

Ni Yan

List of Publications by Year in descending order

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33
papers

1,275
citations

430442

18
h-index

433756

31
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all docs

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docs citations

33
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrene-Containing Conjugated Polymer-Based Fluorescent Films for Highly Sensitive and Selective Sensing of TNT in Aqueous Medium. <i>Macromolecules</i> , 2011, 44, 4759-4766.	2.2	173
2	How Do Liquid Mixtures Solubilize Insoluble Gelators? Self-Assembly Properties of Pyrenyl-Linker-Glucono Gelators in Tetrahydrofuran/Water Mixtures. <i>Journal of the American Chemical Society</i> , 2013, 135, 8989-8999.	6.6	149
3	9,10-Azaboraphenanthrene-containing small molecules and conjugated polymers: synthesis and their application in chemodosimeters for the ratiometric detection of fluoride ions. <i>Chemical Science</i> , 2018, 9, 4444-4450.	3.7	119
4	Pyrenyl-Linker-Glucono Gelators. Correlations of Gel Properties with Gelator Structures and Characterization of Solvent Effects. <i>Langmuir</i> , 2013, 29, 793-805.	1.6	105
5	Glucose-Based Fluorescent Low-Molecular Mass Compounds: Creation of Simple and Versatile Supramolecular Gelators. <i>Langmuir</i> , 2010, 26, 5909-5917.	1.6	96
6	Simple design but marvelous performances: molecular gels of superior strength and self-healing properties. <i>Soft Matter</i> , 2013, 9, 1091-1099.	1.2	91
7	Ultrasensitive and selective sensing of heavy metal ions with modified graphene. <i>Chemical Communications</i> , 2013, 49, 6492.	2.2	76
8	Water-in-oil gel emulsions from a cholesterol derivative: Structure and unusual properties. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 780-785.	5.0	51
9	Mechano-responsive calix[4]arene-based molecular gels: agitation induced gelation and hardening. <i>Soft Matter</i> , 2013, 9, 5807.	1.2	42
10	Dibora[10]annulenes: Construction, Properties, and Their Ring-Opening Reactions. <i>Organic Letters</i> , 2019, 21, 109-113.	2.4	35
11	Column versus batch methods for measuring PFOS and PFOA sorption to geomeedia. <i>Environmental Pollution</i> , 2021, 268, 115917.	3.7	35
12	Transport of GenX in Saturated and Unsaturated Porous Media. <i>Environmental Science & Technology</i> , 2020, 54, 11876-11885.	4.6	33
13	Preparation and gelling properties of sugar-contained low-molecular-mass gelators: Combination of cholesterol and linear glucose. <i>Tetrahedron</i> , 2010, 66, 2961-2968.	1.0	32
14	A New Strategy for Designing Conjugated Polymer-Based Fluorescence Sensing Films via Introduction of Conformation Controllable Side Chains. <i>Macromolecules</i> , 2011, 44, 703-710.	2.2	30
15	Supramolecular gels based on organic diacid monoamides of cholesteryl glycinate. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 233-242.	5.0	23
16	A Quinolien-Containing Conjugated Polymer-Based Sensing Platform for Amino Acids. <i>Macromolecules</i> , 2011, 44, 7096-7099.	2.2	20
17	Impact of a Hydrocarbon Surfactant on the Retention and Transport of Perfluorooctanoic Acid in Saturated and Unsaturated Porous Media. <i>Environmental Science & Technology</i> , 2021, 55, 10480-10490.	4.6	20
18	Pyrenoviologen-based fluorescent sensor for detection of picric acid in aqueous solution. <i>Chinese Chemical Letters</i> , 2019, 30, 1984-1988.	4.8	19

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19	AI-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4128-4137.	3.2	18
20	Facile synthesis of fluorinated poly(arylene ether nitrile) and its dielectric properties. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46837.	1.3	16
21	Low-concentration tracer tests to measure air-water interfacial area in porous media. <i>Chemosphere</i> , 2020, 250, 126305.	4.2	16
22	Measurement and characterization of bending stiffness for fabrics. <i>Fibers and Polymers</i> , 2011, 12, 104-110.	1.1	15
23	Novel dithienoazaborine viologen derivatives with two different π -conjugated extensions for electrochromic application. <i>Dyes and Pigments</i> , 2021, 196, 109814.	2.0	12
24	Star-shaped thienoviologens for electrochromism and detection of picric acid in aqueous medium. <i>Dyes and Pigments</i> , 2020, 178, 108338.	2.0	10
25	Dithienoazaborine derivatives with selective π -conjugated extension via late-stage functionalization. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4053-4061.	2.7	10
26	Efficient Photoinduced Electron Transfer from Pyrene-Carborane Heterojunction to Selenoviologen for Enhanced Photocatalytic Hydrogen Evolution and Reduction of Alkynes. <i>Advanced Science</i> , 2022, 9, 2101652.	5.6	8
27	Biphenyl Diimide Based Novel Blue Emitters with Aggregation-Induced Blue-Shifted Emission Characteristics. <i>ChemPhotoChem</i> , 2020, 4, 59-67.	1.5	7
28	A novel π -conjugated poly(biphenyl diimide) with full utilization of carbonyls as a highly stable organic electrode for Li-ion batteries. <i>RSC Advances</i> , 2020, 10, 31049-31055.	1.7	7
29	Synthesis and gelation behaviors of five new dimeric cholesteryl derivatives. <i>Science China Chemistry</i> , 2011, 54, 475-482.	4.2	3
30	Preparation of dicholesteryl-derivatives: The effect of spatial configuration upon gelation. <i>Science Bulletin</i> , 2012, 57, 4310-4321.	1.7	3
31	An improved method of recharge sources analysis and its application in an unconfined aquifer. <i>Journal of Environmental Management</i> , 2021, 290, 112582.	3.8	1
32	Novel polythiophene derivative for dual-channel cell imaging. <i>RSC Advances</i> , 2019, 9, 17335-17340.	1.7	0
33	Sucralose as an oxidative-attenuation tracer for characterizing the application of <i>in situ</i> chemical oxidation for the treatment of 1,4-dioxane. <i>Environmental Sciences: Processes and Impacts</i> , 0, , .	1.7	0