

# Winghong Chan

## List of Publications by Year in descending order

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13  
papers

991  
citations

840776  
11  
h-index

1199594  
12  
g-index

13  
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13  
docs citations

13  
times ranked

1486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper Ion-Selective Fluorescent Sensor Based on the Inner Filter Effect Using a Spiropyran Derivative. <i>Analytical Chemistry</i> , 2005, 77, 7294-7303.	6.5	376
2	Design of Bis-spiropyran Ligands as Dipolar Molecule Receptors and Application to in Vivo Glutathione Fluorescent Probes. <i>Journal of the American Chemical Society</i> , 2010, 132, 725-736.	13.7	249
3	Spiropyran-Based Fluorescent Anion Probe and Its Application for Urinary Pyrophosphate Detection. <i>Analytical Chemistry</i> , 2010, 82, 4628-4636.	6.5	129
4	Selective Tracking of Lysosomal Cu <sup>2+</sup> Ions Using Simultaneous Target- and Location-Activated Fluorescent Nanoprobes. <i>Analytical Chemistry</i> , 2015, 87, 584-591.	6.5	56
5	3,3',5,5'-Tetramethyl-N-(9-anthrylmethyl)benzidine: A Dual-Signaling Fluorescent Reagent for Optical Sensing of Aliphatic Aldehydes. <i>Analytical Chemistry</i> , 2003, 75, 3908-3914.	6.5	32
6	A Quencher-Tether-Ligand Probe and Its Application in Biosensor Based on Conjugated Polymer. <i>Macromolecules</i> , 2008, 41, 5373-5378.	4.8	28
7	A ratiometric fluorescent and colorimetric probe for selective detection of hydrazine. <i>RSC Advances</i> , 2016, 6, 14678-14681.	3.6	28
8	Fluorescent ratioable recognition of Cu <sup>2+</sup> in water using a pyrene-attached macrocycle/ $\beta$ -cyclodextrin complex. <i>Analytica Chimica Acta</i> , 2004, 525, 97-103.	5.4	27
9	Spiropyran-based optical approaches for mercury ion sensing: Improving sensitivity and selectivity via cooperative ligation interactions using cysteine. <i>Analytica Chimica Acta</i> , 2009, 655, 1-7.	5.4	22
10	Chiral acetylenic sulfoxides in organic synthesis: Secondary amine cyclization and total synthesis of (S)-( $\alpha^*$ )-carnegine. <i>Tetrahedron Letters</i> , 1995, 36, 715-718.	1.4	21
11	Utilization of a spiropyran derivative in a polymeric film optode for selective fluorescent sensing of zinc ion. <i>Science in China Series B: Chemistry</i> , 2006, 49, 246-255.	0.8	12
12	Synthesis and characterization of poly(amide sulfonamide)s (PASAs). <i>Journal of Polymer Science Part A</i> , 1995, 33, 2525-2531.	2.3	10
13	Development and application of a fluorescent sensor for potassium ions based on a calix[6]arene ionophore and a novel cationic dye. <i>Supramolecular Chemistry</i> , 2009, 21, 747-753.	1.2	1