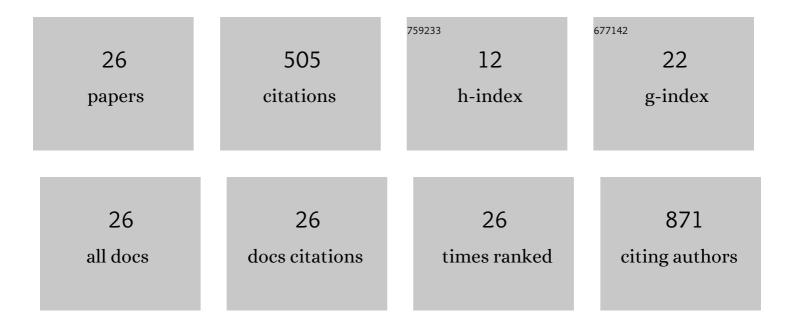
## Guangyu Shen

List of Publications by Year in descending order

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CHANCYLI SHEN

#	Article	IF	CITATIONS
1	Electrochemical immunosensor based on Pd–Au nanoparticles supported on functionalized PDDA-MWCNT nanocomposites for aflatoxin B1 detection. Analytical Biochemistry, 2016, 494, 10-15.	2.4	70
2	Signal enhancement in a lateral flow immunoassay based on dual gold nanoparticle conjugates. Clinical Biochemistry, 2013, 46, 1734-1738.	1.9	55
3	Signal-Enhanced Lateral Flow Immunoassay with Dual Gold Nanoparticle Conjugates for the Detection of Hepatitis B Surface Antigen. ACS Omega, 2019, 4, 5083-5087.	3.5	41
4	Improvement of antibody immobilization using hyperbranched polymer and protein A. Analytical Biochemistry, 2011, 409, 22-27.	2.4	40
5	Highly sensitive electrochemical stripping detection of hepatitis B surface antigen based on copper-enhanced gold nanoparticle tags and magnetic nanoparticles. Analytica Chimica Acta, 2010, 674, 27-31.	5.4	38
6	Direct immobilization of antibodies on dialdehyde cellulose film for convenient construction of an electrochemical immunosensor. Sensors and Actuators B: Chemical, 2014, 200, 304-309.	7.8	38
7	Background eliminated signal-on electrochemical aptasensing platform for highly sensitive detection of protein. Biosensors and Bioelectronics, 2015, 66, 363-369.	10.1	34
8	One-step immobilization of antibodies for α-1-fetoprotein immunosensor based on dialdehyde cellulose/ionic liquid composite. Analytical Biochemistry, 2015, 471, 38-43.	2.4	24
9	Lateral Flow Immunoassay with the Signal Enhanced by Gold Nanoparticle Aggregates Based on Polyamidoamine Dendrimer. Analytical Sciences, 2013, 29, 799-804.	1.6	23
10	A label-free electrochemical immunosensor based on a new polymer containing aldehyde and ferrocene groups. Talanta, 2017, 164, 483-489.	5.5	20
11	A novel piezoelectric quartz crystal immnuosensor based on hyperbranched polymer films for the detection of α-Fetoprotein. Analytica Chimica Acta, 2008, 630, 75-81.	5.4	19
12	Voltammetric immunoassay for α-fetoprotein by using a gold nanoparticle/dendrimer conjugate and a ferrocene derived ionic liquid. Mikrochimica Acta, 2018, 185, 346.	5.0	15
13	Direct immobilization of antibodies on a new polymer film for fabricating an electrochemical impedance immunosensor. Analytical Biochemistry, 2015, 485, 81-85.	2.4	11
14	A novel label-free electrochemical immunosensor based on aldehyde-terminated ionic liquid. Talanta, 2017, 175, 347-351.	5.5	11
15	The development of an electrochemical immunosensor using a thiol aromatic aldehyde and PAMAM-functionalized Fe3O4@Au nanoparticles. Analytical Biochemistry, 2015, 485, 66-71.	2.4	10
16	Label-Free Electrochemical Immunosensor Based on β-Cyclodextrin-Functionalized Helical Carbon Nanotube and Ionic Liquid Containing Ferrocene and Aldehyde Groups. ACS Omega, 2019, 4, 20252-20256.	3.5	10
17	The fabrication of a label-free electrochemical immunosensor using Nafion/carbon nanotubes/charged pyridinecarboxaldehyde composite film. Analytical Biochemistry, 2016, 504, 14-19.	2.4	9
18	Development of an electrochemical aptasensor for thrombin based on aptamer/Pd–AuNPs/HRP conjugates. Analytical Methods, 2016, 8, 2150-2155.	2.7	8

**GUANGYU SHEN** 

#	Article	IF	CITATIONS
19	A versatile matrix of an ionic liquid functionalized with aldehyde and ferrocene groups for label-free electrochemical immunosensors. Analytical Methods, 2018, 10, 1612-1617.	2.7	8
20	Label-Free Electrochemical Immunosensor Based on Ionic Liquid Containing Dialdehyde As a Novel Linking Agent for the Antibody Immobilization. ACS Omega, 2018, 3, 11227-11232.	3.5	7
21	A simple strategy for signal amplification based on DNA hybridization chain reaction for thrombin detection. New Journal of Chemistry, 2015, 39, 6965-6969.	2.8	4
22	Simple and Effective Approach to Prepare an Epoxy-Functionalized Polymer and Its Application for an Electrochemical Immunosensor. ACS Omega, 2021, 6, 3637-3643.	3.5	4
23	Electrochemical impedimetric immunosensor based on host–guest interaction between β-cyclodextrin and ferrocene anchored to ionic liquid. Ionics, 2019, 25, 3407-3412.	2.4	3
24	The Fabrication of Electrochemical Impedance Immunosensor Based on Aldehyde-containing Self-assembled Monolayers for Hepatitis B Surface Antigen Detection. Electrochemistry, 2016, 84, 224-227.	1.4	2
25	The fabrication of a piezoelectric immunosensor based on DNA–antibody conjugate layer. Analytical Biochemistry, 2011, 418, 167-171.	2.4	1
26	The fabrication of a label-free electrochemical immunosensor using an aldehyde-functionalized	2.7	0

<sup>26</sup> pyridinium salt for antibody immobilization. Analytical Methods, 2016, 8, 6782-6786.