

Wang Xu

List of Publications by Year in descending order

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27
papers

3,023
citations

304368

22
h-index

525886

27
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27
all docs

27
docs citations

27
times ranked

4122
citing authors

#	ARTICLE	IF	CITATIONS
1	Discerning the Chemistry in Individual Organelles with Small-Molecule Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13658-13699.	7.2	634
2	A General Method To Increase Stokes Shift by Introducing Alternating Vibronic Structures. <i>Journal of the American Chemical Society</i> , 2018, 140, 7716-7722.	6.6	290
3	Fluorescent nucleobases as tools for studying DNA and RNA. <i>Nature Chemistry</i> , 2017, 9, 1043-1055.	6.6	251
4	High-Efficiency in Vitro and in Vivo Detection of Zn ²⁺ by Dye-Assembled Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 2336-2342.	6.6	233
5	A mitochondria-targeted ratiometric fluorescent probe to monitor endogenously generated sulfur dioxide derivatives in living cells. <i>Biomaterials</i> , 2015, 56, 1-9.	5.7	228
6	The role of "disaggregation" in optical probe development. <i>Chemical Society Reviews</i> , 2014, 43, 2402.	18.7	164
7	A Multisite-Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1773-1776.	7.2	158
8	Investigation of Drug-Induced Hepatotoxicity and Its Remediation Pathway with Reaction-Based Fluorescent Probes. <i>Analytical Chemistry</i> , 2017, 89, 7693-7700.	3.2	152
9	Design Strategy of Fluorescent Probes for Live Drug-Induced Acute Liver Injury Imaging. <i>Accounts of Chemical Research</i> , 2021, 54, 403-415.	7.6	120
10	An Artificial Tongue Fluorescent Sensor Array for Identification and Quantitation of Various Heavy Metal Ions. <i>Analytical Chemistry</i> , 2014, 86, 8763-8769.	3.2	91
11	Enhancing the Anti-Solvatochromic Two-Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogen-Bond Network. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7473-7477.	7.2	85
12	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. <i>Advanced Functional Materials</i> , 2016, 26, 191-199.	7.8	79
13	Silica Nanoparticle-Enhanced Fluorescent Sensor Array for Heavy Metal Ions Detection in Colloid Solution. <i>Analytical Chemistry</i> , 2018, 90, 1628-1634.	3.2	72
14	A general strategy for development of a single benzene fluorophore with full-color-tunable, environmentally insensitive, and two-photon solid-state emission. <i>Chemical Communications</i> , 2019, 55, 11462-11465.	2.2	64
15	Wahrnehmung der chemischen Prozesse in einzelnen Organellen mit niedermolekularen Fluoreszenzsonden. <i>Angewandte Chemie</i> , 2016, 128, 13858-13902.	1.6	53
16	Rational Engineering of Bioinspired Anthocyanidin Fluorophores with Excellent Two-Photon Properties for Sensing and Imaging. <i>Analytical Chemistry</i> , 2017, 89, 11427-11434.	3.2	52
17	Real-time PCR method combined with immunomagnetic separation for detecting healthy and heat-injured <i>Salmonella Typhimurium</i> on raw duck wings. <i>International Journal of Food Microbiology</i> , 2014, 186, 6-13.	2.1	47
18	Make Caffeine Visible: a Fluorescent Caffeine "Traffic Light" Detector. <i>Scientific Reports</i> , 2013, 3, 2255.	1.6	43

#	ARTICLE	IF	CITATIONS
19	Discovery of a Structural-Element Specific G-Quadruplex "Light-Up" Probe. <i>Scientific Reports</i> , 2014, 4, 3776.	1.6	41
20	A Multisite-Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie</i> , 2016, 128, 1805-1808.	1.6	38
21	Development of a fluorescent sensor for an illicit date rape drug "GBL". <i>Chemical Communications</i> , 2013, 49, 6170.	2.2	34
22	Luminescent Carbon Dot Mimics Assembled on DNA. <i>Journal of the American Chemical Society</i> , 2017, 139, 13147-13155.	6.6	33
23	"Orange alert" A fluorescent detector for bisphenol A in water environments. <i>Analytica Chimica Acta</i> , 2014, 815, 51-56.	2.6	18
24	Milk quality control: instant and quantitative milk fat determination with a BODIPY sensor-based fluorescence detector. <i>Chemical Communications</i> , 2014, 50, 10398-10401.	2.2	17
25	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. <i>Biomaterials Science</i> , 2019, 7, 3594-3598.	2.6	13
26	Enhancing the Anti-Solvatochromic Two-Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogen-Bond Network. <i>Angewandte Chemie</i> , 2018, 130, 7595-7599.	1.6	10
27	Sensors: Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection (<i>Adv. Funct. Mater.</i> 2/2016). <i>Advanced Functional Materials</i> , 2016, 26, 311-311.	7.8	3