

Ann L Oberg

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

6,156
citations

71102

41
h-index

74163

75
g-index

95
all docs

95
docs citations

95
times ranked

12322
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular senescence mediates fibrotic pulmonary disease. Nature Communications, 2017, 8, 14532.	12.8	1,008
2	Genome-wide association study identifies multiple susceptibility loci for pancreatic cancer. Nature Genetics, 2014, 46, 994-1000.	21.4	294
3	Statistical Design of Quantitative Mass Spectrometry-Based Proteomic Experiments. Journal of Proteome Research, 2009, 8, 2144-2156.	3.7	244
4	Common variation at 2p13.3, 3q29, 7p13 and 17q25.1 associated with susceptibility to pancreatic cancer. Nature Genetics, 2015, 47, 911-916.	21.4	224
5	Detection of early pancreatic ductal adenocarcinoma with thrombospondin-2 and CA19-9 blood markers. Science Translational Medicine, 2017, 9, .	12.4	193
6	Genome-wide meta-analysis identifies five new susceptibility loci for pancreatic cancer. Nature Communications, 2018, 9, 556.	12.8	188
7	Statistical Analysis of Relative Labeled Mass Spectrometry Data from Complex Samples Using ANOVA. Journal of Proteome Research, 2008, 7, 225-233.	3.7	185
8	Tumorgrafts as <i>In Vivo</i> Surrogates for Women with Ovarian Cancer. Clinical Cancer Research, 2014, 20, 1288-1297.	7.0	168
9	Oncolytic Measles Virus Expressing the Sodium Iodide Symporter to Treat Drug-Resistant Ovarian Cancer. Cancer Research, 2015, 75, 22-30.	0.9	157
10	APOBEC3B Upregulation and Genomic Mutation Patterns in Serous Ovarian Carcinoma. Cancer Research, 2013, 73, 7222-7231.	0.9	153
11	Analysis of Heritability and Shared Heritability Based on Genome-Wide Association Studies for Thirteen Cancer Types. Journal of the National Cancer Institute, 2015, 107, djv279.	6.3	152
12	miRNA Expression in Colon Polyps Provides Evidence for a Multihit Model of Colon Cancer. PLoS ONE, 2011, 6, e20465.	2.5	127
13	Prevalence of germ-line mutations in cancer genes among pancreatic cancer patients with a positive family history. Genetics in Medicine, 2018, 20, 119-127.	2.4	109
14	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. Aging, 2014, 6, 575-586.	3.1	107
15	Statistical Design for Biospecimen Cohort Size in Proteomics-based Biomarker Discovery and Verification Studies. Journal of Proteome Research, 2013, 12, 5383-5394.	3.7	103
16	Bevacizumab May Differentially Improve Ovarian Cancer Outcome in Patients with Proliferative and Mesenchymal Molecular Subtypes. Clinical Cancer Research, 2017, 23, 3794-3801.	7.0	103
17	Systems biology approaches to new vaccine development. Current Opinion in Immunology, 2011, 23, 436-443.	5.5	97
18	Subfractionation, characterization, and in-depth proteomic analysis of glomerular membrane vesicles in human urine. Kidney International, 2014, 85, 1225-1237.	5.2	92

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19	Three new pancreatic cancer susceptibility signals identified on chromosomes 1q32.1, 5p15.33 and 8q24.21. <i>Oncotarget</i> , 2016, 7, 66328-66343.	1.8	88
20	Constitutive Interferon Pathway Activation in Tumors as an Efficacy Determinant Following Oncolytic Virotherapy. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1123-1132.	6.3	83
21	Pooled Clustering of High-Grade Serous Ovarian Cancer Gene Expression Leads to Novel Consensus Subtypes Associated with Survival and Surgical Outcomes. <i>Clinical Cancer Research</i> , 2017, 23, 4077-4085.	7.0	80
22	Detection of endometrial cancer via molecular analysis of DNA collected with vaginal tampons. <i>Gynecologic Oncology</i> , 2015, 137, 14-22.	1.4	79
23	Exposure to environmental chemicals and heavy metals, and risk of pancreatic cancer. <i>Cancer Causes and Control</i> , 2015, 26, 1583-1591.	1.8	78
24	Linear Mixed Effects Models. <i>Methods in Molecular Biology</i> , 2007, 404, 213-234.	0.9	75
25	The Impact of Immunosenescence on Humoral Immune Response Variation after Influenza A/H1N1 Vaccination in Older Subjects. <i>PLoS ONE</i> , 2015, 10, e0122282.	2.5	74
26	Metformin Use and Survival of Patients With Pancreatic Cancer: A Cautionary Lesson. <i>Journal of Clinical Oncology</i> , 2016, 34, 1898-1904.	1.6	69
27	Biomarker Discovery and Validation: Statistical Considerations. <i>Journal of Thoracic Oncology</i> , 2021, 16, 537-545.	1.1	66
28	APOBEC3G Expression Correlates with T-Cell Infiltration and Improved Clinical Outcomes in High-grade Serous Ovarian Carcinoma. <i>Clinical Cancer Research</i> , 2016, 22, 4746-4755.	7.0	59
29	Immunosuppressive CD14 ⁺ HLA-DR ^{lo/neg} monocytes are elevated in pancreatic cancer and are primed by tumor-derived exosomes. <i>Oncotimmunology</i> , 2017, 6, e1252013.	4.6	59
30	A Transcriptome-Wide Association Study Identifies Novel Candidate Susceptibility Genes for Pancreatic Cancer. <i>Journal of the National Cancer Institute</i> , 2020, 112, 1003-1012.	6.3	59
31	EUS-guided fine-needle injection of gemcitabine for locally advanced and metastatic pancreatic cancer. <i>Gastrointestinal Endoscopy</i> , 2017, 86, 161-169.	1.0	58
32	In vivo anti-tumor activity of the PARP inhibitor niraparib in homologous recombination deficient and proficient ovarian carcinoma. <i>Gynecologic Oncology</i> , 2016, 143, 379-388.	1.4	57
33	Optimizing Mass Spectrometry Analyses: A Tailored Review on the Utility of Design of Experiments. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 767-785.	2.8	56
34	53BP1 as a potential predictor of response in PARP inhibitor-treated homologous recombination-deficient ovarian cancer. <i>Gynecologic Oncology</i> , 2019, 153, 127-134.	1.4	56
35	Poly(adenosine diphosphate ribose) polymerase inhibitors induce autophagy-mediated drug resistance in ovarian cancer cells, xenografts, and patient-derived xenograft models. <i>Cancer</i> , 2020, 126, 894-907.	4.1	54
36	System-Wide Associations between DNA-Methylation, Gene Expression, and Humoral Immune Response to Influenza Vaccination. <i>PLoS ONE</i> , 2016, 11, e0152034.	2.5	53

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37	Regulatory T cells, inherited variation, and clinical outcome in epithelial ovarian cancer. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1495-1504.	4.2	51
38	Pancreatic cancer: associations of inflammatory potential of diet, cigarette smoking and long-standing diabetes. <i>Carcinogenesis</i> , 2016, 37, 481-490.	2.8	50
39	Marked Up-Regulation of ACE2 in Hearts of Patients With Obstructive Hypertrophic Cardiomyopathy: Implications for SARS-CoV-2-Mediated COVID-19. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1354-1368.	3.0	49
40	Analysis of Heritability and Genetic Architecture of Pancreatic Cancer: A PanC4 Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1238-1245.	2.5	48
41	TP53 mutations, tetraploidy and homologous recombination repair defects in early stage high-grade serous ovarian cancer. <i>Nucleic Acids Research</i> , 2015, 43, 6945-6958.	14.5	46
42	Challenges and Opportunities in Clinical Applications of Blood-Based Proteomics in Cancer. <i>Cancers</i> , 2020, 12, 2428.	3.7	46
43	The DNA Cytosine Deaminase APOBEC3B is a Molecular Determinant of Platinum Responsiveness in Clear Cell Ovarian Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 3397-3407.	7.0	45
44	EGFR as a prognostic biomarker and therapeutic target in ovarian cancer: evaluation of patient cohort and literature review. <i>Genes and Cancer</i> , 2017, 8, 589-599.	1.9	45
45	Technical and biological variance structure in mRNA-Seq data: life in the real world. <i>BMC Genomics</i> , 2012, 13, 304.	2.8	42
46	Statistical methods for quantitative mass spectrometry proteomic experiments with labeling. <i>BMC Bioinformatics</i> , 2012, 13, S7.	2.6	42
47	Immunosenescence-Related Transcriptomic and Immunologic Changes in Older Individuals Following Influenza Vaccination. <i>Frontiers in Immunology</i> , 2016, 7, 450.	4.8	40
48	BRCA1 Deficiency Upregulates NNMT, Which Reprograms Metabolism and Sensitizes Ovarian Cancer Cells to Mitochondrial Metabolic Targeting Agents. <i>Cancer Research</i> , 2019, 79, 5920-5929.	0.9	40
49	Genes associated with bowel metastases in ovarian cancer. <i>Gynecologic Oncology</i> , 2019, 154, 495-504.	1.4	40
50	Transcriptional signatures of influenza A/H1N1-specific IgG memory-like B cell response in older individuals. <i>Vaccine</i> , 2016, 34, 3993-4002.	3.8	39
51	Molecular characterization of colorectal adenomas with and without malignancy reveals distinguishing genome, transcriptome and methylome alterations. <i>Scientific Reports</i> , 2018, 8, 3161.	3.3	35
52	Plasma immune analytes in patients with epithelial ovarian cancer. <i>Cytokine</i> , 2015, 73, 108-113.	3.2	31
53	Differential co-expression network centrality and machine learning feature selection for identifying susceptibility hubs in networks with scale-free structure. <i>BioData Mining</i> , 2015, 8, 5.	4.0	30
54	Integration of Immune Cell Populations, mRNA-Seq, and CpG Methylation to Better Predict Humoral Immunity to Influenza Vaccination: Dependence of mRNA-Seq/CpG Methylation on Immune Cell Populations. <i>Frontiers in Immunology</i> , 2017, 8, 445.	4.8	29

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55	Colonoscopy surveillance for high risk polyps does not always prevent colorectal cancer. <i>World Journal of Gastroenterology</i> , 2018, 24, 905-916.	3.3	28
56	Loss of HSulf-1 promotes altered lipid metabolism in ovarian cancer. <i>Cancer & Metabolism</i> , 2014, 2, 13.	5.0	27
57	Multioomic analysis identifies CPT1A as a potential therapeutic target in platinum-refractory, high-grade serous ovarian cancer. <i>Cell Reports Medicine</i> , 2021, 2, 100471.	6.5	26
58	Gene signatures related to HAI response following influenza A/H1N1 vaccine in older individuals. <i>Heliyon</i> , 2016, 2, e00098.	3.2	25
59	Lessons learned in the analysis of high-dimensional data in vaccinomics. <i>Vaccine</i> , 2015, 33, 5262-5270.	3.8	24
60	Pancreatic cancer risk is modulated by inflammatory potential of diet and ABO genotype: a consortia-based evaluation and replication study. <i>Carcinogenesis</i> , 2018, 39, 1056-1067.	2.8	23
61	Serine protease inhibitor Kazal type 1 (SPINK1) drives proliferation and anoikis resistance in a subset of ovarian cancers. <i>Oncotarget</i> , 2015, 6, 35737-35754.	1.8	23
62	ZC3H18 specifically binds and activates the BRCA1 promoter to facilitate homologous recombination in ovarian cancer. <i>Nature Communications</i> , 2019, 10, 4632.	12.8	21
63	Agnostic Pathway/Gene Set Analysis of Genome-Wide Association Data Identifies Associations for Pancreatic Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 557-567.	6.3	21
64	Whole Transcriptome Profiling Identifies CD93 and Other Plasma Cell Survival Factor Genes Associated with Measles-Specific Antibody Response after Vaccination. <i>PLoS ONE</i> , 2016, 11, e0160970.	2.5	20
65	The composition of immune cells serves as a predictor of adaptive immunity in a cohort of 50- to 74-year-old adults. <i>Immunology</i> , 2016, 148, 266-275.	4.4	19
66	Group III phospholipase A2 downregulation attenuated survival and metastasis in ovarian cancer and promotes chemo-sensitization. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 182.	8.6	18
67	Impaired innate, humoral, and cellular immunity despite a take in smallpox vaccine recipients. <i>Vaccine</i> , 2016, 34, 3283-3290.	3.8	16
68	Assessment of published models and prognostic variables in epithelial ovarian cancer at Mayo Clinic. <i>Gynecologic Oncology</i> , 2015, 137, 77-85.	1.4	15
69	Polymorphisms in STING Affect Human Innate Immune Responses to Poxviruses. <i>Frontiers in Immunology</i> , 2020, 11, 567348.	4.8	15
70	Statistical modeling using early markers of innate immunity to explain variation in humoral responses to influenza vaccine in older adults. <i>Vaccine</i> , 2015, 33, 3682-3688.	3.8	13
71	THBS2/CA19-9 Detecting Pancreatic Ductal Adenocarcinoma at Diagnosis Underperforms in Prediagnostic Detection: Implications for Biomarker Advancement. <i>Cancer Prevention Research</i> , 2021, 14, 223-232.	1.5	13
72	Recursive Indirect-Paths Modularity (RIP-M) for Detecting Community Structure in RNA-Seq Co-expression Networks. <i>Frontiers in Genetics</i> , 2016, 7, 80.	2.3	12

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73	Genetically Predicted Telomere Length is not Associated with Pancreatic Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 971-974.	2.5	11
74	Time Lapse to Colorectal Cancer: Telomere Dynamics Define the Malignant Potential of Polyps. <i>Clinical and Translational Gastroenterology</i> , 2016, 7, e188.	2.5	10
75	Risk of Different Cancers Among First-degree Relatives of Pancreatic Cancer Patients: Influence of Proband's Susceptibility Gene Mutation Status. <i>Journal of the National Cancer Institute</i> , 2019, 111, 264-271.	6.3	10
76	Co-expression patterns of chimeric antigen receptor (CAR)-T cell target antigens in primary and recurrent ovarian cancer. <i>Gynecologic Oncology</i> , 2021, 160, 520-529.	1.4	10
77	Association between Alcohol Consumption, Folate Intake, and Risk of Pancreatic Cancer: A Case-Control Study. <i>Nutrients</i> , 2017, 9, 0448.	4.1	9
78	Serum Proteomics on the Basis of Discovery of Predictive Biomarkers of Response to Androgen Deprivation Therapy in Advanced Prostate Cancer. <i>Clinical Genitourinary Cancer</i> , 2019, 17, 248-253.e7.	1.9	9
79	Statistical analysis of comparative tumor growth repeated measures experiments in the ovarian cancer patient derived xenograft (PDX) setting. <i>Scientific Reports</i> , 2021, 11, 8076.	3.3	9
80	Hepcidin-regulating iron metabolism genes and pancreatic ductal adenocarcinoma: a pathway analysis of genome-wide association studies. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1408-1417.	4.7	9
81	Optimizing high dimensional gene expression studies for immune response following smallpox vaccination using Taqman [®] Low density immune arrays. <i>Journal of Immunological Methods</i> , 2011, 366, 69-78.	1.4	8
82	The Integration of Epistasis Network and Functional Interactions in a GWAS Implicates RXR Pathway Genes in the Immune Response to Smallpox Vaccine. <i>PLoS ONE</i> , 2016, 11, e0158016.	2.5	8
83	Smoking Modifies Pancreatic Cancer Risk Loci on 2q21.3. <i>Cancer Research</i> , 2021, 81, 3134-3143.	0.9	8
84	Repurposing Ceritinib Induces DNA Damage and Enhances PARP Inhibitor Responses in High-Grade Serous Ovarian Carcinoma. <i>Cancer Research</i> , 2022, 82, 307-319.	0.9	8
85	Mendelian Randomization Analysis of n-6 Polyunsaturated Fatty Acid Levels and Pancreatic Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2735-2739.	2.5	6
86	Detection of DNA damage in peripheral blood mononuclear cells from pancreatic cancer patients. <i>Molecular Carcinogenesis</i> , 2015, 54, 1220-1226.	2.7	5
87	Genome-Wide Gene-Diabetes and Gene-Obesity Interaction Scan in 8,255 Cases and 11,900 Controls from PanScan and PanC4 Consortia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1784-1791.	2.5	5
88	Genome-Wide Association Study Data Reveal Genetic Susceptibility to Chronic Inflammatory Intestinal Diseases and Pancreatic Ductal Adenocarcinoma Risk. <i>Cancer Research</i> , 2020, 80, 4004-4013.	0.9	5
89	Leukocyte Telomere Length and Its Interaction with Germline Variation in Telomere-Related Genes in Relation to Pancreatic Adenocarcinoma Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1492-1500.	2.5	5
90	Influence of Cancer Susceptibility Gene Mutations and ABO Blood Group of Pancreatic Cancer Proband on Concomitant Risk to First-Degree Relatives. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 372-381.	2.5	3

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91	Shorter Treatment-Na ⁺ Leukocyte Telomere Length is Associated with Poorer Overall Survival of Patients with Pancreatic Ductal Adenocarcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 210-216.	2.5	2
92	Experimental Design of Preclinical Experiments: Number of PDX Lines versus Subsampling within PDX Lines. <i>Neuro-Oncology</i> , 2021, 23, 2066-2075.	1.2	1
93	Machine-learning aided in situ drug sensitivity screening predicts treatment outcomes in ovarian PDX tumors. <i>Translational Oncology</i> , 2022, 21, 101427.	3.7	1
94	CHFR and Paclitaxel Sensitivity of Ovarian Cancer. <i>Cancers</i> , 2021, 13, 6043.	3.7	0