquid crystalline, and optical properties. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	3