

List of Publications by Citations

Source: <https://exaly.com/author-pdf/805915/annie-ho-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83 papers	4,149 citations	30 h-index	64 g-index
84 ext. papers	4,461 ext. citations	7.2 avg, IF	5.57 L-index

#	Paper	IF	Citations
83	Au nanocube-directed fabrication of Au-Pd core-shell nanocrystals with tetrahedral, concave octahedral, and octahedral structures and their electrocatalytic activity. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14546-53	16.4	344
82	Antioxidant and antiproliferative activities of red pitaya. <i>Food Chemistry</i> , 2006 , 95, 319-327	8.5	290
81	DOPA-mediated reduction allows the facile synthesis of fluorescent gold nanoclusters for use as sensing probes for ferric ions. <i>Analytical Chemistry</i> , 2012 , 84, 3246-53	7.8	254
80	Biofunctionalized phospholipid-capped mesoporous silica nanoshuttles for targeted drug delivery: improved water suspensibility and decreased nonspecific protein binding. <i>ACS Nano</i> , 2010 , 4, 4371-9	16.7	197
79	Electrochemical immunosensor for cholera toxin using liposomes and poly(3,4-ethylenedioxythiophene)-coated carbon nanotubes. <i>Analytical Chemistry</i> , 2006 , 78, 1115-21	7.8	195
78	Gold Nanocluster-Assisted Fluorescent Detection for Hydrogen Peroxide and Cholesterol Based on the Inner Filter Effect of Gold Nanoparticles. <i>Analytical Chemistry</i> , 2015 , 87, 10362-7	7.8	172
77	Photocontrolled targeted drug delivery: photocaged biologically active folic acid as a light-responsive tumor-targeting molecule. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8806-10	16.4	172
76	Optical aptasensors for the analysis of the vascular endothelial growth factor (VEGF). <i>Analytical Chemistry</i> , 2012 , 84, 6192-8	7.8	161
75	Diagnostic detection of human lung cancer-associated antigen using a gold nanoparticle-based electrochemical immunosensor. <i>Analytical Chemistry</i> , 2010 , 82, 5944-50	7.8	155
74	Antioxidant and antiproliferative activities of Spirulina and Chlorella water extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 4207-12	5.7	145
73	Carbon nanoparticle-enhanced immunoelectrochemical detection for protein tumor marker with cadmium sulfide biotracers. <i>Analytical Chemistry</i> , 2009 , 81, 1340-6	7.8	131
72	Disposable electrochemical immunosensor for carcinoembryonic antigen using ferrocene liposomes and MWCNT screen-printed electrode. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 1984-9	11.8	129
71	Electrochemical immunosensor for multiplexed detection of food-borne pathogens using nanocrystal bioconjugates and MWCNT screen-printed electrode. <i>Talanta</i> , 2012 , 94, 315-9	6.2	119
70	Attomole DNA electrochemical sensor for the detection of Escherichia coli O157. <i>Analytical Chemistry</i> , 2009 , 81, 2470-6	7.8	117
69	Diagnosing the miR-141 prostate cancer biomarker using nucleic acid-functionalized CdSe/ZnS QDs and telomerase. <i>Chemical Science</i> , 2015 , 6, 659-665	9.4	92
68	Nanotheranostics--a review of recent publications. <i>International Journal of Nanomedicine</i> , 2012 , 7, 4679-95	9.5	86
67	Facile preparation of high-quantum-yield gold nanoclusters: application to probing mercuric ions and biothiols. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 18824-31	9.5	84

66	Ultrasensitive electrochemical detection of biotin using electrically addressable site-oriented antibody immobilization approach via aminophenyl boronic acid. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 1021-7	11.8	77
65	Phospholipid-functionalized mesoporous silica nanocarriers for selective photodynamic therapy of cancer. <i>Biomaterials</i> , 2013 , 34, 7462-70	15.6	72
64	Facile surface functionalization of nanodiamonds. <i>Langmuir</i> , 2010 , 26, 3685-9	4	65
63	Liposome-based microcapillary immunosensor for detection of Escherichia coli O157:H7. <i>Analytical Biochemistry</i> , 2004 , 330, 342-9	3.1	63
62	Microwave Arcing Induced Formation and Growth Mechanisms of Core/Shell Metal/Carbon Nanoparticles in Organic Solutions. <i>Advanced Functional Materials</i> , 2008 , 18, 2048-2056	15.6	60
61	Antioxidant activity and melanogenesis inhibitory effect of the acetonic extract of Osmanthus fragrans: A potential natural and functional food flavor additive. <i>LWT - Food Science and Technology</i> , 2009 , 42, 1513-1519	5.4	53
60	Procedures for preparing Escherichia coli O157:H7 immunoliposome and its application in liposome immunoassay. <i>Analytical Chemistry</i> , 2003 , 75, 4330-4	7.8	51
59	Application of ganglioside-sensitized liposomes in a flow injection immunoanalytical system for the determination of cholera toxin. <i>Analytical Chemistry</i> , 2007 , 79, 246-50	7.8	45
58	Synergism through combination of chemotherapy and oxidative stress-induced autophagy in A549 lung cancer cells using redox-responsive nanohybrids: a new strategy for cancer therapy. <i>Biomaterials</i> , 2015 , 42, 30-41	15.6	40
57	Liposome-based immunostrip for the rapid detection of Salmonella. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 479-85	4.4	40
56	Application of a liposomal bioluminescent label in the development of a flow injection immunoanalytical system. <i>Analytical Chemistry</i> , 2005 , 77, 3431-6	7.8	37
55	Inhibitory effect of red koji extracts on mushroom tyrosinase. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 4240-6	5.7	31
54	Simple aminophenol-based electrochemical probes for non-enzymatic, dual amperometric detection of NADH and hydrogen peroxide. <i>Talanta</i> , 2019 , 200, 450-457	6.2	30
53	Tyramine detection using PEDOT:PSS/AuNPs/1-methyl-4-mercaptopyridine modified screen-printed carbon electrode with molecularly imprinted polymer solid phase extraction. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 142-149	11.8	29
52	Gallic acid induces necroptosis via TNF- β signaling pathway in activated hepatic stellate cells. <i>PLoS ONE</i> , 2015 , 10, e0120713	3.7	27
51	Multifunctional microelectrode array (mMEA) chip for neural-electrical and neural-chemical interfaces: characterization of comb interdigitated electrode towards dopamine detection. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 602-7	11.8	27
50	Synthesis of N-modified sTn analogs and evaluation of their immunogenicities by microarray-based immunoassay. <i>Tetrahedron</i> , 2010 , 66, 7510-7519	2.4	27
49	DAST-mediated regioselective anomeric group migration in saccharides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 4041-8	4.2	24

48	Development of liposomal immunosensor for the measurement of insulin with femtomole detection. <i>Analytica Chimica Acta</i> , 2006 , 556, 127-32	6.6	24
47	Efficient electrocatalytic oxidation of water: minimization of catalyst loading by an electrostatic assembly of hydrous iridium oxide colloids. <i>RSC Advances</i> , 2012 , 2, 4092	3.7	23
46	Synthesis, characterization, and electrochemical applications of carbon nanoparticles derived from castor oil soot. <i>Talanta</i> , 2012 , 88, 445-9	6.2	23
45	Green Synthesis of Novel Polyaniline Nanofibers: Application in pH Sensing. <i>Molecules</i> , 2015 , 20, 18585-968	4.6	22
44	Antioxidant, anti-inflammatory and anti-browning activities of hot water extracts of oriental herbal teas. <i>Food and Function</i> , 2010 , 1, 200-8	6.1	22
43	Dual electrochemical determination of glucose and insulin using enzyme and ferrocene microcapsules. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 1147-53	11.8	22
42	Electrochemical sensor for multiplex screening of genetically modified DNA: identification of biotech crops by logic-based biomolecular analysis. <i>Biosensors and Bioelectronics</i> , 2013 , 50, 414-20	11.8	21
41	The Comparison Between the Graded Photonic Crystal Coupler and Various Couplers. <i>Journal of Lightwave Technology</i> , 2009 , 27, 2570-2574	4	21
40	Photocontrolled Targeted Drug Delivery: Photocaged Biologically Active Folic Acid as a Light-Responsive Tumor-Targeting Molecule. <i>Angewandte Chemie</i> , 2012 , 124, 8936-8940	3.6	20
39	Using liposomal fluorescent biolabels to develop an immunoaffinity chromatographic biosensing system for biotin. <i>Analytical Chemistry</i> , 2008 , 80, 6405-9	7.8	20
38	Development of a long-life capillary enzyme bioreactor for the determination of blood glucose. <i>Talanta</i> , 2007 , 71, 391-6	6.2	20
37	Monitoring the subcellular localization of doxorubicin in CHO-K1 using MEKC-LIF: liposomal carrier for enhanced drug delivery. <i>Talanta</i> , 2012 , 99, 683-8	6.2	19
36	Rapid analysis of L-dopa in urine samples using gold nanoelectrode ensembles. <i>Talanta</i> , 2007 , 74, 229-346.2	4.2	18
35	Gold-nanostructured immunosensor for the electrochemical sensing of biotin based on liposomal competitive assay. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 2324-9	1.3	17
34	Use of liposomal amplifiers in total internal reflection fluorescence fiber-optic biosensors for protein detection. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 1201-7	11.8	16
33	Target-Triggered, Dual Amplification Strategy for Sensitive Electrochemical Detection of a Lymphoma-associated MicroRNA. <i>Electrochimica Acta</i> , 2017 , 236, 190-197	6.7	15
32	Template-free synthesis of an electroactive Au-Calix-PPY nanocomposite for electrochemical sensor applications. <i>Green Chemistry</i> , 2012 , 14, 799	10	14
31	Folic acid-anchored PEGglylated phospholipid bioconjugate and its application in a liposomal immunodiagnostic assay for folic acid. <i>Analytical Chemistry</i> , 2009 , 81, 5671-7	7.8	13

30	Improved activity of immobilized antibody by paratope orientation controller: probing paratope orientation by electrochemical strategy and surface plasmon resonance spectroscopy. <i>Biosensors and Bioelectronics</i> , 2014 , 55, 32-8	11.8	11
29	Green synthesis and characterization of novel gold nanocomposites for electrochemical sensing applications. <i>Talanta</i> , 2013 , 117, 352-8	6.2	11
28	Chemopreventive Potential of Ethanolic Extracts of Luobuma Leaves (<i>Apocynum venetum</i> L.) in Androgen Insensitive Prostate Cancer. <i>Nutrients</i> , 2017 , 9,	6.7	11
27	Gold Nanobone/Carbon Nanotube Hybrids for the Efficient Nonenzymatic Detection of H ₂ O ₂ and Glucose. <i>Electroanalysis</i> , 2014 , 26, 1816-1823	3	10
26	Binding kinetics of biomolecule interaction at ultralow concentrations based on gold nanoparticle enhancement. <i>Analytical Chemistry</i> , 2011 , 83, 3290-6	7.8	10
25	Gold/phospholipid nanoconstructs as label-free optical probes for evaluating phospholipase A2 activity. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 202-8	11.8	9
24	Exploitation of stem-loop DNA as a dual-input gene sensing platform: extension to subtyping of influenza A viruses. <i>Chemical Science</i> , 2014 , 5, 4082	9.4	9
23	Liposome-based immunoaffinity chromatographic assay for the quantitation of immunoglobulin E in human serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 172-6	3.2	9
22	Photochemical activities of N-nitroso carboxamides and sulfoximides and their application to DNA cleavage. <i>Chemistry - A European Journal</i> , 2009 , 15, 8742-50	4.8	8
21	Dual polarization interferometric and capillary electrophoretic analysis of supported lipid bilayer constructed on silica-based surface: evaluation of its anti-protein adsorption effect. <i>Analytica Chimica Acta</i> , 2012 , 714, 127-33	6.6	7
20	Amplification-free Detection of Cytomegalovirus miRNA Using a Modification-free Surface Plasmon Resonance Biosensor. <i>Analytical Chemistry</i> , 2021 , 93, 8002-8009	7.8	7
19	Imaging of Cancer Cells and Dictated Cytotoxicity Using Aptamer-Guided Hybridization Chain Reaction (HCR)-Generated G-Quadruplex Chains. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21673-21678	16.4	7
18	Diagnosing the RGS11 Lung Cancer Biomarker: The Integration of Competitive Immunoassay and Isothermal Nucleic Acid Exponential Amplification Reaction. <i>Analytical Chemistry</i> , 2019 , 91, 3327-3335	7.8	6
17	Development of an immunopredictor for the evaluation of the risk of cardiovascular diseases based on the level of soluble P-selectin. <i>Methods</i> , 2012 , 56, 223-9	4.6	6
16	A disposable electrochemical sensor designed to estimate glycated hemoglobin (HbA1c) level in whole blood. <i>Sensors and Actuators B: Chemical</i> , 2021 , 329, 129119	8.5	6
15	A 2,4-dinitrophenylhydrazine/kojic acid derivative as a simple colorimetric probe for determination of cupric ions in water. <i>Sensors and Actuators B: Chemical</i> , 2014 , 203, 204-208	8.5	5
14	Dynamic Probing of Nanoparticle Stability In Vivo: A Liposomal Model Assessed Using In Situ Microdialysis and Optical Imaging. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-8	3.2	5
13	An innovative application of time-domain spectroscopy on localized surface plasmon resonance sensing. <i>Scientific Reports</i> , 2017 , 7, 44555	4.9	4

12	A Tunable Multicolor Photoluminescent Nanocarbon Prepared from Castor Oil Soot. <i>Journal of the Chinese Chemical Society</i> , 2012 , 59, 802-808	1.5	4
11	Targeting triple-negative breast cancer with an aptamer-functionalized nanoformulation: a synergistic treatment that combines photodynamic and bioreductive therapies. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 89	9.4	4
10	Preparation of Liposomal Progesterone and Its Application on the Measurement of Progesterone Interpreted via Electrochemical and Colorimetric Sensing Platforms. <i>Electroanalysis</i> , 2013 , 25, 1017-1022	3	2
9	Simple and Cost-effective Enzymatic Detection of Cholesterol Using Flow Injection Analysis. <i>Analytical Sciences</i> , 2020 , 36, 1119-1124	1.7	2
8	Applications of triplex DNA nanostructures in sensor development.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1	4.4	2
7	Cyano Derivatives of 7-Aminoquinoline That Are Highly Emissive in Water: Potential for Sensing Applications. <i>Chemistry - A European Journal</i> , 2021 , 27, 8040-8047	4.8	1
6	Imaging of Cancer Cells and Dictated Cytotoxicity Using Aptamer-Guided Hybridization Chain Reaction (HCR)-Generated G-Quadruplex Chains. <i>Angewandte Chemie</i> , 2021 , 133, 21841-21846	3.6	1
5	Evaluation of the apolipoprotein E (apoE)-HDL-associated risk factors for coronary heart disease using duo-functional electrochemical aptasensor.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1	4.4	1
4	Localized Surface Plasmon Coupled Fluorescence Fiber Optic Based Biosensing 2010 , 183-259		0
3	Resuscitation Using Liposomal Vasopressin in an Animal Model of Uncontrolled Hemorrhagic Shock. <i>PLoS ONE</i> , 2015 , 10, e0130655	3.7	0
2	Applications of Metals, Metal Oxides, and Metal Sulfides in Electrochemical Sensing and Biosensing. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 209-244	0.8	0
1	Noninvasive assessment of liver function reserve with fluorescent dosimetry of indocyanine green.. <i>Biomedical Optics Express</i> , 2022 , 13, 1995-2005	3.5	0