

# Olga D Hendrickson

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

621  
citations

516710

16  
h-index

642732

23  
g-index

43  
all docs

43  
docs citations

43  
times ranked

711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive magnetic ELISA of zearalenone with pre-concentration and chemiluminescent detection. <i>Food Control</i> , 2018, 84, 330-338.	5.5	50
2	Analytical Application of Lectins. <i>Critical Reviews in Analytical Chemistry</i> , 2018, 48, 279-292.	3.5	48
3	Fluorescence Polarization-Based Bioassays: New Horizons. <i>Sensors</i> , 2020, 20, 7132.	3.8	43
4	Molecularly imprinted polymers as receptors for assays of antibiotics. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 291-310.	3.5	39
5	Toxicity of nanosilver in intragastric studies: Biodistribution and metabolic effects. <i>Toxicology Letters</i> , 2016, 241, 184-192.	0.8	38
6	Highly Sensitive Immunochromatographic Detection of Antibiotic Ciprofloxacin in Milk. <i>Applied Biochemistry and Microbiology</i> , 2018, 54, 670-676.	0.9	26
7	Development of a multicomponent immunochromatographic test system for the detection of fluoroquinolone and amphenicol antibiotics in dairy products. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3834-3842.	3.5	25
8	Lateral flow immunoassay for sensitive detection of undeclared chicken meat in meat products. <i>Food Chemistry</i> , 2021, 344, 128598.	8.2	24
9	Production of monoclonal antibodies against fullerene C <sub>60</sub> and development of a fullerene enzyme immunoassay. <i>Analyst, The</i> , 2012, 137, 98-105.	3.5	23
10	Development of a double immunochromatographic test system for simultaneous determination of lincomycin and tylosin antibiotics in foodstuffs. <i>Food Chemistry</i> , 2020, 318, 126510.	8.2	23
11	Sensitive lateral flow immunoassay of an antibiotic neomycin in foodstuffs. <i>Journal of Food Science and Technology</i> , 2021, 58, 292-301.	2.8	23
12	Methods of detection and identification of manufactured nanoparticles. <i>Biophysics (Russian)</i> Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 302 0.7 20	0.7	20
13	Study of Distribution and Biological Effects of Fullerene C <sub>60</sub> after Single and Multiple Intragastrical Administrations to Rats. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 658-668.	2.1	19
14	Lectin-based detection of Escherichia coli and Staphylococcus aureus by flow cytometry. <i>Archives of Microbiology</i> , 2019, 201, 313-324.	2.2	19
15	Sensitive lateral flow immunoassay for the detection of pork additives in raw and cooked meat products. <i>Food Chemistry</i> , 2021, 359, 129927.	8.2	19
16	Wheat germ agglutinin and Lens culinaris agglutinin sensitized anisotropic silver nanoparticles in detection of bacteria: A simple photometric assay. <i>Analytica Chimica Acta</i> , 2017, 981, 80-85.	5.4	19
17	Design of Multiplex Lateral Flow Tests: A Case Study for Simultaneous Detection of Three Antibiotics. <i>Biosensors</i> , 2020, 10, 17.	4.7	18
18	Immunochromatographic Detection of Myoglobin as a Specific Biomarker of Porcine Muscle Tissues in Meat Products. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7437.	2.5	17

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19	An immunochromatographic test system for the determination of lincomycin in foodstuffs of animal origin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1141, 122014.	2.3	16
20	Fullerenes: In vivo studies of biodistribution, toxicity, and biological action. <i>Nanotechnologies in Russia</i> , 2014, 9, 601-617.	0.7	14
21	Lateral Flow Immunoassay to Detect the Addition of Beef, Pork, Lamb, and Horse Muscles in Raw Meat Mixtures and Finished Meat Products. <i>Foods</i> , 2020, 9, 1662.	4.3	12
22	Production of anti-fullerene C60 polyclonal antibodies and study of their interaction with a conjugated form of fullerene. <i>Journal of Nanoparticle Research</i> , 2011, 13, 3713-3719.	1.9	11
23	Immunochromatographic tests for the detection of microcystin-LR toxin in water and fish samples. <i>Analytical Methods</i> , 2020, 12, 392-400.	2.7	11
24	Size-Dependent Differences in Biodistribution of Titanium Dioxide Nanoparticles After Sub-Acute Intra-gastric Administrations to Rats. <i>Current Nanoscience</i> , 2016, 12, 228-236.	1.2	11
25	Ultrasensitive lateral flow immunoassay of phycotoxin microcystin-LR in seafood based on magnetic particles and peroxidase signal amplification. <i>Food Control</i> , 2022, 133, 108655.	5.5	10
26	Experimental study and mathematical modeling of the interaction between antibodies and antigens on the surface of liposomes. <i>Molecular Immunology</i> , 2002, 39, 413-422.	2.2	9
27	A Comparative Study of Approaches to Improve the Sensitivity of Lateral Flow Immunoassay of the Antibiotic Lincomycin. <i>Biosensors</i> , 2020, 10, 198.	4.7	8
28	Immunochromatographic Test Systems for Detection of Microcystin-LR in Seafood. <i>Applied Biochemistry and Microbiology</i> , 2021, 57, 403-409.	0.9	5
29	Comparative Analysis of Models Describing Interactions between Antibodies and Liposomal Antigens. <i>Applied Biochemistry and Microbiology</i> , 2003, 39, 75-81.	0.9	4
30	Rapid detection of phycotoxin domoic acid in seawater and seafood based on the developed lateral flow immunoassay. <i>Analytical Methods</i> , 2022, 14, 2446-2452.	2.7	4
31	Competitive photometric enzyme immunoassay for fullerene C60 and its derivatives using a fullerene conjugated to horseradish peroxidase. <i>Mikrochimica Acta</i> , 2016, 183, 211-217.	5.0	3
32	Electron-Microscopic Investigation of the Distribution of Titanium Dioxide (rutile) Nanoparticles in the Rats's Small Intestine Mucosa, Liver, and Spleen. <i>Current Nanoscience</i> , 2020, 16, 268-279.	1.2	3
33	Development of microformat imaging microplate and membrane immunoenzyme assays of the herbicide atrazine. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 905-915.	3.3	2
34	Enzyme-linked lectinosorbent assay of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 107-113.	0.9	2
35	Double qualitative immunochromatographic test for simultaneous control of chicken muscles and eggs in food. <i>Journal of Food Composition and Analysis</i> , 2022, 106, 104324.	3.9	2
36	Silver-enhanced lateral flow immunoassay for detection of microcystin-LR in drinking water. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-10.	3.3	1

#	ARTICLE	IF	CITATIONS
37	Chromatographic determination of C70 fullerene in animal organs and tissues. Journal of Analytical Chemistry, 2015, 70, 1507-1511.	0.9	0
38	Comparison of nanosized markers in lateral flow immunoassay of antibiotic lincomycin. , 2020, , .		0
39	SENSITIVE LATERAL FLOW IMMUNOASSAY OF UNDECLARED CHICKEN INGREDIENT IN MEAT PRODUCTS. , 2020, , .		0
40	BIOLOGICAL EFFECTS OF METAL NANOPARTICLES AFTER EXPOSURE OF MAMMALIAN CELLS. , 2020, , .		0
41	THE USE OF GOLD NANOPARTICLEâ€™ANTIBODY CONJUGATES IN IMMUNE TEST FOR MICROCYSTIN-LR DETECTION. , 2020, , .		0
42	Development of Immunochromatographic Test System for Detection of Antibiotic Clinafloxacin and Its Application for Honey Control. Applied Biochemistry and Microbiology, 2021, 57, 778-785.	0.9	0