

Richard O Kennedy

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8187072/richard-okennedy-publications-by-year.pdf>

Version: 2024-04-23

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.

55
papers

1,189
citations

19
h-index

33
g-index

55
ext. papers

1,426
ext. citations

4.7
avg, IF

4.74
L-index

#	Paper	IF	Citations
55	Design and fabrication of a low-cost wireless camera imaging system for centrifugal microfluidics.. <i>HardwareX</i> , 2022 , 11, e00259	2.7	0
54	Antibody Purification Using Affinity Chromatography.. <i>Methods in Molecular Biology</i> , 2022 , 2466, 3-22	1.4	0
53	A one-step reverse transcription recombinase polymerase amplification assay for lateral flow-based visual detection of PVY.. <i>Analytical Biochemistry</i> , 2021 , 114526	3.1	0
52	Generation, selection and modification of anti-cardiac troponin I antibodies with high specificity and affinity. <i>Journal of Immunological Methods</i> , 2021 , 500, 113183	2.5	
51	Virus Detection: A Review of the Current and Emerging Molecular and Immunological Methods. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 637559	5.6	15
50	Binding Characteristic of Various Antibody Formats Against Aflatoxins. <i>ACS Omega</i> , 2021 , 6, 25258-25263	3.9	2
49	The role of antibody-based troponin detection in cardiovascular disease: A critical assessment. <i>Journal of Immunological Methods</i> , 2021 , 497, 113108	2.5	0
48	Advances in point-of-care testing for cardiovascular diseases. <i>Advances in Clinical Chemistry</i> , 2021 , 104, 1-70	5.8	0
47	Antibody stability: A key to performance - Analysis, influences and improvement. <i>Biochimie</i> , 2020 , 177, 213-225	4.6	17
46	Sowing seeds for the future: The need for on-site plant diagnostics. <i>Biotechnology Advances</i> , 2020 , 39, 107358	17.8	17
45	Evaluation of Molecularly Imprinted Polymers for Point-of-Care Testing for Cardiovascular Disease. <i>Sensors</i> , 2019 , 19,	3.8	16
44	Unravelling enhancement of antibody fragment stability - Role of format structure and cysteine modification. <i>Journal of Immunological Methods</i> , 2019 , 464, 57-63	2.5	8
43	Measurement of the IgM and IgG Autoantibody Immune Responses in Human Serum has High Predictive Value for the Presence of Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019 , 18, e53-e60	3.8	6
42	Ultrasensitive direct impedimetric immunosensor for detection of serum HER2. <i>Biosensors and Bioelectronics</i> , 2018 , 106, 78-85	11.8	45
41	A review of centrifugal microfluidics in environmental monitoring. <i>Analytical Methods</i> , 2018 , 10, 1497-1515	3.5	28
40	Developments in Point-of-Care Diagnostic Technology for Cancer Detection. <i>Diagnostics</i> , 2018 , 8,	3.8	41
39	Novel Microfluidic Analytical Sensing Platform for the Simultaneous Detection of Three Algal Toxins in Water. <i>ACS Omega</i> , 2018 , 3, 6624-6634	3.9	15

38	Point-of-Care Compatibility of Ultra-Sensitive Detection Techniques for the Cardiac Biomarker Troponin I-Challenges and Potential Value. <i>Biosensors</i> , 2018 , 8,	5.9	22
37	Cardiac Troponin I: Ultrasensitive Detection Using Faradaic Electrochemical Impedance. <i>ACS Omega</i> , 2018 , 3, 17116-17124	3.9	23
36	Enhancing recombinant antibody performance by optimally engineering its format. <i>Journal of Immunological Methods</i> , 2018 , 463, 127-133	2.5	7
35	An Innovative Portable Biosensor System for the Rapid Detection of Freshwater Cyanobacterial Algal Bloom Toxins. <i>Environmental Science & Technology</i> , 2018 , 52, 11691-11698	10.3	16
34	Measuring Antibody-Antigen Binding Kinetics Using Surface Plasmon Resonance. <i>Methods in Molecular Biology</i> , 2018 , 1827, 421-455	1.4	7
33	Direct immunoassays and their performance - theoretical modelling of the effects of antibody orientation and associated kinetics. <i>Integrative Biology (United Kingdom)</i> , 2018 , 10, 598-604	3.7	3
32	Enhancement and Analysis of Human Antiaflatoxin B1 (AFB1) scFv Antibody-Ligand Interaction Using Chain Shuffling. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 5713-5722	5.7	13
31	Strategies for overcoming challenges for decentralised diagnostics in resource-limited and catastrophe settings. <i>Expert Review of Molecular Diagnostics</i> , 2017 , 17, 109-118	3.8	6
30	Prostate cancer diagnostics: Clinical challenges and the ongoing need for disruptive and effective diagnostic tools. <i>Biotechnology Advances</i> , 2017 , 35, 135-149	17.8	44
29	Purification of Antibodies Using Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2017 , 1485, 305-318	1.4	5
28	Immunoaffinity Chromatography: Concepts and Applications. <i>Methods in Molecular Biology</i> , 2017 , 1485, 27-51	1.4	23
27	Detection of prostate specific antigen based on electrocatalytic platinum nanoparticles conjugated to a recombinant scFv antibody. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 759-66	11.8	54
26	Advances in ovarian cancer diagnosis: A journey from immunoassays to immunosensors. <i>Enzyme and Microbial Technology</i> , 2016 , 89, 15-30	3.8	23
25	Differential internalin A levels in biofilms of <i>Listeria monocytogenes</i> grown on different surfaces and nutrient conditions. <i>International Journal of Food Microbiology</i> , 2016 , 219, 50-5	5.8	13
24	Referencing cross-reactivity of detection antibodies for protein array experiments. <i>F1000Research</i> , 2016 , 5, 73	3.6	3
23	Comparison of Enzyme-Linked Immunosorbent Assay, Surface Plasmon Resonance and Biolayer Interferometry for Screening of Deoxynivalenol in Wheat and Wheat Dust. <i>Toxins</i> , 2016 , 8, 103	4.9	17
22	Galectin-1 and Galectin-3 Constitute Novel-Binding Partners for Factor VIII. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 855-63	9.4	19
21	Coming-of-Age of Antibodies in Cancer Therapeutics. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 1009-1028	10.28	69

20	The Purification of Natural and Recombinant Peptide Antibodies by Affinity Chromatographic Strategies. <i>Methods in Molecular Biology</i> , 2015 , 1348, 153-65	1.4	11
19	The Structure of Natural and Recombinant Antibodies. <i>Methods in Molecular Biology</i> , 2015 , 1348, 7-11	1.4	25
18	Diagnostic potential of zinc finger protein-specific autoantibodies and associated linear B-cell epitopes in colorectal cancer. <i>PLoS ONE</i> , 2015 , 10, e0123469	3.7	26
17	A review of coccidiostats and the analysis of their residues in meat and other food. <i>Meat Science</i> , 2014 , 97, 358-74	6.4	74
16	Gadolinium-loaded polychelating amphiphilic polymer as an enhanced MRI contrast agent for human multiple myeloma and non Hodgkin's lymphoma (human Burkitt's lymphoma). <i>RSC Advances</i> , 2014 , 4, 18007	3.7	6
15	Strengths and Shortcomings of Advanced Detection Technologies 2014 , 13-45		2
14	Centrifugo-pneumatic valving utilizing dissolvable films. <i>Lab on A Chip</i> , 2012 , 12, 2894-902	7.2	91
13	Kinetics of immunoassays with particles as labels: effect of antibody coupling using dendrimers as linkers. <i>Analyst, The</i> , 2011 , 136, 2533-41	5	38
12	Speedy, Small, Sensitive, and Specific: Reality or Myth for Future Analytical Methods. <i>Analytical Letters</i> , 2010 , 43, 1630-1648	2.2	5
11	Terminal α -6 Linked Sialic Acid Expression On VWF Specifically Enhances Proteolysis by ADAMTS13.. <i>Blood</i> , 2009 , 114, 30-30	2.2	1
10	Salivary Analysis of Drugs: Potential and Difficulties. <i>Analytical Letters</i> , 2008 , 41, 925-948	2.2	10
9	Surface Plasmon Resonance-Based Immunoassay for the Detection of Aflatoxin B1 Using Single-Chain Antibody Fragments. <i>Spectroscopy Letters</i> , 2005 , 38, 229-245	1.1	41
8	Development and Use of Antibodies in Surface Plasmon Resonance-Based Immunosensors for Environmental Monitoring. <i>International Journal of Environmental Analytical Chemistry</i> , 2003 , 83, 525-543	1.8	8
7	Application of an immunosensor for the detection of the β -lactam antibiotic, cephalexin. <i>Food and Agricultural Immunology</i> , 2003 , 15, 225-234	2.9	16
6	Development of ELISA and Sensor-based Assays for the Detection of Ethynyl Estradiol in Bile. <i>Food and Agricultural Immunology</i> , 2003 , 15, 55-64	2.9	8
5	The Development of Novel Miniaturized Immuno-sensing Devices: A Review of a Small Technology with a Large Future. <i>Analytical Letters</i> , 2003 , 36, 511-537	2.2	42
4	Production and Characterization of Murine Single Chain Fv Antibodies to Aflatoxin B 1 Derived From a Pre-immunized Antibody Phage Display Library System. <i>Food and Agricultural Immunology</i> , 2002 , 14, 255-274	2.9	39
3	PRODUCTION AND ANALYTICAL APPLICATIONS OF scFv ANTIBODY FRAGMENTS. <i>Analytical Letters</i> , 2001 , 34, 1799-1827	2.2	5

2 The immune system in sport: getting the balance right. *British Journal of Sports Medicine*, **2000**, 34, 161-166

1 Development of surface plasmon resonance-based immunoassay for aflatoxin B(1). *Journal of Agricultural and Food Chemistry*, **2000**, 48, 5097-104