

Iddo Z Ben-Dov

List of Publications by Year in descending order

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127
papers

5,448
citations

87888

38
h-index

85541

71
g-index

133
all docs

133
docs citations

133
times ranked

7941
citing authors

#	ARTICLE	IF	CITATIONS
1	The parathyroid is a target organ for FGF23 in rats. <i>Journal of Clinical Investigation</i> , 2007, 117, 4003-8.	8.2	802
2	Predictors of All-Cause Mortality in Clinical Ambulatory Monitoring. <i>Hypertension</i> , 2007, 49, 1235-1241.	2.7	332
3	Comprehensive profiling of circulating microRNA via small RNA sequencing of cDNA libraries reveals biomarker potential and limitations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4255-4260.	7.1	316
4	Dysregulated miRNA biogenesis downstream of cellular stress and ALS-causing mutations: a new mechanism for ALS. <i>EMBO Journal</i> , 2015, 34, 2633-2651.	7.8	176
5	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. <i>Cell</i> , 2019, 177, 231-242.	28.9	152
6	Piezoelectric Immunosensors for Urine Specimens of <i>Chlamydia trachomatis</i> Employing Quartz Crystal Microbalance Microgravimetric Analyses. <i>Analytical Chemistry</i> , 1997, 69, 3506-3512.	6.5	137
7	Acute Hepatitis A Infection in Pregnancy Is Associated With High Rates of Gestational Complications and Preterm Labor. <i>Gastroenterology</i> , 2006, 130, 1129-1134.	1.3	137
8	MicroRNA-21 in Glomerular Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 805-816.	6.1	133
9	Human plasma and serum extracellular small RNA reference profiles and their clinical utility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5334-E5343.	7.1	121
10	Correlation Between Serum Alanine Aminotransferase Activity and Age: An Inverted U Curve Pattern. <i>American Journal of Gastroenterology</i> , 2005, 100, 2201-2204.	0.4	118
11	Blunted Heart Rate Dip During Sleep and All-Cause Mortality. <i>Archives of Internal Medicine</i> , 2007, 167, 2116.	3.8	118
12	Linear relationship between systolic and diastolic blood pressure monitored over 24 h: assessment and correlates. <i>Journal of Hypertension</i> , 2008, 26, 199-209.	0.5	115
13	Development of Amperometric and Microgravimetric Immunosensors and Reversible Immunosensors Using Antigen and Photoisomerizable Antigen Monolayer Electrodes. <i>Journal of the American Chemical Society</i> , 1997, 119, 10467-10478.	13.7	109
14	Increased Parathyroid Hormone Gene Expression in Secondary Hyperparathyroidism of Experimental Uremia Is Reversed by Calcimimetics. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 107-112.	6.1	106
15	Prognostic Value of Masked Uncontrolled Hypertension. <i>Hypertension</i> , 2018, 72, 862-869.	2.7	94
16	ALS Along the Axons – Expression of Coding and Noncoding RNA Differs in Axons of ALS models. <i>Scientific Reports</i> , 2017, 7, 44500.	3.3	92
17	MicroRNA Sequence Profiles of Human Kidney Allografts With or Without Tubulointerstitial Fibrosis. <i>Transplantation</i> , 2012, 94, 1086-1094.	1.0	90
18	Low Alanine Aminotransferase Activity in Older People Is Associated with Greater Long-Term Mortality. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 1719-1724.	2.6	89

#	ARTICLE	IF	CITATIONS
19	Urine MicroRNA as Potential Biomarkers of Autosomal Dominant Polycystic Kidney Disease Progression: Description of miRNA Profiles at Baseline. PLoS ONE, 2014, 9, e86856.	2.5	86
20	The gut microbiome and hypertension. Current Opinion in Nephrology and Hypertension, 2017, 26, 1-8.	2.0	80
21	Evaluation of methodologies for microRNA biomarker detection by next generation sequencing. RNA Biology, 2018, 15, 1133-1145.	3.1	74
22	In Clinical Practice, Masked Hypertension is as Common as Isolated Clinic Hypertension: Predominance of Younger Men. American Journal of Hypertension, 2005, 18, 589-593.	2.0	65
23	Amplified microgravimetric quartz-crystal-microbalance analyses of oligonucleotide complexes: a route to a Tayâ€Sachs biosensor device. Chemical Communications, 1998, , 839-840.	4.1	63
24	The mRNA decay promoting factor Kâ€homology splicing regulator protein postâ€transcriptionally determines parathyroid hormone mRNA levels. FASEB Journal, 2008, 22, 3458-3468.	0.5	60
25	Serum uric acid is a GFR-independent long-term predictor of acute and chronic renal insufficiency: the Jerusalem Lipid Research Clinic cohort study. Nephrology Dialysis Transplantation, 2011, 26, 2558-2566.	0.7	60
26	The Morning Blood Pressure Surge and All-Cause Mortality in Patients Referred for Ambulatory Blood Pressure Monitoring. American Journal of Hypertension, 2011, 24, 796-801.	2.0	59
27	The IL-33-PIN1-IRAK-M axis is critical for type 2 immunity in IL-33-induced allergic airway inflammation. Nature Communications, 2018, 9, 1603.	12.8	58
28	Bioinformatic analysis of barcoded cDNA libraries for small RNA profiling by next-generation sequencing. Methods, 2012, 58, 171-187.	3.8	55
29	Schistosomal miRNAs isolated from Extracellular Vesicles in sera of infected patients; a new tool for diagnosis and follow-up of human schistosomiasis. Journal of Infectious Diseases, 2017, 215, jiw539.	4.0	51
30	Plasma microRNA profiling: Exploring better biomarkers for lymphoma surveillance. PLoS ONE, 2017, 12, e0187722.	2.5	51
31	The association of a simple blood pressure-independent parameter derived from ambulatory blood pressure variability with short-term mortality. Hypertension Research, 2009, 32, 488-495.	2.7	50
32	Reproducibility of white-coat and masked hypertension in ambulatory BP monitoring. International Journal of Cardiology, 2007, 117, 355-359.	1.7	48
33	The predictive value of admission and follow up factor V and VII levels in patients with acute hepatitis and coagulopathy. Journal of Hepatology, 2005, 42, 82-86.	3.7	45
34	Cell and Microvesicle Urine microRNA Deep Sequencing Profiles from Healthy Individuals: Observations with Potential Impact on Biomarker Studies. PLoS ONE, 2016, 11, e0147249.	2.5	44
35	Alterations of microRNAs throughout the malignant evolution of cutaneous squamous cell carcinoma: the role of miR-497 in epithelial to mesenchymal transition of keratinocytes. Oncogene, 2018, 37, 218-230.	5.9	43
36	The white coat phenomenon is benign in referred treated patients: a 14-year ambulatory blood pressure mortality study. Journal of Hypertension, 2008, 26, 699-705.	0.5	41

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37	Reprogramming of the MicroRNA Transcriptome Mediates Resistance to Rapamycin. <i>Journal of Biological Chemistry</i> , 2013, 288, 6034-6044.	3.4	41
38	Serologic response to COVID-19 infection and/or vaccine in cancer patients on active treatment. <i>ESMO Open</i> , 2021, 6, 100283.	4.5	39
39	Circulating microRNAs as biomarkers for rituximab therapy, in neuromyelitis optica (NMO). <i>Journal of Neuroinflammation</i> , 2016, 13, 179.	7.2	38
40	Assessment of Response to a Third Dose of the SARS-CoV-2 BNT162b2 mRNA Vaccine in Patients With Solid Tumors Undergoing Active Treatment. <i>JAMA Oncology</i> , 2022, 8, 300.	7.1	38
41	Microparticles and microRNAs of endothelial progenitor cells ameliorate acute kidney injury. <i>Kidney International</i> , 2012, 82, 375-377.	5.2	37
42	Parathyroid-specific deletion of dicer-dependent microRNAs abrogates the response of the parathyroid to acute and chronic hypocalcemia and uremia. <i>FASEB Journal</i> , 2015, 29, 3964-3976.	0.5	37
43	Regulation of PTH mRNA stability by the calcimimetic R568 and the phosphorus binder lanthanum carbonate in CKD. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F795-F800.	2.7	36
44	Let-7 and MicroRNA-148 Regulate Parathyroid Hormone Levels in Secondary Hyperparathyroidism. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2353-2363.	6.1	36
45	Uraemic hyperparathyroidism causes a reversible inflammatory process of aortic valve calcification in rats. <i>Cardiovascular Research</i> , 2008, 79, 492-499.	3.8	35
46	Blood pressure dipping is reproducible in clinical practice. <i>Blood Pressure Monitoring</i> , 2005, 10, 79-84.	0.8	34
47	Near-Fatal Amitraz Intoxication: The Overlooked Pesticide. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 97, 185-187.	2.5	33
48	Next-Generation Sequencing Identifies a Highly Accurate miRNA Panel That Distinguishes Well-Differentiated Thyroid Cancer from Benign Thyroid Nodules. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 858-863.	2.5	32
49	Electrochemical and Quartz-Crystal-Microbalance Transduction of Light-Controlled Supramolecular Interactions at Monolayer-Functionalized Electrodes. <i>Journal of the American Chemical Society</i> , 1996, 118, 4717-4718.	13.7	31
50	Formation of Supramolecular Donor-acceptor Complexes between Bis(pyridiniummethyl)azobenzenes and Eosin in Solutions and at Solid Interfaces: Transduction into Optical and Microgravimetric Signals. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 147-150.	4.4	31
51	Fibroblast growth factor 23 acts on the parathyroid to decrease parathyroid hormone secretion. <i>Current Opinion in Nephrology and Hypertension</i> , 2008, 17, 363-367.	2.0	31
52	Photochemically-activated electrodes: application in design of reversible immunosensors and antibody patterned interfaces. <i>Biosensors and Bioelectronics</i> , 1997, 12, 627-644.	10.1	29
53	Lanthanum carbonate decreases PTH gene expression with no hepatotoxicity in uraemic rats. <i>Nephrology Dialysis Transplantation</i> , 2006, 22, 362-368.	0.7	29
54	Increased Prevalence of Masked Blood Pressure Elevations in Treated Diabetic Subjects. <i>Archives of Internal Medicine</i> , 2007, 167, 2139.	3.8	26

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55	Sex differences in salt-sensitivity risk approximated from ambulatory blood pressure monitoring and mortality. <i>Journal of Hypertension</i> , 2013, 31, 900-905.	0.5	26
56	Extracellular Vesicle Capture by Antibody of Choice and Enzymatic Release (EV-CATCHER): A customizable purification assay designed for small RNA biomarker identification and evaluation of circulating small EVs. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12110.	12.2	26
57	Carbapenem-resistant <i>Klebsiella pneumoniae</i> is associated with poor outcome in hemodialysis patients. <i>Journal of Infection</i> , 2012, 65, 318-325.	3.3	25
58	Reversal of diet-induced hepatic steatosis by peripheral CB1 receptor blockade in mice is p53/miRNA-22/SIRT1/PPAR α dependent. <i>Molecular Metabolism</i> , 2020, 42, 101087.	6.5	23
59	Sex Differences in Ambulatory Blood Pressure Monitoring. <i>American Journal of Medicine</i> , 2008, 121, 509-514.	1.5	22
60	Microgravimetric quartz-crystal microbalance analysis of cytochrome c interactions with pyridine and pyridine-nitrospiropyran monolayer electrodes: characterization of inter-protein complexes at the functionalized surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 1997, 8, 251-260.	5.0	21
61	Comparison of Systolic Blood Pressure Values Obtained by Photoplethysmography and by Korotkoff Sounds. <i>Sensors</i> , 2013, 13, 14797-14812.	3.8	20
62	Lowering the quantification limit of the Qubit TM RNA HS Assay using RNA spike-in. <i>BMC Molecular Biology</i> , 2015, 16, 9.	3.0	15
63	Evaluation and Adaptation of a Laboratory-Based cDNA Library Preparation Protocol for Retrospective Sequencing of Archived MicroRNAs from up to 35-Year-Old Clinical FFPE Specimens. <i>International Journal of Molecular Sciences</i> , 2017, 18, 627.	4.1	15
64	Post-transcriptional mechanisms regulating parathyroid hormone gene expression in secondary hyperparathyroidism. <i>FEBS Journal</i> , 2020, 287, 2903-2913.	4.7	15
65	How should patients treated with β -blockers be followed? Insights from an ambulatory blood pressure monitoring database. <i>Journal of Hypertension</i> , 2006, 24, 861-865.	0.5	14
66	Ambulatory Arterial Stiffness Index Is Not a Specific Marker of Reduced Arterial Compliance. <i>Hypertension</i> , 2007, 50, e18; author reply e19.	2.7	14
67	Impact of tozinameran (BNT162b2) mRNA vaccine on kidney transplant and chronic dialysis patients: 3-5 months follow-up. <i>Journal of Nephrology</i> , 2022, 35, 153-164.	2.0	14
68	Pulse pressure is more susceptible to the white coat effect than is systolic blood pressure. Observations from real-life ambulatory blood pressure monitoring. <i>American Journal of Hypertension</i> , 2004, 17, 535-539.	2.0	13
69	Normal Ambulatory Blood Pressure: A Clinical-Practice-Based Analysis of Recent American Heart Association Recommendations. <i>American Journal of Medicine</i> , 2006, 119, 69.e13-69.e18.	1.5	12
70	ST-segment elevation post cardioversion: A current of injury without injury. <i>International Journal of Cardiology</i> , 2006, 106, 255-256.	1.7	12
71	Ambulatory blood pressure monitoring in childhood and adult obesity. <i>Current Hypertension Reports</i> , 2009, 11, 133-142.	3.5	12
72	The role of blood pressure variability in misdiagnosed clinic hypertension. <i>Hypertension Research</i> , 2011, 34, 187-192.	2.7	12

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73	Association of Heart Rate With Blood Pressure Variability: Implications for Blood Pressure Measurement. <i>American Journal of Hypertension</i> , 2012, 25, 313-318.	2.0	12
74	miR-191 non-coding RNA in urine cells detects urothelial carcinoma: a pilot study. <i>Biomarkers</i> , 2017, 22, 1-6.	1.9	12
75	Incidental renal artery calcifications: a study of 350 consecutive abdominal computed tomography scans. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2170-2175.	0.7	11
76	Urine cell-free microRNA as biomarkers for transitional cell carcinoma. <i>BMC Research Notes</i> , 2017, 10, 641.	1.4	11
77	Characterizing and classifying neuroendocrine neoplasms through microRNA sequencing and data mining. <i>NAR Cancer</i> , 2020, 2, zcaa009.	3.1	11
78	H3K27Ac modification and gene expression in psoriasis. <i>Journal of Dermatological Science</i> , 2021, 103, 93-100.	1.9	11
79	Response to tozinameran (BNT162b2) booster in twice-vaccinated kidney transplant and maintenance dialysis patients. <i>Journal of Nephrology</i> , 2022, 35, 761-763.	2.0	11
80	Light-stimulated Formation and Dissociation of Supramolecular Donor-Acceptor Complexes between Eosin and Bipyridinium Azobenzenes: Design of Molecular Electronic Devices for the Piezoelectrical Transduction of Recorded Optical Signals. <i>Israel Journal of Chemistry</i> , 1996, 36, 407-419.	2.3	10
81	Daytime sleeping and night-time urinating obscure normal dipping. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 226-227.	0.7	9
82	White-Coat Hypertension Should Not Be Treated in Subjects With Diabetes. <i>Diabetes Care</i> , 2009, 32, S310-S313.	8.6	8
83	Diabetes Mellitus and 24-Hour Ambulatory Blood Pressure Monitoring. <i>Hypertension</i> , 2009, 53, 110-111.	2.7	8
84	The prognostic value of changes in serum ferritin levels during therapy for hepatitis C virus infection. <i>Journal of Medical Virology</i> , 2011, 83, 1262-1268.	5.0	8
85	Aortic Pulse Pressure Amplification Imputed From Simple Clinical Measures Adds to the Ability of Brachial Pressure to Predict Survival. <i>American Journal of Hypertension</i> , 2016, 29, 754-762.	2.0	8
86	Hyperphosphatemia is required for initiation but not propagation of kidney failure-induced calcific aortic valve disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H695-H704.	3.2	8
87	Ambulatory monitoring unmasks hypertension among kidney transplant patients: single center experience and review of the literature. <i>BMC Nephrology</i> , 2019, 20, 284.	1.8	8
88	Lack of association between body-mass index and white-coat hypertension among referred patients. <i>Blood Pressure Monitoring</i> , 2007, 12, 95-99.	0.8	7
89	Serum MicroRNA Transcriptomics and Acute Rejection or Recurrent Hepatitis C Virus in Human Liver Allograft Recipients: A Pilot Study. <i>Transplantation</i> , 2022, 106, 806-820.	1.0	7
90	Bildung supramolekularer Donor-Acceptor-Komplexe zwischen Bis(pyridiniomethyl)-azobenzolen und Eosin in Lösung und an festen Grenzflächen: Umwandlung von Licht in andere optische und in mikrogravimetrische Signale. <i>Angewandte Chemie</i> , 1997, 109, 90-93.	2.0	6

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91	Giardia lamblia miRNAs as a new diagnostic tool for human giardiasis. PLoS Neglected Tropical Diseases, 2019, 13, e0007398.	3.0	6
92	Nondipping in Patients With Hypertension. Hypertension, 2009, 53, e35; author reply e36.	2.7	5
93	Fatal nephrotic syndrome complicating allogeneic stem cell transplantation: a case report. Nephrology Dialysis Transplantation, 2009, 24, 2946-2949.	0.7	5
94	Retrospective MicroRNA Sequencing: Complementary DNA Library Preparation Protocol Using Formalin-fixed Paraffin-embedded RNA Specimens. Journal of Visualized Experiments, 2018, , .	0.3	5
95	Adrenocorticotrophic Hormone Secreting Pheochromocytoma Underlying Glucocorticoid Induced Pheochromocytoma Crisis. Case Reports in Endocrinology, 2018, 2018, 1-4.	0.4	5
96	IL6R is a target of miR-197 in human keratinocytes. Experimental Dermatology, 2020, 30, 1177-1186.	2.9	5
97	NF- κ B activity during pancreas development regulates adult β -cell mass by modulating neonatal β -cell proliferation and apoptosis. Cell Death Discovery, 2021, 7, 2.	4.7	5
98	Renal Effects of Gentamicin in Chronic Bile Duct Ligated Rats. Digestive Diseases and Sciences, 2006, 51, 406-415.	2.3	4
99	Putting a spin on the ambulatory arterial stiffness index. Journal of Hypertension, 2008, 26, 1268-1269.	0.5	4
100	Associations of Arterial Stiffness Indices With Measures of Insulin Resistance and Renal Sodium Reabsorption. American Journal of Hypertension, 2019, 32, 810-812.	2.0	4
101	KIDNEY TRANSPLANTATION UNRAVELING WOLFRAM SYNDROME: A CASE REPORT. Transplantation, 2001, 72, 958-960.	1.0	4
102	Ambulatory blood pressure monitoring may be a prognostic marker in people with heart failure. Evidence-based Cardiovascular Medicine, 2005, 9, 197.	0.0	3
103	Why Choose Serum Cystatin C Levels over Serum Creatinine Levels as a Serologic Marker of Kidney Function?. Annals of Internal Medicine, 2008, 149, 284.	3.9	3
104	Body Mass Index and Ambulatory Blood Pressure Monitoring. Hypertension, 2005, 46, e1; author reply e1-2.	2.7	2
105	Unmasking Hypertension: Are Both Methods Equal?. American Journal of Hypertension, 2005, 18, 779-779.	2.0	2
106	Retinal Vessel Narrowing: A Prehypertensive or Masked Hypertensive State?. Hypertension, 2006, 47, e19; author reply e19.	2.7	2
107	Declining frequency of liver enzyme abnormalities with statins: experience from general practice in Jerusalem. European Journal of Gastroenterology and Hepatology, 2008, 20, 1002-1005.	1.6	2
108	Increased Intervisit Blood Pressure Variability and β -Blockade: Measurement Imprecision Related to Bradycardia?. Hypertension, 2010, 56, e48; author reply e49.	2.7	2

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109	Can Salt Sensitivity of Blood Pressure Be Assessed Without Changing Salt Diet?. Hypertension, 2011, 57, 156-157.	2.7	2
110	Intervisit Blood Pressure Variability and Outcome: Is Heart Rate a Missing Confounder?. Hypertension, 2011, 58, e1; author reply e2.	2.7	2
111	Association of Blood Pressure Variability Ratio With Glomerular Filtration Rate Independent of Blood Pressure and Pulse Wave Velocity. American Journal of Hypertension, 2017, 30, 1177-1188.	2.0	2
112	Plasma microRNA Interindividual Variability in Healthy Individuals, Pregnant Women, and an Individual with a Stably Altered Neuroendocrine Phenotype. Clinical Chemistry, 2021, 67, 1676-1688.	3.2	2
113	Is Siesta Masking Masked Hypertension?. Hypertension, 2007, 49, e25; author reply e26.	2.7	1
114	Referral of Women to Ambulatory Blood Pressure Monitoring. Hypertension, 2011, 57, e26; author reply e27.	2.7	1
115	HYVET Ambulatory Blood Pressure Substudy. Hypertension, 2013, 61, e42.	2.7	1
116	The Morning Blood Pressure Surge and All-Cause Mortality in Patients Referred for Ambulatory Blood Pressure Monitoring. , 0, .		1
117	White-Coat and Masked Hypertension: Selective Elevation of Blood Pressure or an Arbitrarily Partitioned Continuum?. Hypertension, 2006, 48, e8; author reply e9.	2.7	0
118	Nondipping and Impaired Kidney Function: Which Is the Cause?. Archives of Internal Medicine, 2006, 166, 2158.	3.8	0
119	Letter by Ben-Dov and Bursztyn Regarding Article, "Role of Diuretics in the Prevention of Heart Failure: The Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial"; Circulation, 2007, 115, e18; author reply e19.	1.6	0
120	Diurnal variability of hazards. Journal of Hypertension, 2007, 25, 479.	0.5	0
121	Dipping in type II diabetes: autonomic and diuretics. Journal of Hypertension, 2008, 26, 826.	0.5	0
122	Acquired DHA nephropathy in rats. Nephrology Dialysis Transplantation, 2010, 25, 3455-3456.	0.7	0
123	Deep Sequencing of Human Renal Allografts and Discovery of MicroRNA Signatures of Allograft Fibrosis. Transplantation, 2012, 94, 494.	1.0	0
124	A cautious view of the relationship between ambulatory blood pressure monitoring data and salt-sensitivity of blood pressure. Journal of Hypertension, 2013, 31, 1910.	0.5	0
125	OS 09-03 EXTREME DIPPING IS NOT ASSOCIATED WITH INCREASED MORTALITY IN BOTH TREATED AND UNTREATED HYPERTENSIVES. Journal of Hypertension, 2016, 34, e70.	0.5	0
126	The Effect of a 26-Hour Fast in Living Kidney Donors. Transplantation Proceedings, 2021, 53, 2147-2152.	0.6	0

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127	Abstract P6-10-20: Ductal carcinomain situ(DCIS) of the breast: miRNA deregulation correlates with the Oncotype DX risk score. , 2020, , .		0