

Toshifumi Niwa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	NanoLuc luciferase as a suitable fusion partner of recombinant antibody fragments for developing sensitive luminescent immunoassays. <i>Analytica Chimica Acta</i> , 2021, 1161, 238180.	5.4	16
2	Decreased ER dependency after acquired resistance to CDK4/6 inhibitors. <i>Breast Cancer</i> , 2020, 27, 963-972.	2.9	13
3	Characterization of a membrane-associated estrogen receptor in breast cancer cells and its contribution to hormone therapy resistance using a novel selective ligand. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 201, 105671.	2.5	2
4	Tumor microenvironmental growth factors induce long-term estrogen deprivation resistance in breast cancer. <i>Breast Cancer</i> , 2019, 26, 748-757.	2.9	1
5	Cancer stem-like properties of hormonal therapy-resistant breast cancer cells. <i>Breast Cancer</i> , 2019, 26, 459-470.	2.9	9
6	Compensatory role of insulin-like growth factor 1 receptor in estrogen receptor signaling pathway and possible therapeutic target for hormone therapy-resistant breast cancer. <i>Breast Cancer</i> , 2019, 26, 272-281.	2.9	22
7	The p21 levels have the potential to be a monitoring marker for ribociclib in breast cancer. <i>Oncotarget</i> , 2019, 10, 4907-4918.	1.8	20
8	Acquired resistance to everolimus in aromatase inhibitor-resistant breast cancer. <i>Oncotarget</i> , 2018, 9, 21468-21477.	1.8	12
9	Single CpG site methylation controls estrogen receptor gene transcription and correlates with hormone therapy resistance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 209-217.	2.5	44
10	Different epigenetic mechanisms of ER \pm implicated in the fate of fulvestrant-resistant breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 167, 115-125.	2.5	19
11	Estrogen receptor activation by tobacco smoke condensate in hormonal therapy-resistant breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 448-457.	2.5	5
12	A Single-Step "Breeding"-Generated a Diagnostic Anti-cortisol Antibody Fragment with Over 30-Fold Enhanced Affinity. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 2191-2198.	1.4	10
13	Contribution of Estrone Sulfate to Cell Proliferation in Aromatase Inhibitor (AI) -Resistant, Hormone Receptor-Positive Breast Cancer. <i>PLoS ONE</i> , 2016, 11, e0155844.	2.5	21
14	<i>Gaussia</i> Luciferase as a Genetic Fusion Partner with Antibody Fragments for Sensitive Immunoassay Monitoring of Clinical Biomarkers. <i>Analytical Chemistry</i> , 2015, 87, 12387-12395.	6.5	25
15	Increased androgen receptor activity and cell proliferation in aromatase inhibitor-resistant breast carcinoma. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 513-522.	2.5	48
16	Estrogen Response element-GFP (ERE-GFP) introduced MCF-7 cells demonstrated the coexistence of multiple estrogen-deprivation resistant mechanisms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 139, 61-72.	2.5	20
17	Possible role of the aromatase-independent steroid metabolism pathways in hormone responsive primary breast cancers. <i>Breast Cancer Research and Treatment</i> , 2014, 143, 69-80.	2.5	30
18	Variation in Use of Estrogen Receptor \pm Gene Promoters in Breast Cancer Compared by Quantification of Promoter-Specific Messenger RNA. <i>Clinical Breast Cancer</i> , 2014, 14, 249-257.e2.	2.4	9

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19	Androgen metabolite-dependent growth of hormone receptor-positive breast cancer as a possible aromatase inhibitor-resistance mechanism. <i>Breast Cancer Research and Treatment</i> , 2013, 139, 731-740.	2.5	36
20	Anti-Idiotypic scFv-Enzyme Fusion Proteins: A Clonable Analyte-Mimicking Probe for Standardized Immunoassays Targeting Small Biomarkers. <i>Analytical Chemistry</i> , 2013, 85, 11553-11559.	6.5	27
21	â€œBreedingâ€•Diagnostic Antibodies for Higher Assay Performance: A 250-Fold Affinity-Matured Antibody Mutant Targeting a Small Biomarker. <i>Analytical Chemistry</i> , 2013, 85, 4930-4937.	6.5	29
22	Individual transcriptional activity of estrogen receptors in primary breast cancer and its clinical significance. <i>Cancer Medicine</i> , 2012, 1, 328-337.	2.8	13
23	Estrogen signaling pathway and its imaging in human breast cancer. <i>Cancer Science</i> , 2009, 100, 1773-1778.	3.9	23
24	An enzyme-linked immunometric assay for cortisol based on idiotype-anti-idiotype reactions. <i>Analytica Chimica Acta</i> , 2009, 638, 94-100.	5.4	17
25	Anti-estradiol-17 β single-chain Fv fragments: Generation, characterization, gene randomization, and optimized phage display. <i>Steroids</i> , 2008, 73, 1485-1499.	1.8	31
26	Immunoenzymometric Assay for a Small Molecule, 11-Deoxycortisol, with Attomole-Range Sensitivity Employing an scFv-Enzyme Fusion Protein and Anti-Idiotypic Antibodies. <i>Analytical Chemistry</i> , 2006, 78, 2244-2253.	6.5	43
27	Idiotypic-anti-idiotype-based noncompetitive enzyme-linked immunosorbent assay of ursodeoxycholic acid 7-N-acetylglucosaminides in human urine with subfemtomole range sensitivity. <i>Journal of Immunological Methods</i> , 2003, 272, 1-10.	1.4	15
28	Monoclonal anti-idiotype antibodies recognizing the variable region of a high-affinity antibody against 11-deoxycortisol. Production, characterization and application to a sensitive noncompetitive immunoassay. <i>Journal of Immunological Methods</i> , 2003, 274, 63-75.	1.4	20
29	Effects of Interleukin-18 on Diaphragm Muscle Contraction on Rats.. <i>Tohoku Journal of Experimental Medicine</i> , 2002, 196, 269-280.	1.2	1
30	Generation of a Novel Monoclonal Antibody against Cortisol-[C-4]-Bovine Serum Albumin Conjugate: Application to Enzyme-Linked Immunosorbent Assay for Urinary and Serum Cortisol.. <i>Analytical Sciences</i> , 2002, 18, 1309-1314.	1.6	23
31	A monoclonal antibody-based enzyme-linked immunosorbent assay of glycolithocholic acid sulfate in human urine for liver function test. <i>Steroids</i> , 2002, 67, 827-833.	1.8	19
32	Enantioselective immunoaffinity extraction for simultaneous determination of optically active bufuralol and its metabolites in human plasma by HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 1-9.	2.8	16
33	Separation and Characterization of Carboxyl-linked Glucuronides of Bile Acids in Incubation Mixture of Rat Liver Microsomes. <i>Steroids</i> , 1998, 63, 186-192.	1.8	34
34	Separatory Determination of Bile Acid 3-Sulfates by Liquid Chromatography/Electrospray Ionization Mass Spectrometry. <i>Journal of Mass Spectrometry</i> , 1997, 32, 401-407.	1.6	44
35	Enzyme Immunoassay for Ursodeoxycholic Acid 7-N-Acetylglucosaminides in Human Urine.. <i>Analytical Sciences</i> , 1996, 12, 565-568.	1.6	2
36	Separation and Detection of Bile Acid 3-Glucuronides in Human Urine by Liquid Chromatography/Electrospray Ionization-Mass Spectrometry. , 1996, 10, 313-317.		35

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37	Preparation of Antiserum for Use in the Immunoassay of Unconjugated and Conjugated 4.BETA.-Hydroxycholeic Acids.. Analytical Sciences, 1994, 10, 349-351.	1.6	0
38	Analysis of Conjugated Bile Acids in Human Biological Fluids. Synthesis of Hyodeoxycholic Acid 3- and 6-Glycosides and Related Compounds.. Chemical and Pharmaceutical Bulletin, 1994, 42, 1479-1484.	1.3	17
39	Potential bile acid metabolites. 20. A new synthetic route to stereoisomeric 3,6,-dihydroxy- and 6-hydroxy-5 β -cholanoic acids. Steroids, 1993, 58, 362-369.	1.8	7
40	Potential bile acid metabolites. 19. The epimeric 3 β ,6,7 β -trihydroxy-and 3 β ,6,7 β ,12 β -tetrahydroxy-5 β -cholanoic acids. Steroids, 1993, 58, 148-152.	1.8	4
41	High-Performance Liquid Chromatographic Separation of Bile Acid N-Acetylglucosaminides. Journal of Liquid Chromatography and Related Technologies, 1993, 16, 331-341.	1.0	7
42	Separation and Characterization of Ursodeoxycholate 7-N-Acetylglu-Cosaminides in Human Urine by High-Performance Liquid Chromatography with Fluorescence Detection. Journal of Liquid Chromatography and Related Technologies, 1993, 16, 2531-2544.	1.0	13
43	Potential Bile Acid Metabolites. XXI. A New Synthesis of Allochenodeoxycholic and Allocholeic Acids.. Chemical and Pharmaceutical Bulletin, 1993, 41, 763-765.	1.3	24
44	Separation of Bile Acid N-Acetylglucosaminides by High-Performance Liquid Chromatography with Precolumn Fluorescence Labeling. Analytical Sciences, 1992, 8, 659-662.	1.6	8
45	Induction and inhibition of estradiol hydroxylase activities in MCF-7 human breast cancer cells in culture. Steroids, 1990, 55, 297-302.	1.8	24
46	Determination of estradiol 2- and 16-alpha-hydroxylase activities in MCF-7 human breast cancer cells in culture using radiometric analysis. The Journal of Steroid Biochemistry, 1989, 33, 311-314.	1.1	14
47	Studies on steroids. Journal of Chromatography A, 1987, 400, 215-221.	3.7	12
48	Direct radioimmunoassay for estriol 3-sulfate 16-glucuronide using specific antiserum without deconjugation. Clinica Chimica Acta, 1985, 149, 275-280.	1.1	5
49	Preparation and antigenic properties of estriol 16-glucuronide- and estradiol 17-glucuronide-[C-6]-bovine serum albumin conjugates. The Journal of Steroid Biochemistry, 1982, 16, 533-538.	1.1	9