Wang Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10551800/publications.pdf

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27	3,023	304368 22	525886 27
papers	citations	h-index	g-index

27	27	27	4122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design Strategy of Fluorescent Probes for Live Drug-Induced Acute Liver Injury Imaging. Accounts of Chemical Research, 2021, 54, 403-415.	7.6	120
2	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. Biomaterials Science, 2019, 7, 3594-3598.	2.6	13
3	A general strategy for development of a single benzene fluorophore with full-color-tunable, environmentally insensitive, and two-photon solid-state emission. Chemical Communications, 2019, 55, 11462-11465.	2.2	64
4	Enhancing the Antiâ€Solvatochromic Twoâ€Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogenâ€Bond Network. Angewandte Chemie - International Edition, 2018, 57, 7473-7477.	7.2	85
5	Silica Nanoparticle-Enhanced Fluorescent Sensor Array for Heavy Metal Ions Detection in Colloid Solution. Analytical Chemistry, 2018, 90, 1628-1634.	3.2	72
6	Enhancing the Antiâ€Solvatochromic Twoâ€Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogenâ€Bond Network. Angewandte Chemie, 2018, 130, 7595-7599.	1.6	10
7	A General Method To Increase Stokes Shift by Introducing Alternating Vibronic Structures. Journal of the American Chemical Society, 2018, 140, 7716-7722.	6.6	290
8	Investigation of Drug-Induced Hepatotoxicity and Its Remediation Pathway with Reaction-Based Fluorescent Probes. Analytical Chemistry, 2017, 89, 7693-7700.	3.2	152
9	Rational Engineering of Bioinspired Anthocyanidin Fluorophores with Excellent Two-Photon Properties for Sensing and Imaging. Analytical Chemistry, 2017, 89, 11427-11434.	3.2	52
10	Fluorescent nucleobases as tools for studying DNA and RNA. Nature Chemistry, 2017, 9, 1043-1055.	6.6	251
11	Luminescent Carbon Dot Mimics Assembled on DNA. Journal of the American Chemical Society, 2017, 139, 13147-13155.	6.6	33
12	Sensors: Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection (Adv. Funct. Mater. 2/2016). Advanced Functional Materials, 2016, 26, 311-311.	7.8	3
13	A Multisiteâ€Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. Angewandte Chemie, 2016, 128, 1805-1808.	1.6	38
14	Discerning the Chemistry in Individual Organelles with Smallâ€Molecule Fluorescent Probes. Angewandte Chemie - International Edition, 2016, 55, 13658-13699.	7.2	634
15	Wahrnehmung der chemischen Prozesse in einzelnen Organellen mit niedermolekularen Fluoreszenzsonden. Angewandte Chemie, 2016, 128, 13858-13902.	1.6	53
16	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. Advanced Functional Materials, 2016, 26, 191-199.	7.8	79
17	A Multisiteâ€Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. Angewandte Chemie - International Edition, 2016, 55, 1773-1776.	7.2	158
18	High-Efficiency in Vitro and in Vivo Detection of Zn²⁺ by Dye-Assembled Upconversion Nanoparticles. Journal of the American Chemical Society, 2015, 137, 2336-2342.	6.6	233

#	Article	IF	Citations
19	A mitochondria-targeted ratiometric fluorescent probe to monitor endogenously generated sulfur dioxide derivatives in living cells. Biomaterials, 2015, 56, 1-9.	5.7	228
20	â€œOrange alertâ€• A fluorescent detector for bisphenol A in water environments. Analytica Chimica Acta, 2014, 815, 51-56.	2.6	18
21	Milk quality control: instant and quantitative milk fat determination with a BODIPY sensor-based fluorescence detector. Chemical Communications, 2014, 50, 10398-10401.	2.2	17
22	Real-time PCR method combined with immunomagnetic separation for detecting healthy and heat-injured Salmonella Typhimurium on raw duck wings. International Journal of Food Microbiology, 2014, 186, 6-13.	2.1	47
23	The role of â€œdisaggregationâ€•in optical probe development. Chemical Society Reviews, 2014, 43, 2402.	18.7	164
24	An Artificial Tongue Fluorescent Sensor Array for Identification and Quantitation of Various Heavy Metal Ions. Analytical Chemistry, 2014, 86, 8763-8769.	3.2	91
25	Discovery of a Structural-Element Specific G-Quadruplex â€œLight-Upâ€•Probe. Scientific Reports, 2014, 4, 3776.	1.6	41
26	Make Caffeine Visible: a Fluorescent Caffeine â€œTraffic Lightâ€•Detector. Scientific Reports, 2013, 3, 2255.	1.6	43
27	Development of a fluorescent sensor for an illicit date rape drug â€“ GBL. Chemical Communications, 2013, 49, 6170.	2.2	34