

# Zhihui Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4235559/publications.pdf>

Version: 2024-02-01

16  
papers

199  
citations

1307594

7  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of an $\alpha$ -ion-imprinting $\beta$ -dual-emission quantum dot nanohybrid for selective fluorescence turn-on and ratiometric detection of cadmium ions. <i>Analyst, The</i> , 2016, 141, 5886-5892.	3.5	52
2	Porous carbon films decorated with silver nanoparticles as a sensitive SERS substrate, and their application to virus identification. <i>Mikrochimica Acta</i> , 2017, 184, 3505-3511.	5.0	27
3	Terahertz time-domain spectroscopy combined with PCA-CFSFDP applied for pesticide detection. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.	3.3	24
4	Aptamer and IR820 Dual $\alpha$ -Functionalized Carbon Dots for Targeted Cancer Therapy against Hypoxic Tumors Based on an 808 nm Laser $\beta$ -Triggered Three $\alpha$ -Pathway Strategy. <i>Advanced Therapeutics</i> , 2018, 1, 1800041.	3.2	24
5	Fortification of set yogurt with passion fruit juice: Effects on fermentation kinetics, physicochemical properties, and functionality. <i>Journal of Dairy Science</i> , 2021, 104, 4084-4093.	3.4	19
6	Cookies fortified with purple passion fruit epicarp flour: Impact on physical properties, nutrition, in vitro starch digestibility, and antioxidant activity. <i>Cereal Chemistry</i> , 2021, 98, 328-336.	2.2	13
7	Powerful antibacterial activity of graphene/nanoflower-like nickelous hydroxide nanocomposites. <i>Nanomedicine</i> , 2018, 13, 2901-2916.	3.3	11
8	Synthesis of MBA-Encoded Silver/Silica Core-Shell Nanoparticles as Novel SERS Tags for Biosensing Gibberellin A3 Based on Au@Fe <sub>3</sub> O <sub>4</sub> as Substrate. <i>Sensors</i> , 2019, 19, 5152.	3.8	6
9	Preparation of $\alpha$ -lon-Imprinting $\beta$ -Difunctional Magnetic Fluorescent Nanohybrid and Its Application to Detect Cadmium Ions. <i>Sensors</i> , 2020, 20, 995.	3.8	6
10	Effects of superheated steam processing on the physicochemical properties of sea rice bran. <i>Food Science and Technology International</i> , 2023, 29, 115-125.	2.2	6
11	Antibacterial activity and possible mechanisms of one-step synthetic laminated flower-like nickelous(II) hydroxide. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	3
12	Red Light-Emitting Diode Based on Blue InGaN Chip with CdTe x S(1 $\alpha$ $\beta$ ) Quantum Dots. <i>Nanoscale Research Letters</i> , 2017, 12, 59.	5.7	2
13	Dual-Targeting of Doxorubicin and Chlorine e6 Co-Delivery Based on Small-Size Nanocomposite for the Synergetic Imaging and Therapy. <i>Journal of Cluster Science</i> , 2022, 33, 1793-1807.	3.3	2
14	Analysis of Mn <sup>2+</sup> and Zn <sup>2+</sup> Ions in Macroalgae with Heteroelement-Doped Carbon-Based Fluorescent Probe. <i>Biosensors</i> , 2022, 12, 359.	4.7	2
15	Corn silk flour fortification as a dietary fiber supplement: evolution of the impact on paste, dough, and quality of dried noodles. <i>International Journal of Food Engineering</i> , 2022, 18, 479-487.	1.5	2
16	One-step synthesis of high-quality CdTe quantum dots using hydroxylamine hydrochloride to reduce sodium tellurite. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	0