

# Ni Yan

## List of Publications by Citations

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32  
papers

1,061  
citations

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h-index

32  
g-index

33  
ext. papers

1,165  
ext. citations

6.4  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
32	Pyrene-Containing Conjugated Polymer-Based Fluorescent Films for Highly Sensitive and Selective Sensing of TNT in Aqueous Medium. <i>Macromolecules</i> , <b>2011</b> , 44, 4759-4766	5.5	160
31	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> , <b>2013</b> , 135, 8989-99	16.4	135
30	Pyrenyl-linker-glucono gelators. Correlations of gel properties with gelator structures and characterization of solvent effects. <i>Langmuir</i> , <b>2013</b> , 29, 793-805	4	98
29	Glucose-based fluorescent low-molecular mass compounds: creation of simple and versatile supramolecular gelators. <i>Langmuir</i> , <b>2010</b> , 26, 5909-17	4	95
28	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> , <b>2018</b> , 9, 4444-4450	9.4	87
27	Simple design but marvelous performances: molecular gels of superior strength and self-healing properties. <i>Soft Matter</i> , <b>2013</b> , 9, 1091-1099	3.6	85
26	Ultrasensitive and selective sensing of heavy metal ions with modified graphene. <i>Chemical Communications</i> , <b>2013</b> , 49, 6492-4	5.8	71
25	Water-in-oil gel emulsions from a cholesterol derivative: structure and unusual properties. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 336, 780-5	9.3	42
24	Mechano-responsive calix[4]arene-based molecular gels: agitation induced gelation and hardening. <i>Soft Matter</i> , <b>2013</b> , 9, 5807	3.6	40
23	Preparation and gelling properties of sugar-contained low-molecular-mass gelators: Combination of cholesterol and linear glucose. <i>Tetrahedron</i> , <b>2010</b> , 66, 2961-2968	2.4	30
22	A New Strategy for Designing Conjugated Polymer-Based Fluorescence Sensing Films via Introduction of Conformation Controllable Side Chains. <i>Macromolecules</i> , <b>2011</b> , 44, 703-710	5.5	29
21	Dibora[10]annulenes: Construction, Properties, and Their Ring-Opening Reactions. <i>Organic Letters</i> , <b>2019</b> , 21, 109-113	6.2	26
20	Supramolecular gels based on organic diacid monoamides of cholesteryl glycinate. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 327, 233-42	9.3	22
19	Transport of GenX in Saturated and Unsaturated Porous Media. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11876-11885	10.3	20
18	A Quinoliene-Containing Conjugated Polymer-Based Sensing Platform for Amino Acids. <i>Macromolecules</i> , <b>2011</b> , 44, 7096-7099	5.5	18
17	Column versus batch methods for measuring PFOS and PFOA sorption to geomedia. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115917	9.3	18
16	Measurement and characterization of bending stiffness for fabrics. <i>Fibers and Polymers</i> , <b>2011</b> , 12, 104-110		14

15	Facile synthesis of fluorinated poly(arylene ether nitrile) and its dielectric properties. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46837	2.9	13
14	Pyrenoviologen-based fluorescent sensor for detection of picric acid in aqueous solution. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1984-1988	8.1	11
13	Low-concentration tracer tests to measure air-water interfacial area in porous media. <i>Chemosphere</i> , <b>2020</b> , 250, 126305	8.4	9
12	Star-shaped thienoviologens for electrochromism and detection of picric acid in aqueous medium. <i>Dyes and Pigments</i> , <b>2020</b> , 178, 108338	4.6	8
11	A novel $\pi$ -conjugated poly(biphenyl diimide) with full utilization of carbonyls as a highly stable organic electrode for Li-ion batteries.. <i>RSC Advances</i> , <b>2020</b> , 10, 31049-31055	3.7	6
10	Impact of a Hydrocarbon Surfactant on the Retention and Transport of Perfluorooctanoic Acid in Saturated and Unsaturated Porous Media. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 10480-10490	10.3	6
9	Biphenyl Diimide Based Novel Blue Emitters with Aggregation-Induced Blue-Shifted Emission Characteristics. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 59-67	3.3	4
8	Preparation of dicholesteryl-derivatives: The effect of spatial configuration upon gelation. <i>Science Bulletin</i> , <b>2012</b> , 57, 4310-4321		3
7	Synthesis and gelation behaviors of five new dimeric cholesteryl derivatives. <i>Science China Chemistry</i> , <b>2011</b> , 54, 475-482	7.9	3
6	Dithienoazaborine derivatives with selective $\pi$ -conjugated extension via late-stage functionalization. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 4053-4061	7.1	3
5	AIE-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 4128-4137	7.8	2
4	Efficient Photoinduced Electron Transfer from Pyrene-o-Carborane Heterojunction to Selenoviologen for Enhanced Photocatalytic Hydrogen Evolution and Reduction of Alkynes.. <i>Advanced Science</i> , <b>2021</b> , e2101652	13.6	2
3	Novel dithienoazaborine viologen derivatives with two different $\pi$ -conjugated extensions for electrochromic application. <i>Dyes and Pigments</i> , <b>2021</b> , 196, 109814	4.6	1
2	Novel polythiophene derivative for dual-channel cell imaging.. <i>RSC Advances</i> , <b>2019</b> , 9, 17335-17340	3.7	
1	An improved method of recharge sources analysis and its application in an unconfined aquifer. <i>Journal of Environmental Management</i> , <b>2021</b> , 290, 112582	7.9	