

Sandra O Gollnick

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

7,284
citations

185998

28
h-index

155451

55
g-index

62
all docs

62
docs citations

62
times ranked

10193
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic therapy of cancer: An update. <i>Ca-A Cancer Journal for Clinicians</i> , 2011, 61, 250-281.	157.7	3,902
2	p16(Ink4a) and senescence-associated β -galactosidase can be induced in macrophages as part of a reversible response to physiological stimuli. <i>Aging</i> , 2017, 9, 1867-1884.	1.4	244
3	Choice of Oxygen-Conserving Treatment Regimen Determines the Inflammatory Response and Outcome of Photodynamic Therapy of Tumors. <i>Cancer Research</i> , 2004, 64, 2120-2126.	0.4	240
4	Peroxiredoxin 1 Stimulates Secretion of Proinflammatory Cytokines by Binding to TLR4. <i>Journal of Immunology</i> , 2010, 184, 1022-1030.	0.4	191
5	Photodynamic Therapy Enhancement of Antitumor Immunity Is Regulated by Neutrophils. <i>Cancer Research</i> , 2007, 67, 10501-10510.	0.4	187
6	IL-6 trans-signaling licenses mouse and human tumor microvascular gateways for trafficking of cytotoxic T cells. <i>Journal of Clinical Investigation</i> , 2011, 121, 3846-3859.	3.9	187
7	Generation of effective antitumor vaccines using photodynamic therapy. <i>Cancer Research</i> , 2002, 62, 1604-8.	0.4	184
8	Enhancement of anti-tumor immunity by photodynamic therapy. <i>Immunologic Research</i> , 2010, 46, 216-226.	1.3	139
9	Enhanced Systemic Immune Reactivity to a Basal Cell Carcinoma Associated Antigen Following Photodynamic Therapy. <i>Clinical Cancer Research</i> , 2009, 15, 4460-4466.	3.2	118
10	Photodynamic therapy and anti-tumor immunity. <i>Lasers in Surgery and Medicine</i> , 2006, 38, 509-515.	1.1	108
11	Photodynamic Therapy and Immunity: An Update. <i>Photochemistry and Photobiology</i> , 2020, 96, 550-559.	1.3	107
12	Photodynamic Therapy of Non-Small Cell Lung Cancer. Narrative Review and Future Directions. <i>Annals of the American Thoracic Society</i> , 2016, 13, 265-275.	1.5	103
13	Analysis of Qa-2 Antigen Expression by Preimplantation Mouse Embryos: Possible Relationship to the Preimplantation-Embryo-Development (Ped) Gene Product1. <i>Biology of Reproduction</i> , 1987, 36, 611-616.	1.2	100
14	Peroxiredoxin 1 Controls Prostate Cancer Growth through Toll-Like Receptor 4-Dependent Regulation of Tumor Vasculature. <i>Cancer Research</i> , 2011, 71, 1637-1646.	0.4	98
15	Water-Soluble, Core-Modified Porphyrins as Novel, Longer-Wavelength-Absorbing Sensitizers for Photodynamic Therapy. II. Effects of Core Heteroatoms and Meso-Substituents on Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 449-461.	2.9	92
16	Development of photodynamic therapy regimens that control primary tumor growth and inhibit secondary disease. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 287-297.	2.0	89
17	Photodynamic therapy enhancement of anti-tumor immunity. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 649-652.	1.6	86
18	Toll-like receptor-5 agonist, entolimod, suppresses metastasis and induces immunity by stimulating an NK-dendritic-CD8 ⁺ T-cell axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E874-83.	3.3	86

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19	Water-Soluble, Core-Modified Porphyrins as Novel, Longer-Wavelength-Absorbing Sensitizers for Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2403-2410.	2.9	81
20	Peroxiredoxin 1 Stimulates Endothelial Cell Expression of VEGF via TLR4 Dependent Activation of HIF-1 α . <i>PLoS ONE</i> , 2012, 7, e50394.	1.1	68
21	IL-17 Promotes Neutrophil Entry into Tumor-Draining Lymph Nodes following Induction of Sterile Inflammation. <i>Journal of Immunology</i> , 2013, 191, 4348-4357.	0.4	68
22	Linkage of the Preimplantation-Embryo-Development (Ped) Gene to the Mouse Major Histocompatibility Complex (MHC)1. <i>Biology of Reproduction</i> , 1987, 36, 606-610.	1.2	66
23	A Selenopyrylium Photosensitizer for Photodynamic Therapy Related in Structure to the Antitumor Agent AA1 with Potent in Vivo Activity and No Long-Term Skin Photosensitization. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4488-4498.	2.9	61
24	Synthesis and Evaluation of Chalcogenopyrylium Dyes as Potential Sensitizers for the Photodynamic Therapy of Cancer. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 3953-3964.	2.9	56
25	Photodynamic Therapy and Antitumor Immunity. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2012, 10, S-40-S-43.	2.3	49
26	Immune Adjuvant Activity of Pre-Resectional Radiofrequency Ablation Protects against Local and Systemic Recurrence in Aggressive Murine Colorectal Cancer. <i>PLoS ONE</i> , 2015, 10, e0143370.	1.1	42
27	In Vitro Photodynamic Properties of Chalcogenopyrylium Analogues of the Thiopyrylium Antitumor Agent AA1. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5123-5135.	2.9	39
28	TGF- β 2 gene and protein expression in maternal and fetal tissues at various stages of murine development. <i>Journal of Reproductive Immunology</i> , 1993, 25, 133-148.	0.8	35
29	A highly sensitive method for the detection of cell surface antigens on preimplantation mouse embryos. <i>Journal of Immunological Methods</i> , 1984, 68, 137-146.	0.6	28
30	Activation of the IL-10 Gene Promoter Following Photodynamic Therapy of Murine Keratinocytes. <i>Photochemistry and Photobiology</i> , 2001, 73, 170.	1.3	28
31	IL-10 Does not Play a Role in Cutaneous Photofrin $\text{\textcircled{R}}$ Photodynamic Therapy-induced Suppression of the Contact Hypersensitivity Response. <i>Photochemistry and Photobiology</i> , 2001, 74, 811.	1.3	27
32	Enzalutamide, an Androgen Receptor Antagonist, Enhances Myeloid Cell-Mediated Immune Suppression and Tumor Progression. <i>Cancer Immunology Research</i> , 2020, 8, 1215-1227.	1.6	26
33	Activation of Multiple Transcription Factors and fos and jun Gene Family Expression in Cells Exposed to a Single Electric Pulse. <i>Experimental Cell Research</i> , 1995, 221, 103-110.	1.2	24
34	What is the role of alternate splicing in antigen presentation by major histocompatibility complex class I molecules?. <i>Immunologic Research</i> , 2010, 46, 32-44.	1.3	24
35	The effect of photodynamic therapy on tumor cell expression of major histocompatibility complex (MHC) class I and MHC class I-related molecules. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 60-68.	1.1	24
36	Enhanced sensitivity of colon tumour cells to natural killer cell cytotoxicity after mild thermal stress is regulated through HSF1-mediated expression of MICA. <i>International Journal of Hyperthermia</i> , 2013, 29, 480-490.	1.1	24

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37	Low-dose photodynamic therapy promotes angiogenic potential and increases immunogenicity of human mesenchymal stromal cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111596.	1.7	24
38	Treatment with the tumor necrosis factor-alpha-inducing drug 5,6-dimethylxanthenone-4-acetic acid enhances the antitumor activity of the photodynamic therapy of RIF-1 mouse tumors. <i>Cancer Research</i> , 2003, 63, 7584-90.	0.4	23
39	IL-6 potentiates tumor resistance to photodynamic therapy (PDT). <i>Lasers in Surgery and Medicine</i> , 2011, 43, 676-685.	1.1	21
40	Differential contribution of TAP and tapasin to HLA class I antigen expression. <i>Immunology</i> , 2008, 124, 112-120.	2.0	20
41	Differential regulation of TGF- β 2 by hormones in rat uterus and mammary gland. <i>Journal of Reproductive Immunology</i> , 1996, 32, 125-144.	0.8	18
42	Identification of an alternate splice form of tapasin in human melanoma. <i>Human Immunology</i> , 2010, 71, 1018-1026.	1.2	18
43	Expression of H-2K Major Histocompatibility Antigens on Preimplantation Mouse Embryos ¹ . <i>Biology of Reproduction</i> , 1993, 48, 1082-1087.	1.2	17
44	Effects of Transforming Growth Factor- β one Marrow Macrophage Ia Expression Induced by Cytokines. <i>Journal of Interferon and Cytokine Research</i> , 1995, 15, 485-491.	0.5	16
45	Repression of MHC class II gene transcription in trophoblast cells by novel single-stranded DNA binding proteins. <i>Molecular Reproduction and Development</i> , 1997, 47, 390-403.	1.0	15
46	Role of transforming growth factor- β 1 in the suppressed allostimulatory function of AIDS patients. <i>Aids</i> , 1998, 12, 481-487.	1.0	14
47	In situ thermal ablation augments antitumor efficacy of adoptive T cell therapy. <i>International Journal of Hyperthermia</i> , 2019, 36, 22-36.	1.1	14
48	Androgen Receptor Signaling Positively Regulates Monocytic Development. <i>Frontiers in Immunology</i> , 2020, 11, 519383.	2.2	14
49	Stimulation of the host immune response by photodynamic therapy (PDT). , 2004, , .		9
50	Photopheresis in HIV-1 Infected Patients Utilizing Benzoporphyrin Derivative (BPD) Verteporfin and Light. <i>Current HIV Research</i> , 2008, 6, 152-163.	0.2	8
51	miR-30e* is overexpressed in prostate cancer and promotes NF- κ B-mediated proliferation and tumor growth. <i>Oncotarget</i> , 2017, 8, 67626-67638.	0.8	8
52	Tumor-associated myeloid cells promote tumorigenesis of non-tumorigenic human and murine prostatic epithelial cell lines. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 873-883.	2.0	5
53	Photodynamic Therapy-Induced Cyclooxygenase 2 Expression in Tumor-Draining Lymph Nodes Regulates B-Cell Expression of Interleukin 17 and Neutrophil Infiltration. <i>Photochemistry and Photobiology</i> , 2022, 98, 1207-1214.	1.3	3
54	Granulocyte-macrophage colony-stimulating factor (GM-CSF) restores allostimulatory function to accessory cells in patients with AIDS. <i>HIV Clinical Trials</i> , 2002, 3, 219-224.	2.0	2

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55	Mechanistic Principles of Photodynamic Therapy. , 2003, , .		2
56	Activation of the IL-10 Gene Promoter Following Photodynamic Therapy of Murine Keratinocytes. Photochemistry and Photobiology, 2007, 73, 170-177.	1.3	1
57	Photopheresis in HIV-1 Infected Patients (pt) using Benzoporphyrin Derivative (BPD-MA) Induces Apoptosis in CD4 Cells, Increases Intracellular Expression of Chemokines and Decreases HIV Infectivity and Viral Load.. Blood, 2004, 104, 3836-3836.	0.6	1
58	IL-10 Does not Play a Role in Cutaneous Photofrin® Photodynamic Therapy-induced Suppression of the Contact Hypersensitivity Response. Photochemistry and Photobiology, 2007, 74, 811-816.	1.3	0
59	Photopheresis in HIV-1 Infected Patients (pt) Using Benzoporphyrin Derivative (BPD-MA) Induces Apoptosis in CD4 Cells, Increases Intracellular Expression of Chemokines and Decreases HIV Infectivity and Viral Load.. Blood, 2005, 106, 1431-1431.	0.6	0
60	Photopheresis in HIV-1 Infected Patients (Pt) Using Benzoporphyrin Derivative (BPD-MA) Induces Apoptosis in CD4 Cells, Increases Cytolytic T-Cell Activity, Intracellular Expression of Chemokines, and Decreases HIV Infectivity and Viral Load.. Blood, 2006, 108, 1257-1257.	0.6	0
61	Photopheresis in HIV-1 Infected Patients Utilizing (Benzoporphyrin Derivative Verteporfin/BPD-MA) and Light.. Blood, 2007, 110, 2275-2275.	0.6	0