

Erik H Aarntzen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4219648/publications.pdf>

Version: 2024-02-01

86
papers

3,329
citations

159585

30
h-index

155660

55
g-index

91
all docs

91
docs citations

91
times ranked

4456
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Human Plasmacytoid Dendritic Cells Induce Antigen-Specific T-Cell Responses in Melanoma Patients. <i>Cancer Research</i> , 2013, 73, 1063-1075.	0.9	295
2	Effective Clinical Responses in Metastatic Melanoma Patients after Vaccination with Primary Myeloid Dendritic Cells. <i>Clinical Cancer Research</i> , 2016, 22, 2155-2166.	7.0	211
3	Limited Amounts of Dendritic Cells Migrate into the T-Cell Area of Lymph Nodes but Have High Immune Activating Potential in Melanoma Patients. <i>Clinical Cancer Research</i> , 2009, 15, 2531-2540.	7.0	172
4	Route of Administration Modulates the Induction of Dendritic Cell Vaccine-Induced Antigen-Specific T Cells in Advanced Melanoma Patients. <i>Clinical Cancer Research</i> , 2011, 17, 5725-5735.	7.0	158
5	Maturation of monocyte-derived dendritic cells with Toll-like receptor 3 and 7/8 ligands combined with prostaglandin E2 results in high interleukin-12 production and cell migration. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1589-1597.	4.2	141
6	Improving the Diagnostic Performance of ¹⁸ F-Fluorodeoxyglucose Positron-Emission Tomography/Computed Tomography in Prosthetic Heart Valve Endocarditis. <i>Circulation</i> , 2018, 138, 1412-1427.	1.6	138
7	Targeting CD4+ T-Helper Cells Improves the Induction of Antitumor Responses in Dendritic Cell-Based Vaccination. <i>Cancer Research</i> , 2013, 73, 19-29.	0.9	131
8	Functional T Cells Targeting NY-ESO-1 or Melan-A Are Predictive for Survival of Patients With Distant Melanoma Metastasis. <i>Journal of Clinical Oncology</i> , 2012, 30, 1835-1841.	1.6	112
9	A comparison of the diagnostic value of MRI and 18F-FDG-PET/CT in suspected spondylodiscitis. <i>Infection</i> , 2017, 45, 41-49.	4.7	90
10	Vaccination with mRNA-Electroporated Dendritic Cells Induces Robust Tumor Antigen-Specific CD4+ and CD8+ T Cells Responses in Stage III and IV Melanoma Patients. <i>Clinical Cancer Research</i> , 2012, 18, 5460-5470.	7.0	86
11	Imaging of T-cells and their responses during anti-cancer immunotherapy. <i>Theranostics</i> , 2019, 9, 7924-7947.	10.0	77
12	Blood-derived dendritic cell vaccinations induce immune responses that correlate with clinical outcome in patients with chemo-naïve castration-resistant prostate cancer. , 2019, 7, 302.		72
13	¹⁸ F-FDG PET/CT Optimizes Treatment in <i>Staphylococcus Aureus</i> Bacteremia and Is Associated with Reduced Mortality. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1504-1510.	5.0	70
14	Favorable overall survival in stage III melanoma patients after adjuvant dendritic cell vaccination. <i>Oncolimmunology</i> , 2016, 5, e1057673.	4.6	67
15	Immunogenicity of dendritic cells pulsed with CEA peptide or transfected with CEA mRNA for vaccination of colorectal cancer patients. <i>Anticancer Research</i> , 2010, 30, 5091-7.	1.1	67
16	Early identification of antigen-specific immune responses in vivo by [¹⁸ F]-labeled 3- ¹⁸ F-fluoro-3-deoxy-thymidine ([¹⁸ F]FLT) PET imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18396-18399.	7.1	65
17	Positron Emission Tomography/Computed Tomography with 89Zr-girentuximab Can Aid in Diagnostic Dilemmas of Clear Cell Renal Cell Carcinoma Suspicion. <i>European Urology</i> , 2018, 74, 257-260.	1.9	65
18	Maximizing dendritic cell migration in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 865-874.	3.1	59

#	ARTICLE	IF	CITATIONS
19	Targeting of ¹¹¹ In-Labeled Dendritic Cell Human Vaccines Improved by Reducing Number of Cells. <i>Clinical Cancer Research</i> , 2013, 19, 1525-1533.	7.0	58
20	In situ Expression of Tumor Antigens by Messenger RNA—Electroporated Dendritic Cells in Lymph Nodes of Melanoma Patients. <i>Cancer Research</i> , 2009, 69, 2927-2934.	0.9	56
21	Intranodal vaccination with mRNA-optimized dendritic cells in metastatic melanoma patients. <i>OncoImmunology</i> , 2015, 4, e1019197.	4.6	55
22	Long-lasting multifunctional CD8 ⁺ T cell responses in end-stage melanoma patients can be induced by dendritic cell vaccination. <i>OncoImmunology</i> , 2016, 5, e1067745.	4.6	55
23	Long Overall Survival After Dendritic Cell Vaccination in Metastatic Uveal Melanoma Patients. <i>American Journal of Ophthalmology</i> , 2014, 158, 939-947.e5.	3.3	53
24	Lesion detection by [⁸⁹ Zr]Zr-DFO-girentuximab and [¹⁸ F]FDG-PET/CT in patients with newly diagnosed metastatic renal cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1931-1939.	6.4	53
25	Skin-Test Infiltrating Lymphocytes Early Predict Clinical Outcome of Dendritic Cell—Based Vaccination in Metastatic Melanoma. <i>Cancer Research</i> , 2012, 72, 6102-6110.	0.9	50
26	Prophylactic vaccines are potent activators of monocyte-derived dendritic cells and drive effective anti-tumor responses in melanoma patients at the cost of toxicity. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 327-339.	4.2	50
27	Autologous monocyte-derived DC vaccination combined with cisplatin in stage III and IV melanoma patients: a prospective, randomized phase 2 trial. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 477-488.	4.2	42
28	¹⁸ F-fluorodeoxyglucose positron-emission tomography combined with computed tomography as a diagnostic tool in native valve endocarditis. <i>Nuclear Medicine Communications</i> , 2018, 39, 747-752.	1.1	37
29	Circulating CD4 ⁺ T Cells That Produce IL4 or IL17 When Stimulated by Melan-A but Not by NY-ESO-1 Have Negative Impacts on Survival of Patients with Stage IV Melanoma. <i>Clinical Cancer Research</i> , 2014, 20, 4390-4399.	7.0	36
30	Programmed Cell Death-1/Ligand-1 PET Imaging. <i>PET Clinics</i> , 2020, 15, 35-43.	3.0	34
31	The Potential of In Vivo Imaging for Optimization of Molecular and Cellular Anti-cancer Immunotherapies. <i>Molecular Imaging and Biology</i> , 2018, 20, 696-704.	2.6	30
32	Vaccine-specific local T cell reactivity in immunotherapy-associated vitiligo in melanoma patients. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 145-151.	4.2	29
33	PD-L1 microSPECT/CT Imaging for Longitudinal Monitoring of PD-L1 Expression in Syngeneic and Humanized Mouse Models for Cancer. <i>Cancer Immunology Research</i> , 2019, 7, 150-161.	3.4	29
34	Progranulin mediates immune evasion of pancreatic ductal adenocarcinoma through regulation of MHCII expression. <i>Nature Communications</i> , 2022, 13, 156.	12.8	28
35	¹⁸ F-FDG PET/CT—Guided Treatment Duration in Patients with High-Risk <i>Staphylococcus Aureus</i> Bacteremia: A Proof of Principle. <i>Journal of Nuclear Medicine</i> , 2019, 60, 998-1002.	5.0	27
36	Arterial Wall Inflammation and Increased Hematopoietic Activity in Patients With Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1967-e1980.	3.6	27

#	ARTICLE	IF	CITATIONS
37	Immune-related Adverse Events of Dendritic Cell Vaccination Correlate With Immunologic and Clinical Outcome in Stage III and IV Melanoma Patients. <i>Journal of Immunotherapy</i> , 2016, 39, 241-248.	2.4	26
38	Polyinosinic polycytidylic acid prevents efficient antigen expression after mRNA electroporation of clinical grade dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1109-1115.	4.2	25
39	^{99m} Tc-CXCL8 SPECT to Monitor Disease Activity in Inflammatory Bowel Disease. <i>Journal of Nuclear Medicine</i> , 2016, 57, 398-403.	5.0	25
40	Humoral anti-KLH responses in cancer patients treated with dendritic cell-based immunotherapy are dictated by different vaccination parameters. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 2003-2011.	4.2	24
41	Early Recurrence in Completely Resected IIIB and IIIC Melanoma Warrants Restaging Prior to Adjuvant Therapy. <i>Annals of Surgical Oncology</i> , 2019, 26, 3945-3952.	1.5	24
42	Tracers for non-invasive radionuclide imaging of immune checkpoint expression in cancer. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 29.	3.9	23
43	Intravenous to Oral Switch in Complicated <i>Staphylococcus aureus</i> Bacteremia Without Endovascular Infection: A Retrospective Single-Center Cohort Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 895-898.	5.8	23
44	Reprogramming of bone marrow myeloid progenitor cells in patients with severe coronary artery disease. <i>ELife</i> , 2020, 9, .	6.0	23
45	In vivo imaging of therapy-induced anti-cancer immune responses in humans. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2237-2257.	5.4	21
46	Succinylated Gelatin Improves the Theranostic Potential of Radiolabeled Exendin-4 in Insulinoma Patients. <i>Journal of Nuclear Medicine</i> , 2019, 60, 812-816.	5.0	21
47	Reducing cell number improves the homing of dendritic cells to lymph nodes upon intradermal vaccination. <i>Oncolmmunology</i> , 2013, 2, e24661.	4.6	20
48	In Vivo Tracking Techniques for Cellular Regeneration, Replacement, and Redirection. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1825-1828.	5.0	19
49	In-vivo imaging of tumor-infiltrating immune cells: implications for cancer immunotherapy. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 62, 56-77.	0.7	19
50	Adjuvant dendritic cell vaccination induces tumor-specific immune responses in the majority of stage III melanoma patients. <i>Oncolmmunology</i> , 2016, 5, e1191732.	4.6	17
51	¹⁸ F-FDG PET/CT in Local Ablative Therapies: A Systematic Review. <i>Journal of Nuclear Medicine</i> , 2018, 59, 551-556.	5.0	16
52	Multimodal CEA-targeted fluorescence and radioguided cytoreductive surgery for peritoneal metastases of colorectal origin. <i>Nature Communications</i> , 2022, 13, 2621.	12.8	14
53	Imaging angiogenesis in patients with head and neck squamous cell carcinomas by [⁶⁸ Ga]Ga-DOTA-E-[c(RGDfK)] ₂ PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2647-2655.	6.4	13
54	An Explorative Study on Monocyte Reprogramming in the Context of Periodontitis In Vitro and In Vivo. <i>Frontiers in Immunology</i> , 2021, 12, 695227.	4.8	13

#	ARTICLE	IF	CITATIONS
55	[18F]FDG PET/CT in the staging of inflammatory breast cancer: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 151, 102943.	4.4	12
56	Importance of helper T-cell activation in dendritic cell-based anticancer immunotherapy. <i>Oncolimmunology</i> , 2013, 2, e24440.	4.6	11
57	18F-FDG PET/CT of Multiorgan Sarcoid-Like Reaction During Anti-“PD-1 Treatment for Melanoma. <i>Clinical Nuclear Medicine</i> , 2019, 44, 905-906.	1.3	11
58	Phenotypic and functional characterization of mature dendritic cells from pediatric cancer patients. <i>Pediatric Blood and Cancer</i> , 2007, 49, 924-927.	1.5	10
59	Everolimus Exposure and Early Metabolic Response as Predictors of Treatment Outcomes in Breast Cancer Patients Treated with Everolimus and Exemestane. <i>Targeted Oncology</i> , 2018, 13, 641-648.	3.6	10
60	Quantitative CT perfusion imaging in patients with pancreatic cancer: a systematic review. <i>Abdominal Radiology</i> , 2022, 47, 3101-3117.	2.1	9
61	Optimal respiratory-gated [18F]FDG PET/CT significantly impacts the quantification of metabolic parameters and their correlation with overall survival in patients with pancreatic ductal adenocarcinoma. <i>EJNMMI Research</i> , 2019, 9, 24.	2.5	7
62	A Clinical Feasibility Study to Image Angiogenesis in Patients with Arteriovenous Malformations Using ⁶⁸ Ga-RGD PET/CT. <i>Journal of Nuclear Medicine</i> , 2020, 61, 270-275.	5.0	7
63	Characterization of Intrinsically Radiolabeled Poly(lactic-co-glycolic acid) Nanoparticles for ex Vivo Autologous Cell Labeling and in Vivo Tracking. <i>Bioconjugate Chemistry</i> , 2021, 32, 1802-1811.	3.6	7
64	The diagnostic value of [18F]FDG-PET/CT in detecting septic thrombosis in patients with central venous catheter-related <i>Staphylococcus aureus</i> bacteremia. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112296.	5.6	7
65	Individualizing the use of [18F]FDG-PET/CT in patients with complicated <i>Staphylococcus aureus</i> bacteremia: experiences from a tertiary care center. <i>Infection</i> , 2022, 50, 491-498.	4.7	7
66	The Influence of the Exclusion of Central Necrosis on [18F]FDG PET Radiomic Analysis. <i>Diagnostics</i> , 2021, 11, 1296.	2.6	6
67	EANM recommendations based on systematic analysis of small animal radionuclide imaging in inflammatory musculoskeletal diseases. <i>EJNMMI Research</i> , 2021, 11, 85.	2.5	6
68	PD-L1 Antibody Pharmacokinetics and Tumor Targeting in Mouse Models for Infectious Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 837370.	4.8	5
69	⁸⁹ Zr-durvalumab PD-L1 PET in recurrent or metastatic (R/M) squamous cell carcinoma of the head and neck. <i>Journal of Clinical Oncology</i> , 2020, 38, 3573-3573.	1.6	4
70	In Vivo PET Imaging of Monocytes Labeled with [⁸⁹ Zr]Zr-PLGA-NH ₂ Nanoparticles in Tumor and <i>Staphylococcus aureus</i> Infection Models. <i>Cancers</i> , 2021, 13, 5069.	3.7	4
71	Insight into the dynamics, localization and magnitude of antigen-specific immune responses by [18F]FLT PET imaging. <i>Oncolimmunology</i> , 2012, 1, 744-745.	4.6	3
72	Early predictive value of multifunctional skin-infiltrating lymphocytes in anticancer immunotherapy. <i>Oncolimmunology</i> , 2014, 3, e27219.	4.6	3

#	ARTICLE	IF	CITATIONS
73	Natural dendritic cell vaccinations generate immune responses that correlate with clinical outcome in patients with chemo-naive castration-resistant prostate cancer. <i>Annals of Oncology</i> , 2019, 30, v480.	1.2	2
74	Myeloid and plasmacytoid dendritic cell vaccinations for castration-resistant prostate cancer patients.. <i>Journal of Clinical Oncology</i> , 2018, 36, 219-219.	1.6	2
75	Imaging the Rewired Metabolism in Lung Cancer in Relation to Immune Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 786089.	2.8	2
76	Prediction of watchful waiting in newly diagnosed metastatic clear cell renal cell carcinoma patients with a good or intermediate prognosis.. <i>Journal of Clinical Oncology</i> , 2020, 38, 5079-5079.	1.6	1
77	Management of Respiratory Motion Artefacts in ¹⁸ F-fluorodeoxyglucose Positron Emission Tomography using an Amplitude-Based Optimal Respiratory Gating Algorithm. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1
78	Inflammation and Immune Metabolism. , 2018, , 155-173.		0
79	PD-L1 microSPECT/CT imaging for longitudinal monitoring of PD-L1 expression in syngeneic and humanized mouse models for cancer. <i>Annals of Oncology</i> , 2018, 29, x7.	1.2	0
80	Lesion detection by ceCT, 89Zr-girentuximab and FDG PET/CT in newly diagnosed patients (pts) with metastatic clear cell renal cell carcinoma (mccRCC). <i>Annals of Oncology</i> , 2018, 29, viii314-viii315.	1.2	0
81	Growth differentiation factor 15 levels are similar in primary aldosteronism and essential hypertension and do not predict arterial inflammation. <i>Journal of Hypertension</i> , 2021, 39, 593-596.	0.5	0
82	Molecular Imaging of Diabetes. , 2021, , 1415-1431.		0
83	Abstract B077: Non-invasive imaging of the PD-1/PD-L1 pathway in syngeneic murine tumor models. , 2016, , .		0
84	Everolimus exposure and early metabolic response as predictors for treatment outcomes in breast cancer patients treated with everolimus and exemestane.. <i>Journal of Clinical Oncology</i> , 2018, 36, 1062-1062.	1.6	0
85	OR04-2 Aldosterone Induces Trained Immunity via Fatty Acid Synthesis. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
86	Toward a Better Understanding of Immune Checkpoint Inhibitor Radiolabeled PET Imaging Studies. <i>Journal of Nuclear Medicine</i> , 2022, 63, 359-361.	5.0	0