

# Xiaodi Su

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8217213/xiaodi-su-publications-by-year.pdf>

**Version:** 2024-04-26

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.

121  
papers

4,687  
citations

38  
h-index

64  
g-index

124  
ext. papers

5,062  
ext. citations

6  
avg, IF

5.71  
L-index

#	Paper	IF	Citations
121	Lithographic Processes for the Scalable Fabrication of Micro- and Nanostructures for Biochips and Biosensors. <i>ACS Sensors</i> , <b>2021</b> , 6, 2002-2024	9.2	11
120	Epitope-Functionalized Gold Nanoparticles for Rapid and Selective Detection of SARS-CoV-2 IgG Antibodies. <i>ACS Nano</i> , <b>2021</b> ,	16.7	26
119	Gold Nanoparticle-based "Mix and Measure" Fluorimetric Assays to Quantify Antibody Titer. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3188-3193	4.5	0
118	A portable SERS sensor for pyocyanin detection in simulated wound fluid and through swab sampling. <i>Analyst, The</i> , <b>2021</b> , 146, 6924-6934	5	1
117	Structure-selective differentiation of deletion mutations in circulating tumor DNA using dual probe-based isothermal amplification. <i>Chemical Communications</i> , <b>2021</b> , 57, 6796-6799	5.8	0
116	Sensors, Biosensors, and Analytical Technologies for Aquaculture Water Quality. <i>Research</i> , <b>2020</b> , 2020, 8272705	7.8	34
115	Study of the Effect of Anisotropic Gold Nanoparticles on Plasmonic Coupling with a Photosensitizer for Antimicrobial Film.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 315-326	4.1	9
114	Sensors and Analytical Technologies for Air Quality: Particulate Matters and Bioaerosols. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 4241-4255	4.5	9
113	Hybrid Plasmonics and Two-Dimensional Materials: Theory and Applications. <i>Journal of Molecular and Engineering Materials</i> , <b>2020</b> , 08, 2030001	1.3	1
112	Sensing of circulating cancer biomarkers with metal nanoparticles. <i>Nanoscale</i> , <b>2019</b> , 11, 22152-22171	7.7	41
111	Recent advances in non-toxic quantum dots and their biomedical applications. <i>Progress in Natural Science: Materials International</i> , <b>2019</b> , 29, 628-640	3.6	37
110	Quantifying the binding between proteins and open chromatin-like DNA sequences with gold nanorods. <i>Chemical Communications</i> , <b>2019</b> , 55, 15041-15044	5.8	6
109	Amplification-free and direct fluorometric determination of telomerase activity in cell lysates using chimeric DNA-templated silver nanoclusters. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 81	5.8	7
108	Tunable plasmonic colorimetric assay with inverse sensitivity for extracellular DNA quantification. <i>Chemical Communications</i> , <b>2018</b> , 54, 11260-11263	5.8	16
107	Fluorescence sensing of protein-DNA interactions using conjugated polymers and graphene oxide. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 271, 97-103	8.5	12
106	Identification of a Wells-Dawson polyoxometalate-based AP-2 inhibitor with pro-apoptotic activity. <i>Biochemical Journal</i> , <b>2018</b> , 475, 1965-1977	3.8	4
105	Nanomaterials-based biosensors for detection of microorganisms and microbial toxins. <i>Biotechnology Journal</i> , <b>2017</b> , 12,	5.6	32

104	Determining ER Binding Affinity to Singly Mutant ERE Using Dual Polarization Interferometry. <i>Journal of Molecular and Engineering Materials</i> , <b>2016</b> , 04, 1640008	1.3	
103	Determination of DNA Binding Behavior of FoxA1 Constructs Using a Gold Nanoparticle-Based High Throughput Assay. <i>Journal of Molecular and Engineering Materials</i> , <b>2016</b> , 04, 1640012	1.3	
102	Surface Plasmon Resonance Study of Cooperative Interactions of Estrogen Receptor and Specificity Protein 1 with Composite DNA Elements. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1366, 261-270	1.4	2
101	Fine-tuning of gold nanorod dimensions and plasmonic properties using the Hofmeister effects. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 53-61	7.1	60
100	Growth of anisotropic gold nanoparticles in photoresponsive fluid for UV sensing and erythema prediction. <i>Nanomedicine</i> , <b>2016</b> , 11, 2845-2860	5.6	10
99	Gold Nanoparticle-Based Förster Resonance Energy Transfer (FRET) Analysis of Estrogen Receptor: DNA Interaction. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1366, 219-232	1.4	
98	Identification of lysine K18 acetylation on histone H3 peptide using gold nanoparticles aggregation behaviour. <i>Amino Acids</i> , <b>2016</b> , 48, 1023-1031	3.5	1
97	DNA-templated silver nanoclusters: structural correlation and fluorescence modulation. <i>Nanoscale</i> , <b>2016</b> , 8, 17729-17746	7.7	94
96	A plasmonic multi-logic gate platform based on sequence-specific binding of estrogen receptors and gold nanorods. <i>Nanoscale</i> , <b>2016</b> , 8, 19973-19977	7.7	14
95	A plasmonic nanosensor with inverse sensitivity for circulating cell-free DNA quantification. <i>Chemical Communications</i> , <b>2015</b> , 51, 14524-7	5.8	26
94	Nanomaterial-based biosensors using dual transducing elements for solution phase detection. <i>Analyst, The</i> , <b>2015</b> , 140, 2916-43	5	27
93	Engineering Structural Diversity in Gold Nanocrystals by Ligand-Mediated Interface Control. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 8032-8040	9.6	13
92	Serum Albumin Binding Inhibits Nuclear Uptake of Luminescent Metal-Complex-Based DNA Imaging Probes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 11865-71	4.8	28
91	A Rapid and Quantitative Fluorimetric Method for Protein-Targeting Small Molecule Drug Screening. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e53261	1.6	4
90	DNA-Directed Assembly of Nanogold Dimers: A Unique Dynamic Light Scattering Sensing Probe for Transcription Factor Detection. <i>Scientific Reports</i> , <b>2015</b> , 5, 18293	4.9	23
89	End-on Covalent Antibody Immobilization on Dual Polarization Interferometry Sensor Chip for Enhanced Immuno-sensing. <i>Plasmonics</i> , <b>2014</b> , 9, 851-858	2.4	11
88	Fast screening of ligand-protein interactions based on ligand-induced protein stabilization of gold nanoparticles. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 2361-70	7.8	19
87	Hybrid assembly of DNA-coated gold nanoparticles with water soluble conjugated polymers for studying protein-DNA interaction and ligand inhibition. <i>RSC Advances</i> , <b>2014</b> , 4, 8883	3.7	11

86	Antimicrobial functionalization of silicone surfaces with engineered short peptides having broad spectrum antimicrobial and salt-resistant properties. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 258-66	10.8	110
85	Dinuclear osmium(II) probes for high-resolution visualisation of cellular DNA structure using electron microscopy. <i>Chemical Communications</i> , <b>2014</b> , 50, 14494-7	5.8	20
84	Tuning the cellular uptake properties of luminescent heterobimetallic iridium(III)-ruthenium(II) DNA imaging probes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14004-11	4.8	43
83	Protein-based fluorescent metal nanoclusters for small molecular drug screening. <i>Chemical Communications</i> , <b>2014</b> , 50, 13805-8	5.8	55
82	High sensitivity molecule detection by plasmonic nanoantennas with selective binding at electromagnetic hotspots. <i>Nanoscale</i> , <b>2014</b> , 6, 1416-22	7.7	30
81	Studying forkhead box protein A1-DNA interaction and ligand inhibition using gold nanoparticles, electrophoretic mobility shift assay, and fluorescence anisotropy. <i>Analytical Biochemistry</i> , <b>2014</b> , 448, 95-104	3.1	6
80	Spacer effect of cooperative binding of estrogen receptor $\alpha$ and specificity protein 1 to composite DNA: A surface plasmon resonance study. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 195, 635-642	8.5	3
79	A Nanoplasmonic-Fluorescent Ruler for Detection of Site-Specific Protein Binding to Composite DNA of Multiple Sites. <i>Particle and Particle Systems Characterization</i> , <b>2014</b> , 31, 1281-1290	3.1	1
78	Studying Protein-DNA Complexes Using Gold Nanoparticles by Exploiting Particle Aggregation, Refractive Index Change, and Fluorescence Quenching and Enhancement Principles. <i>Plasmonics</i> , <b>2014</b> , 9, 753-763	2.4	10
77	Interrogating Cooperative Interactions of Transcription Factors with Composite DNA Elements Using Gold Nanoparticles. <i>Science of Advanced Materials</i> , <b>2014</b> , 6, 1460-1466	2.3	8
76	UV-vis spectroscopy and dynamic light scattering study of gold nanorods aggregation. <i>Nucleic Acid Therapeutics</i> , <b>2013</b> , 23, 273-80	4.8	19
75	Hybrid sensor using gold nanoparticles and conjugated polyelectrolytes for studying sequence rule in protein-DNA interactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 12725-34	9.5	16
74	A study of DNA design dependency of segmented DNA-induced gold nanoparticle aggregation towards versatile bioassay development. <i>RSC Advances</i> , <b>2013</b> , 3, 21604	3.7	16
73	Study sequence rules of estrogen receptor $\alpha$ -DNA interactions using dual polarization interferometry and computational modeling. <i>Analytical Biochemistry</i> , <b>2013</b> , 433, 121-8	3.1	11
72	Plasmonic metal nanostructure array by glancing angle deposition for biosensing application. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 183, 310-318	8.5	11
71	Comparative study of random and oriented antibody immobilization as measured by dual polarization interferometry and surface plasmon resonance spectroscopy. <i>Langmuir</i> , <b>2012</b> , 28, 997-1004 <sup>4</sup>		103
70	Affinity analysis of DNA aptamer-peptide interactions using gold nanoparticles. <i>Analytical Biochemistry</i> , <b>2012</b> , 421, 725-31	3.1	31
69	Designer tridentate mucin 1 aptamer for targeted drug delivery. <i>Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 101, 1672-7	3.9	15

68	Wide-field single metal nanoparticle spectroscopy for high throughput localized surface plasmon resonance sensing. <i>Lab on A Chip</i> , <b>2011</b> , 11, 1895-901	7.2	16
67	Investigative Study of Nucleic Acid-Gold Nanoparticle Interactions Using Laser-based Techniques, Electron Microscopy, and Resistive Pulse Sensing with a Nanopore. <i>Australian Journal of Chemistry</i> , <b>2011</b> , 64, 1229	1.2	16
66	Interrogating Oestrogen Receptor-DNA Interactions using Metallic Nanoparticles and Surface Plasmon Resonance Technique. <i>Australian Journal of Chemistry</i> , <b>2011</b> , 64, 1288	1.2	10
65	PEGylated anti-MUC1 aptamer-doxorubicin complex for targeted drug delivery to MCF7 breast cancer cells. <i>Macromolecular Bioscience</i> , <b>2011</b> , 11, 1331-5	5.5	62
64	The plasmonic ruler goes 3D!. <i>ChemPhysChem</i> , <b>2011</b> , 12, 2707-8	3.2	2
63	Surface plasmon resonance study of PNA interactions with double-stranded DNA. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 1918-23	11.8	21
62	Study of single-stranded DNA binding protein-nucleic acids interactions using unmodified gold nanoparticles and its application for detection of single nucleotide polymorphisms. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 4251-7	7.8	68
61	Gold-nanoparticle-based assay for instantaneous detection of nuclear hormone receptor-response elements interactions. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 2759-65	7.8	56
60	Study of nucleic acid-gold nanorod interactions and detecting nucleic acid hybridization using gold nanorod solutions in the presence of sodium citrate. <i>Biointerphases</i> , <b>2010</b> , 5, FA98-104	1.8	4
59	Sensing of transcription factor through controlled-assembly of metal nanoparticles modified with segmented DNA elements. <i>ACS Nano</i> , <b>2010</b> , 4, 5101-10	16.7	61
58	Noble Metal Nanoparticles as Colorimetric Probes for Biological Analysis <b>2010</b> , 183-214		
57	Comparison of DNA, aminoethylglycyl PNA and pyrrolidinyl PNA as probes for detection of DNA hybridization using surface plasmon resonance technique. <i>Biosensors and Bioelectronics</i> , <b>2010</b> , 25, 1064-9	11.8	54
56	SURFACE PLASMON RESONANCE SPECTROSCOPY AND QUARTZ CRYSTAL MICROBALANCE STUDY OF PROTEIN-DNA INTERACTIONS IN HORMONE RECEPTOR BIOLOGY. <i>Cosmos</i> , <b>2009</b> , 05, 79-95		
55	Engineering Lacl for Self-Assembly of Inorganic Nanoparticles on DNA Scaffold through the Understanding of Lacl Binding to Solid Surfaces. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 1186-1192	15.6	4
54	Purification and characterization of heparan sulfate from human primary osteoblasts. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 108, 1132-42	4.7	10
53	SPR study of DNA hybridization with DNA and PNA probes under stringent conditions. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 24, 1717-22	11.8	55
52	Colorimetric detection of DNA using unmodified metallic nanoparticles and peptide nucleic acid probes. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 6122-9	7.8	187
51	Context-dependent adsorption behavior of cyclic and linear peptides on metal oxide surfaces. <i>Langmuir</i> , <b>2009</b> , 25, 1588-93	4	42

50	Control of metal nanoparticles aggregation and dispersion by PNA and PNA-DNA complexes, and its application for colorimetric DNA detection. <i>ACS Nano</i> , <b>2009</b> , 3, 2751-9	16.7	118
49	Surface plasmon resonance study of cooperative interactions of estrogen receptor alpha and transcriptional factor Sp1 with composite DNA elements. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 3344-9	7.8	30
48	Probing the interaction between peptides and metal oxides using point mutants of a TiO <sub>2</sub> -binding peptide. <i>Langmuir</i> , <b>2008</b> , 24, 6852-7	4	56
47	Quartz crystal microbalance with integrated surface plasmon grating coupler. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 5246-50	7.8	16
46	Light-induced detuning of a quartz crystal wafer with temperature-compensated cut. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 104503	2.5	7
45	Phthalocyanine/silica hybrid films on QCM for enhanced nitric oxide sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 129, 184-187	8.5	29
44	DNA assembly on streptavidin modified surface: A study using quartz crystal microbalance with dissipation or resistance measurements. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 131, 371-378	8.5	30
43	Selective and enhanced nitric oxide detection using hemoprotein/silica hybrids. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 133, 241-243	8.5	11
42	Femtomol SPR detection of DNA-PNA hybridization with the assistance of DNA-guided polyaniline deposition. <i>Biosensors and Bioelectronics</i> , <b>2008</b> , 23, 1715-20	11.8	34
41	A two-step antibody strategy for surface plasmon resonance spectroscopy detection of protein-DNA interactions in nuclear extracts. <i>Analytical Biochemistry</i> , <b>2008</b> , 376, 137-43	3.1	16
40	Characterization of protein-DNA interactions using surface plasmon resonance spectroscopy with various assay schemes. <i>Biochemistry</i> , <b>2007</b> , 46, 2127-35	3.2	66
39	Understanding ligand binding effects on the conformation of estrogen receptor alpha-DNA complexes: a combinational quartz crystal microbalance with dissipation and surface plasmon resonance study. <i>Biophysical Journal</i> , <b>2007</b> , 92, 4415-23	2.9	73
38	Evaluation of two- and three-dimensional streptavidin binding platforms for surface plasmon resonance spectroscopy studies of DNA hybridization and protein-DNA binding. <i>Biosensors and Bioelectronics</i> , <b>2007</b> , 22, 2700-6	11.8	70
37	Surface plasmon resonance spectroscopy study of interfacial binding of thrombin to antithrombin DNA aptamers. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 315, 99-106	9.3	55
36	Enzyme-based colorimetric detection of nucleic acids using peptide nucleic acid-immobilized microwell plates. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 7192-7	7.8	56
35	Cyclodextrin functionalized mesoporous silica films on quartz crystal microbalance for enhanced gas sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 119, 220-226	8.5	75
34	Multiplatform genome-wide identification and modeling of functional human estrogen receptor binding sites. <i>Genome Biology</i> , <b>2006</b> , 7, R82	18.3	41
33	Four-Channel QCA Using Mesoporous Silica Films for Gas Sensing Applications. <i>IEEE Sensors Journal</i> , <b>2006</b> , 6, 1676-1682	4	25

32	Surface plasmon resonance spectroscopy and electrochemistry study of 4-nitro-1,2-phenylenediamine: a switchable redox polymer with nitro functional groups. <i>Langmuir</i> , <b>2006</b> , 22, 3929-35	4	9
31	Combinational application of surface plasmon resonance spectroscopy and quartz crystal microbalance for studying nuclear hormone receptor-response element interactions. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 5552-8	7.8	48
30	QCM-D analysis of binding mechanism of phage particles displaying a constrained heptapeptide with specific affinity to SiO <sub>2</sub> and TiO <sub>2</sub> . <i>Analytical Chemistry</i> , <b>2006</b> , 78, 4872-9	7.8	100
29	Functionalized mesoporous silica films for gas sensing applications. <i>Journal of Electroceramics</i> , <b>2006</b> , 16, 503-505	1.5	28
28	Preparation and characterization of Pt/C and PtRu/C electrocatalysts for direct ethanol fuel cells. <i>Journal of Power Sources</i> , <b>2005</b> , 149, 1-7	8.9	123
27	Comparison of surface plasmon resonance spectroscopy and quartz crystal microbalance techniques for studying DNA assembly and hybridization. <i>Biosensors and Bioelectronics</i> , <b>2005</b> , 21, 719-26	11.8	137
26	Mesoporous silica thin films prepared by argon plasma treatment of sol-gel-derived precursor. <i>Applied Surface Science</i> , <b>2005</b> , 245, 304-309	6.7	20
25	Surface plasmon resonance spectroscopy and quartz crystal microbalance study of streptavidin film structure effects on biotinylated DNA assembly and target DNA hybridization. <i>Langmuir</i> , <b>2005</b> , 21, 348-53	4	159
24	Enzyme immobilization on poly(ethylene-co-acrylic acid) films studied by quartz crystal microbalance with dissipation monitoring. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 287, 35-42	9.3	43
23	Surface plasmon resonance spectroscopy and quartz crystal microbalance study of MutS binding with single thymine-guanine mismatched DNA. <i>Frontiers in Bioscience - Landmark</i> , <b>2005</b> , 10, 268-74	2.8	12
22	Surface modification studies of edge-oriented molybdenum sulfide nanosheets. <i>Langmuir</i> , <b>2004</b> , 20, 6914-20	4	37
21	Comparison of surface plasmon resonance spectroscopy and quartz crystal microbalance for human IgE quantification. <i>Sensors and Actuators B: Chemical</i> , <b>2004</b> , 100, 309-314	8.5	54
20	Conductive polymer-modified boron-doped diamond for DNA hybridization analysis. <i>Chemical Physics Letters</i> , <b>2004</b> , 388, 483-487	2.5	23
19	Preparation of mesoporous silica films using sol-gel process and argon plasma treatment. <i>Chemical Physics Letters</i> , <b>2004</b> , 395, 70-74	2.5	11
18	Detection of point mutation and insertion mutations in DNA using a quartz crystal microbalance and MutS, a mismatch binding protein. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 489-94	7.8	123
17	Carbon-Supported Pt and PtRu Nanoparticles as Catalysts for a Direct Methanol Fuel Cell. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 8234-8240	3.4	599
16	Nanosized Pt and PtRu colloids as precursors for direct methanol fuel cell catalysts. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 3049		63
15	Determination of liquid density with a low frequency mechanical sensor based on quartz tuning fork. <i>Sensors and Actuators B: Chemical</i> , <b>2002</b> , 84, 123-128	8.5	35

14	Quartz tuning fork biosensor. <i>Biosensors and Bioelectronics</i> , <b>2002</b> , 17, 111-7	11.8	48
13	Antibody/antigen affinity behavior in liquid environment with electrical impedance analysis of quartz crystal microbalances. <i>Biophysical Chemistry</i> , <b>2002</b> , 99, 31-41	3.5	27
12	Polyethylene-co-acrylic Acid as Coating for Biosensor Application: A Quartz Crystal Microbalance Study. <i>Langmuir</i> , <b>2002</b> , 18, 9932-9936	4	27
11	Covalent DNA immobilization on polymer-shielded silver-coated quartz crystal microbalance using photobiotin-based UV irradiation. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 290, 962-6	3.4	28
10	Piezoelectric quartz crystal based veterinary diagnosis for Salmonella enteritidis infection in chicken and egg. <i>Sensors and Actuators B: Chemical</i> , <b>2001</b> , 75, 29-35	8.5	23
9	Determination of monoenzyme- and bienzyme-stimulated precipitation by a cuvette-based surface plasmon resonance instrument. <i>Analytical Biochemistry</i> , <b>2001</b> , 299, 241-6	3.1	27
8	Serological determination of Helicobacter pylori infection using sandwiched and enzymatically amplified piezoelectric biosensor. <i>Analytica Chimica Acta</i> , <b>2001</b> , 429, 27-36	6.6	30
7	Au nanoparticle- and silver-enhancement reaction-amplified microgravimetric biosensor. <i>Chemical Communications</i> , <b>2001</b> , 755-756	5.8	38
6	Design and Application of Piezoelectric Quartz Crystal-based Immunoassay.. <i>Analytical Sciences</i> , <b>2000</b> , 16, 107-114	1.7	55
5	Piezoelectric quartz crystal based label-free analysis for allergy disease. <i>Biosensors and Bioelectronics</i> , <b>2000</b> , 15, 629-39	11.8	55
4	Soft-Lithography-Mediated Submicrometer Patterning of Self-Assembled Monolayer of Hemoglobin on ITO Surfaces. <i>Langmuir</i> , <b>2000</b> , 16, 5221-5226	4	24
3	Disposable, low cost, silver-coated, piezoelectric quartz crystal biosensor and electrode protection. <i>Analyst, The</i> , <b>2000</b> , 125, 2268-73	5	12
2	Piezoelectric quartz crystal based screening test for porcine reproductive and respiratory syndrome virus infection in pigs. <i>Analyst, The</i> , <b>2000</b> , 125, 725-730	5	24
1	Self-assembled monolayer-based piezoelectric crystal immunosensor for the quantification of total human immunoglobulin E. <i>Analytical Biochemistry</i> , <b>1999</b> , 273, 66-72	3.1	69