

# Hans J rgen Nielsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/97544/publications.pdf>

Version: 2024-02-01

38  
papers

3,454  
citations

471509

17  
h-index

345221

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

6155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. <i>Gut</i> , 2017, 66, 70-78.	12.1	865
2	Direct detection of early-stage cancers using circulating tumor DNA. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	808
3	Genome-wide cell-free DNA fragmentation in patients with cancer. <i>Nature</i> , 2019, 570, 385-389.	27.8	764
4	Detection and characterization of lung cancer using cell-free DNA fragmentomes. <i>Nature Communications</i> , 2021, 12, 5060.	12.8	161
5	Diagnostic Accuracy of C-reactive Protein for Intraabdominal Infections After Colorectal Resections. <i>Journal of Gastrointestinal Surgery</i> , 2009, 13, 1599-1606.	1.7	120
6	miRNA profiling of circulating EpCAM <sup>+</sup> extracellular vesicles: promising biomarkers of colorectal cancer. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 31488.	12.2	88
7	Novel DNA methylation biomarkers show high sensitivity and specificity for blood-based detection of colorectal cancer—a clinical biomarker discovery and validation study. <i>Clinical Epigenetics</i> , 2019, 11, 158.	4.1	83
8	Association between plasma concentrations of plasminogen activator inhibitor-1 and survival in patients with colorectal cancer. <i>BMJ: British Medical Journal</i> , 1998, 316, 829-830.	2.3	68
9	Data fusion in metabolomic cancer diagnostics. <i>Metabolomics</i> , 2013, 9, 3-8.	3.0	49
10	The urokinase plasminogen activator receptor in blood from healthy individuals and patients with cancer. <i>Apmis</i> , 1999, 107, 160-167.	2.0	48
11	Serum YKL-40 in Risk Assessment for Colorectal Cancer: A Prospective Study of 4,496 Subjects at Risk of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 621-626.	2.5	45
12	Detection of serological biomarkers by proximity extension assay for detection of colorectal neoplasias in symptomatic individuals. <i>Journal of Translational Medicine</i> , 2013, 11, 253.	4.4	39
13	Seven-year trajectories of body weight, quality of life and comorbidities following Roux-en-Y gastric bypass and sleeve gastrectomy. <i>International Journal of Obesity</i> , 2022, 46, 739-749.	3.4	34
14	Energy intake, nutritional status and weight reduction in patients one year after laparoscopic sleeve gastrectomy. <i>SpringerPlus</i> , 2013, 2, 352.	1.2	24
15	Circulating cell-free nucleosomes as biomarkers for early detection of colorectal cancer. <i>Oncotarget</i> , 2018, 9, 10247-10258.	1.8	24
16	Biomarkers for Early Detection of Colorectal Cancer: The Early Detection Research Network, a Framework for Clinical Translation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2431-2440.	2.5	23
17	Role of the Neutral Amino Acid Transporter SLC7A10 in Adipocyte Lipid Storage, Obesity, and Insulin Resistance. <i>Diabetes</i> , 2021, 70, 680-695.	0.6	21
18	The Prognostic and Predictive Value of Soluble Type IV Collagen in Colorectal Cancer: A Retrospective Multicenter Study. <i>Clinical Cancer Research</i> , 2016, 22, 2427-2434.	7.0	19

#	ARTICLE	IF	CITATIONS
19	Plasma TIMP-1 and CEA as Markers for Detection of Primary Colorectal Cancer: A Prospective Validation Study Including Symptomatic and Non-symptomatic Individuals. <i>Anticancer Research</i> , 2015, 35, 4935-41.	1.1	18
20	Determination of the Complex between Urokinase and Its Type-1 Inhibitor in Plasma from Healthy Donors and Breast Cancer Patients. <i>Clinical Chemistry</i> , 1999, 45, 1206-1213.	3.2	16
21	Measuring ERCC1 protein expression in cancer specimens: Validation of a novel antibody. <i>Scientific Reports</i> , 2014, 4, 4313.	3.3	16
22	COL6A3 expression in adipose tissue cells is associated with levels of the homeobox transcription factor PRRX1. <i>Scientific Reports</i> , 2020, 10, 20164.	3.3	16
23	Protocol Outlines for Parts 1 and 2 of the Prospective Endoscopy III Study for the Early Detection of Colorectal Cancer: Validation of a Concept Based on Blood Biomarkers. <i>JMIR Research Protocols</i> , 2016, 5, e182.	1.0	15
24	Evaluation of a panel of tumor-specific differentially-methylated DNA regions in IRF4, IKZF1 and BCAT1 for blood-based detection of colorectal cancer. <i>Clinical Epigenetics</i> , 2021, 13, 14.	4.1	14
25	Short-term effects of Vertical sleeve gastrectomy and Roux-en-Y gastric bypass on glucose homeostasis. <i>Scientific Reports</i> , 2019, 9, 14817.	3.3	12
26	Enhanced Performance of DNA Methylation Markers by Simultaneous Measurement of Sense and Antisense DNA Strands after Cytosine Conversion. <i>Clinical Chemistry</i> , 2020, 66, 925-933.	3.2	12
27	Plasma levels of OLFM 4 in normals and patients with gastrointestinal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2865-2873.	3.6	9
28	Triage for selection to colonoscopy?. <i>European Journal of Surgical Oncology</i> , 2018, 44, 1539-1541.	1.0	9
29	Age-stratified reference intervals unlock the clinical potential of circulating cell-free DNA as a biomarker of poor outcome for healthy individuals and patients with colorectal cancer. <i>International Journal of Cancer</i> , 2021, 148, 1665-1675.	5.1	9
30	Prognostic utility of serum YKL-40 in patients with cervical cancer. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020, 80, 687-693.	1.2	6
31	Early Detection and Recurrence of Colorectal Adenomas by Combination of Eight Cancer-Associated Biomarkers in Plasma. <i>Clinical and Experimental Gastroenterology</i> , 2020, Volume 13, 273-284.	2.3	4
32	Early detection of colorectal neoplasia: application of a blood-based serological protein test on subjects undergoing population-based screening. <i>British Journal of Cancer</i> , 2022, , .	6.4	4
33	Subtype-Specific Surface Proteins on Adipose Tissue Macrophages and Their Association to Obesity-Induced Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2022, 13, 856530.	3.5	4
34	Early detection of recurrence after curative resection for colorectal cancer – obstacles when using soluble biomarkers?. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 326-333.	1.5	3
35	Circadian, Week-to-Week, and Physical Exercise-Induced Variation of Serum Microfibrillar-Associated Protein 4. <i>Biomarker Insights</i> , 2021, 16, 117727192110163.	2.5	2
36	Evaluation of a 92 multiplex protein panel in detection of colorectal cancer and high-risk adenoma in 784 symptomatic individuals. <i>Cancer Biomarkers</i> , 2021, 32, 73-84.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Increased serological cancer-associated biomarkers and risk of development of primary malignancy after large bowel endoscopy. Scandinavian Journal of Gastroenterology, 2016, 51, 1272-1272.	1.5	0
38	Benefit of EGFR-inhibition therapy for metastatic colorectal cancer patients with KRAS-mutated tumors and high plasma TIMP-1 level: Results from the NORDIC VII study.. Journal of Clinical Oncology, 2014, 32, 3590-3590.	1.6	0