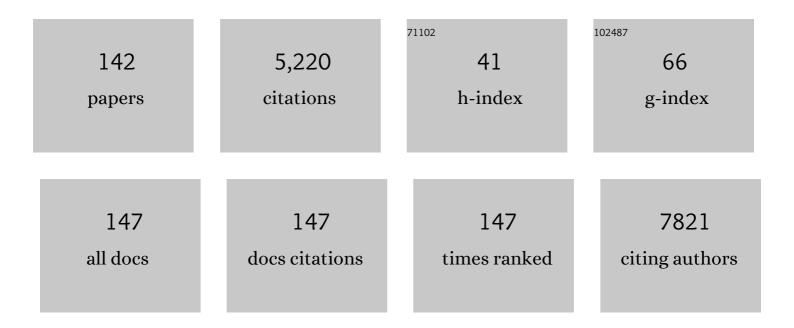
Sophia Karagiannis

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4359258/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Targeting folate receptor alpha for cancer treatment. Oncotarget, 2016, 7, 52553-52574.	1.8	308
2	Resident CD141 (BDCA3)+ dendritic cells in human skin produce IL-10 and induce regulatory T cells that suppress skin inflammation. Journal of Experimental Medicine, 2012, 209, 935-945.	8.5	212
3	AllergoOncology: the role of IgEâ€mediated allergy in cancer. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1255-1266.	5.7	192
4	IgG4 subclass antibodies impair antitumor immunity in melanoma. Journal of Clinical Investigation, 2013, 123, 1457-1474.	8.2	181
5	Combining Immune Checkpoint Inhibitors: Established and Emerging Targets and Strategies to Improve Outcomes in Melanoma. Frontiers in Immunology, 2019, 10, 453.	4.8	177
6	Diverse matrix metalloproteinase functions regulate cancer amoeboid migration. Nature Communications, 2014, 5, 4255.	12.8	140
7	An Atlas of Human Regulatory T Helper-like Cells Reveals Features of Th2-like Tregs that Support a Tumorigenic Environment. Cell Reports, 2017, 20, 757-770.	6.4	118
8	IgE-Antibody-Dependent Immunotherapy of Solid Tumors: Cytotoxic and Phagocytic Mechanisms of Eradication of Ovarian Cancer Cells. Journal of Immunology, 2007, 179, 2832-2843.	0.8	117
9	Characterisation of an engineered trastuzumab IgE antibody and effector cell mechanisms targeting HER2/neu-positive tumour cells. Cancer Immunology, Immunotherapy, 2009, 58, 915-930.	4.2	117
10	Antibody structure and engineering considerations for the design and function of Antibody Drug Conjugates (ADCs). Oncolmmunology, 2018, 7, e1395127.	4.6	117
11	Regional Activation of Myosin II in Cancer Cells Drives Tumor Progression via a Secretory Cross-Talk with the Immune Microenvironment. Cell, 2019, 176, 757-774.e23.	28.9	117
12	Activity of human monocytes in IgE antibody-dependent surveillance and killing of ovarian tumor cells. European Journal of Immunology, 2003, 33, 1030-1040.	2.9	106
13	TGF-β-Induced Transcription Sustains Amoeboid Melanoma Migration and Dissemination. Current Biology, 2015, 25, 2899-2914.	3.9	106
14	Comparison of IgE and IgG antibody-dependent cytotoxicityin vitro and in a SCID mouse xenograft model of ovarian carcinoma. European Journal of Immunology, 1999, 29, 3527-3537.	2.9	104
15	Acute Immune Signatures and Their Legacies in Severe Acute Respiratory Syndrome Coronavirus-2 Infected Cancer Patients. Cancer Cell, 2021, 39, 257-275.e6.	16.8	93
16	Myosin II Reactivation and Cytoskeletal Remodeling as a Hallmark and a Vulnerability in Melanoma Therapy Resistance. Cancer Cell, 2020, 37, 85-103.e9.	16.8	91
17	Chondroitin Sulfate Proteoglycan 4 and Its Potential As an Antibody Immunotherapy Target across Different Tumor Types. Frontiers in Immunology, 2017, 8, 1911.	4.8	87
18	A tool kit for rapid cloning and expression of recombinant antibodies. Scientific Reports, 2014, 4, 5885.	3.3	85

SOPHIA KARAGIANNIS

#	Article	IF	CITATIONS
19	lgG4 Characteristics and Functions in Cancer Immunity. Current Allergy and Asthma Reports, 2016, 16, 7.	5.3	76
20	BRAF inhibitors: resistance and the promise of combination treatments for melanoma. Oncotarget, 2017, 8, 78174-78192.	1.8	75
21	Epidemiological associations of allergy, IgE and cancer. Clinical and Experimental Allergy, 2013, 43, 1110-1123.	2.9	73
22	Effects of <i>BRAF</i> Mutations and <i>BRAF</i> Inhibition on Immune Responses to Melanoma. Molecular Cancer Therapeutics, 2014, 13, 2769-2783.	4.1	73
23	Revisiting the role of B cells in skin immune surveillance. Trends in Immunology, 2015, 36, 102-111.	6.8	73
24	Monitoring the Systemic Human Memory B Cell Compartment of Melanoma Patients for Anti-Tumor IgG Antibodies. PLoS ONE, 2011, 6, e19330.	2.5	72
25	Combined antiâ€PDâ€1 and antiâ€CTLAâ€4 checkpoint blockade: Treatment of melanoma and immune mechanis of action. European Journal of Immunology, 2021, 51, 544-556.	ms 2.9	71
26	AllergoOncology – the impact of allergy in oncology: <scp>EAACI</scp> position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 866-887.	5.7	68
27	Role of IgE receptors in IgE antibody-dependent cytotoxicity and phagocytosis of ovarian tumor cells by human monocytic cells. Cancer Immunology, Immunotherapy, 2007, 57, 247-263.	4.2	65
28	Anti-Folate Receptor Alpha–Directed Antibody Therapies Restrict the Growth of Triple-negative Breast Cancer. Clinical Cancer Research, 2018, 24, 5098-5111.	7.0	65
29	IgE Antibodies: From Structure to Function and Clinical Translation. Antibodies, 2019, 8, 19.	2.5	62
30	Endocytosis and recycling of the complex between CD23 and HLA-DR in human B cells. Immunology, 2001, 103, 319-331.	4.4	61
31	WNT11-FZD7-DAAM1 signalling supports tumour initiating abilities and melanoma amoeboid invasion. Nature Communications, 2020, 11, 5315.	12.8	59
32	Anti-Folate Receptor-α IgE but not IgG Recruits Macrophages to Attack Tumors via TNFα/MCP-1 Signaling. Cancer Research, 2017, 77, 1127-1141.	0.9	58
33	Recombinant IgE antibodies for passive immunotherapy of solid tumours: from concept towards clinical application. Cancer Immunology, Immunotherapy, 2012, 61, 1547-1564.	4.2	55
34	AllergoOncology: Opposite outcomes of immune tolerance in allergy and cancer. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 328-340.	5.7	54
35	Elevated IgG4 in patient circulation is associated with the risk of disease progression in melanoma. Oncolmmunology, 2015, 4, e1032492.	4.6	53
36	lgG subclass switching and clonal expansion in cutaneous melanoma and normal skin. Scientific Reports, 2016, 6, 29736.	3.3	52

Sophia Karagiannis

#	Article	IF	CITATIONS
37	B cells and the humoral response in melanoma: The overlooked players of the tumor microenvironment. Oncolmmunology, 2017, 6, e1294296.	4.6	51
38	Immunoglobulin E and cancer: a meta-analysis and a large Swedish cohort study. Cancer Causes and Control, 2010, 21, 1657-1667.	1.8	49
39	lgE re-programs alternatively-activated human macrophages towards pro-inflammatory anti-tumoural states. EBioMedicine, 2019, 43, 67-81.	6.1	49
40	lgE immunotherapy. MAbs, 2014, 6, 54-72.	5.2	46
41	Three-colour flow cytometric method to measure antibody-dependent tumour cell killing by cytotoxicity and phagocytosis. Journal of Immunological Methods, 2007, 323, 160-171.	1.4	45
42	A novel IgE-neutralizing antibody for the treatment of severe uncontrolled asthma. MAbs, 2014, 6, 755-763.	5.2	44
43	Therapeutic IgE Antibodies: Harnessing a Macrophage-Mediated Immune Surveillance Mechanism against Cancer. Cancer Research, 2017, 77, 2779-2783.	0.9	42
44	Tumour-associated macrophage polarisation and re-education with immunotherapy. Frontiers in Bioscience - Elite, 2015, 7, 334-351.	1.8	41
45	AllergoOncology: ultra-low IgE, a potential novel biomarker in cancer—a Position Paper of the European Academy of Allergy and Clinical Immunology (EAACI). Clinical and Translational Allergy, 2020, 10, 32.	3.2	40
46	Tumor-Infiltrating B Lymphocyte Profiling Identifies IgG-Biased, Clonally Expanded Prognostic Phenotypes in Triple-Negative Breast Cancer. Cancer Research, 2021, 81, 4290-4304.	0.9	40
47	Beta-glucan contamination of pharmaceutical products: How much should we accept?. Cancer Immunology, Immunotherapy, 2016, 65, 1289-1301.	4.2	39
48	B Cells in Patients With Melanoma: Implications for Treatment With Checkpoint Inhibitor Antibodies. Frontiers in Immunology, 2020, 11, 622442.	4.8	39
49	Harnessing engineered antibodies of the IgE class to combat malignancy: initial assessment of FcÉ›Rlâ€mediated basophil activation by a tumourâ€specific IgE antibody to evaluate the risk of type I hypersensitivity. Clinical and Experimental Allergy, 2011, 41, 1400-1413.	2.9	38
50	Evaluating biomarkers in melanoma. Frontiers in Oncology, 2014, 4, 383.	2.8	38
51	Antibody therapies for melanoma: New and emerging opportunities to activate immunity (Review). Oncology Reports, 2014, 32, 875-886.	2.6	37
52	The Role of IgG4 in the Fine Tuning of Tolerance in IgE-Mediated Allergy and Cancer. International Journal of Molecular Sciences, 2020, 21, 5017.	4.1	36
53	Investigating the association between allergen-specific immunoglobulin E, cancer risk and survival. Oncolmmunology, 2016, 5, e1154250.	4.6	34
54	Mechanisms of checkpoint inhibition-induced adverse events. Clinical and Experimental Immunology, 2020, 200, 141-154.	2.6	33

Sophia Karagiannis

#	Article	IF	CITATIONS
55	Chronic inflammation markers are associated with risk of pancreatic cancer in the Swedish AMORIS cohort study. BMC Cancer, 2019, 19, 858.	2.6	30
56	Near infrared photoimmunotherapy targeting bladder cancer with a canine anti-epidermal growth factor receptor (EGFR) antibody. Oncotarget, 2018, 9, 19026-19038.	1.8	30
57	IgG4 antibodies and cancer-associated inflammation. Oncolmmunology, 2013, 2, e24889.	4.6	28
58	AllergoOncology: IgE- and IgG 4 -mediated immune mechanisms linking allergy with cancer and their translational implications. Journal of Allergy and Clinical Immunology, 2017, 140, 982-984.	2.9	26
59	Basophils from Cancer Patients Respond to Immune Stimuli and Predict Clinical Outcome. Cells, 2020, 9, 1631.	4.1	26
60	α-Melanocyte-stimulating hormone: a protective peptide against chemotherapy-induced hair follicle damage?. British Journal of Dermatology, 2014, 170, 956-960.	1.5	25
61	Colocalisation of insulin and IGF-1 receptors in cultured rat sensory and sympathetic ganglion cells. Journal of Anatomy, 1997, 191, 431-440.	1.5	24
62	An immunologically relevant rodent model demonstrates safety of therapy using a tumourâ€specific IgE. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2328-2341.	5.7	24
63	Utilizing Immunocytokines for Cancer Therapy. Antibodies, 2021, 10, 10.	2.5	24
64	A Novel Antibody-Drug Conjugate (ADC) Delivering a DNA Mono-Alkylating Payload to Chondroitin Sulfate Proteoglycan (CSPG4)-Expressing Melanoma. Cancers, 2020, 12, 1029.	3.7	22
65	Immune mediator expression signatures are associated with improved outcome in ovarian carcinoma. Oncolmmunology, 2019, 8, e1593811.	4.6	20
66	Engineering and stable production of recombinant IgE for cancer immunotherapy and AllergoOncology. Journal of Allergy and Clinical Immunology, 2018, 141, 1519-1523.e9.	2.9	19
67	In Planta Glycan Engineering and Functional Activities of IgE Antibodies. Frontiers in Bioengineering and Biotechnology, 2019, 7, 242.	4.1	19
68	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. Cells, 2020, 9, 665.	4.1	18
69	lgG4 induces tolerogenic M2-like macrophages and correlates with disease progression in colon cancer. Oncolmmunology, 2021, 10, 1880687.	4.6	18
70	Functionally Active Fc Mutant Antibodies Recognizing Cancer Antigens Generated Rapidly at High Yields. Frontiers in Immunology, 2017, 8, 1112.	4.8	17
71	AllergoOncology: Microbiota in allergy and cancer—A European Academy for Allergy and Clinical Immunology position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1037-1051.	5.7	17
72	lgE Antibodies against Cancer: Efficacy and Safety. Antibodies, 2020, 9, 55.	2.5	17

SOPHIA KARAGIANNIS

#	Article	IF	CITATIONS
73	Harnessing Therapeutic IgE Antibodies to Re-educate Macrophages against Cancer. Trends in Molecular Medicine, 2020, 26, 615-626.	6.7	17
74	Regulatory B cell repertoire defects predispose lung cancer patients to immune-related toxicity following checkpoint blockade. Nature Communications, 2022, 13, .	12.8	17
75	Recombinant plant-derived human IgE glycoproteomics. Journal of Proteomics, 2017, 161, 81-87.	2.4	16
76	AllergoOncology: High innate IgE levels are decisive for the survival of cancer-bearing mice. World Allergy Organization Journal, 2019, 12, 100044.	3.5	16
77	Therapeutic targets and new directions for antibodies developed for ovarian cancer. MAbs, 2016, 8, 1437-1455.	5.2	15
78	lgE Activates Monocytes from Cancer Patients to Acquire a Pro-Inflammatory Phenotype. Cancers, 2020, 12, 3376.	3.7	15
79	Cancer Grade Model: a multi-gene machine learning-based risk classification for improving prognosis in breast cancer. British Journal of Cancer, 2021, 125, 748-758.	6.4	15
80	Insights from IgE Immune Surveillance in Allergy and Cancer for Anti-Tumour IgE Treatments. Cancers, 2021, 13, 4460.	3.7	15
81	Development of downstream processing to minimize betaâ€glucan impurities in GMPâ€manufactured therapeutic antibodies. Biotechnology Progress, 2016, 32, 1494-1502.	2.6	14
82	Evaluation of Antigen-Conjugated Fluorescent Beads to Identify Antigen-Specific B Cells. Frontiers in Immunology, 2018, 9, 493.	4.8	14
83	AllergoOncology: Generating a canine anticancer IgE against the epidermal growth factor receptor. Journal of Allergy and Clinical Immunology, 2018, 142, 973-976.e11.	2.9	14
84	AllergoOncology: Expression platform development and functional profiling of an antiâ€HER2 IgE antibody. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1985-1989.	5.7	14
85	Basophil activation test in cancer patient blood evaluating potential hypersensitivity to an antiâ€ŧumor IgE therapeutic candidate. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2069-2073.	5.7	14
86	Clinical and Translational Significance of Basophils in Patients with Cancer. Cells, 2022, 11, 438.	4.1	14
87	Association of Serum Immunoglobulin Levels with Solid Cancer: A Systematic Review and Meta-analysis. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 527-538.	2.5	13
88	Abstract CT141: Phase 1 trial of MOv18, a first-in-class IgE antibody therapy for cancer. Cancer Research, 2020, 80, CT141-CT141.	0.9	13
89	Antibodies as biomarkers for cancer risk: a systematic review. Clinical and Experimental Immunology, 2022, 209, 46-63.	2.6	13
90	Advances in the treatment of melanoma. Clinical Medicine, 2012, 12, 168-171.	1.9	12

6

SOPHIA KARAGIANNIS

#	Article	IF	CITATIONS
91	Comparative reactivity of human IgE to cynomolgus monkey and human effector cells and effects on IgE effector cell potency. MAbs, 2014, 6, 509-522.	5.2	12
92	<i>In vivo</i> safety profile of a CSPG4-directed IgE antibody in an immunocompetent rat model. MAbs, 2020, 12, 1685349.	5.2	11
93	Rapid conjugation of antibodies to toxins to select candidates for the development of anticancer Antibody-Drug Conjugates (ADCs). Scientific Reports, 2020, 10, 8869.	3.3	11
94	Immunotherapy using IgE or CAR T cells for cancers expressing the tumor antigen SLC3A2. , 2021, 9, e002140.		10
95	Potential for monocyte recruitment by IgE immunotherapy for cancer in a rat model of tumour metastasis. Lancet, The, 2015, 385, S53.	13.7	9
96	Glycoengineering of Therapeutic Antibodies with Small Molecule Inhibitors. Antibodies, 2021, 10, 44.	2.5	9
97	Toward Prediction of Immune Mechanisms and Design of Immunotherapies in Melanoma. Critical Reviews in Biomedical Engineering, 2012, 40, 279-294.	0.9	8
98	Chemokine Pathways in Cutaneous Melanoma: Their Modulation by Cancer and Exploitation by the Clinician. Cancers, 2021, 13, 5625.	3.7	8
99	BRAF inhibitors and their immunological effects in malignant melanoma. Expert Review of Clinical Immunology, 2022, 18, 347-362.	3.0	8
100	Serum Immunoglobulin G Is Associated With Decreased Risk of Pancreatic Cancer in the Swedish AMORIS Study. Frontiers in Oncology, 2020, 10, 263.	2.8	7
101	Association between serum markers of the humoral immune system and inflammation in the Swedish AMORIS study. BMC Immunology, 2021, 22, 61.	2.2	7
102	Macrophages in ovarian cancer and their interactions with monoclonal antibody therapies. Clinical and Experimental Immunology, 2022, 209, 4-21.	2.6	7
103	IgE Interacts with Potent Effector Cells Against Tumors: ADCC and ADCP. , 2010, , 185-213.		6
104	Novel drug-target interactions via link prediction and network embedding. BMC Bioinformatics, 2022, 23, 121.	2.6	6
105	CDK Inhibition Primes for Anti-PD-L1 Treatment in Triple-Negative Breast Cancer Models. Cancers, 2022, 14, 3361.	3.7	6
106	Serum IgG Is Associated With Risk of Melanoma in the Swedish AMORIS Study. Frontiers in Oncology, 2019, 9, 1095.	2.8	5
107	Epinephrine drives human M2a allergic macrophages to a regulatory phenotype reducing mast cell degranulation in vitro. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2939-2942.	5.7	5
108	Antiviral antibody responses to systemic administration of an oncolytic RNA virus: the impact of standard concomitant anticancer chemotherapies. , 2021, 9, e002673.		5

#	Article	IF	CITATIONS
109	AllergoOncology: Danger signals in allergology and oncology: AÂEuropean Academy of Allergy and Clinical Immunology (EAACI) Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2594-2617.	5.7	5
110	Immunoglobulin E and Allergy: Antibodies in Immune Inflammation and Treatment. Microbiology Spectrum, 2013, 1, .	3.0	4
111	Atopy and prostate cancer: Is there a link between circulating levels of IgE and PSA in humans?. Cancer Immunology, Immunotherapy, 2017, 66, 1557-1562.	4.2	4
112	Serum immunoglobulin levels and the risk of bladder cancer in the AMORIS Cohort. Cancer Epidemiology, 2019, 62, 101584.	1.9	4
113	Innate stimulation of B cells <i>ex vivo</i> enhances antibody secretion and identifies tumour-reactive antibodies from cancer patients. Clinical and Experimental Immunology, 2022, 207, 84-94.	2.6	4
114	Immune cell–antibody interactions in health and disease. Clinical and Experimental Immunology, 2022, 209, 1-3.	2.6	4
115	Filling the Antibody Pipeline in Allergy: PIPE Cloning of IgE, IgG1 and IgG4 against the Major Birch Pollen Allergen Bet v 1. International Journal of Molecular Sciences, 2020, 21, 5693.	4.1	3
116	PIPE loned human IgE and IgG4 antibodies: New tools for investigating cow's milk allergy and tolerance. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1553-1556.	5.7	3
117	<i>In vivo</i> trafficking of a tumor-targeting IgE antibody: molecular imaging demonstrates rapid hepatobiliary clearance compared to IgG counterpart. Oncolmmunology, 2021, 10, 1966970.	4.6	2
118	B Lymphocytes Accumulate and Proliferate in Human Skin at Sites of Cutaneous Antigen Challenge. Journal of Investigative Dermatology, 2022, 142, 726-731.e4.	0.7	2
119	Abstract B65: IgG4 subclass antibodies impair antitumor immunity in melanoma , 2013, , .		2
120	Comparison of IgE and IgG antibody-dependent cytotoxicity in vitro and in a SCID mouse xenograft model of ovarian carcinoma. , 1999, 29, 3527.		1
121	Is there a role for physical activity when treating patients with cancer with immune checkpoint inhibitors? Protocol for a scoping review. BMJ Open, 2021, 11, e046052.	1.9	1
122	Abstract LB-001: Development and evaluation of T-Zap: a novel antibody-drug conjugate for the treatment of Her2 positive breast cancer. , 2018, , .		1
123	Special Issue "Antibody Engineering for Cancer Immunotherapy― Antibodies, 2022, 11, 29.	2.5	1
124	Immunotherapy for melanoma. Expert Review of Dermatology, 2012, 7, 51-68.	0.3	0
125	Tumour-associated macrophage polarisation and re-education with immunotherapy. Frontiers in Bioscience - Elite, 2015, 7, 334-351.	1.8	0
126	355 A human in vivo model of a cutaneous memory B cell immune response to skin antigen challenge. Journal of Investigative Dermatology, 2016, 136, S221.	0.7	0

#	Article	IF	CITATIONS
127	483 Alternative activation of cutaneous B cells and IgG antibody subclass polarisation in melanoma. Journal of Investigative Dermatology, 2016, 136, S243.	0.7	0
128	Fast generation of IgE, IgG1 and IgG4 by PIPE cloning sharing the same variable region to the major birch pollen allergen Bet v 1. Journal of Allergy and Clinical Immunology, 2019, 143, AB186.	2.9	0
129	Fast and efficient cloning of human IgE, IgG1 and IgG4 antibodies specific for beta-lactoglobulin from cow milk by Polymerase Incomplete Primer Extension (PIPE). Journal of Allergy and Clinical Immunology, 2019, 143, AB260.	2.9	0
130	Translational aspects of biologicals: monoclonal antibodies and antibody-drug conjugates as examples. , 2021, , 329-350.		0
131	Abstract 2524: Antibodies of the IgG and IgE classes against the melanoma-associated antigen HMW-MAA: Investigating a new therapeutic approach. , 2012, , .		0
132	Abstract B46: Immunotherapy of solid tumors with IgE antibodies: Paradigm of a novel concept towards clinical application , 2013, , .		0
133	Immunoglobulin E and Allergy: Antibodies in Immune Inflammation and Treatment. , 0, , 75-102.		0
134	Abstract 1324: A translational platform to design antibodies targeting triple negative breast cancer-specific antigens for cancer immunotherapy. , 2015, , .		0
135	Abstract 1459: Patient-derived xenograft models of breast cancer with human immune components. , 2015, , .		0
136	Abstract A089: The circulating memory B cell compartment of breast cancer patients is depleted in comparison with healthy volunteers. , 2016, , .		0
137	Abstract A009: IgG4: a new tool to predict the risk of disease progression in melanoma. , 2016, , .		0
138	Abstract A090: Exploring folate receptor α immunotherapy of breast carcinomas: Human monocytic cell-mediated killing triggered by IgG1 and IgE antibodies. , 2016, , .		0
139	Abstract A116: IgG antibody switching and clonal expansion in melanoma and normal skin microenvironments. , 2016, , .		0
140	Antibody Therapeutics for Ovarian Carcinoma and Translation to the Clinic. , 2018, , .		0
141	Serum immunoglobulin levels and the risk of bladder cancer in the AMORIS Cohort. Frontiers in Oncology, 0, 9, .	2.8	0
142	Abstract A095: Discovering the immune profiles of a novel antifolate receptor alpha IgE antibody associated with monocyte-mediated antitumor functions. , 2019, , .		0