Sandra O Gollnick

List of Publications by Year
in descending order

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		186265	155660
61	7,284	28	55
papers	citations	h-index	g-index

62	62	62	10193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photodynamic therapy of cancer: An update. Ca-A Cancer Journal for Clinicians, 2011, 61, 250-281.	329.8	3,902
2	p16(Ink4a) and senescence-associated Î²-galactosidase can be induced in macrophages as part of a reversible response to physiological stimuli. Aging, 2017, 9, 1867-1884.	3.1	244
3	Choice of Oxygen-Conserving Treatment Regimen Determines the Inflammatory Response and Outcome of Photodynamic Therapy of Tumors. Cancer Research, 2004, 64, 2120-2126.	0.9	240
4	Peroxiredoxin 1 Stimulates Secretion of Proinflammatory Cytokines by Binding to TLR4. Journal of Immunology, 2010, 184, 1022-1030.	0.8	191
5	Photodynamic Therapy Enhancement of Antitumor Immunity Is Regulated by Neutrophils. Cancer Research, 2007, 67, 10501-10510.	0.9	187
6	IL-6 trans-signaling licenses mouse and human tumor microvascular gateways for trafficking of cytotoxic T cells. Journal of Clinical Investigation, 2011, 121, 3846-3859.	8.2	187
7	Generation of effective antitumor vaccines using photodynamic therapy. Cancer Research, 2002, 62, 1604-8.	0.9	184
8	Enhancement of anti-tumor immunity by photodynamic therapy. Immunologic Research, 2010, 46, 216-226.	2.9	139
9	Enhanced Systemic Immune Reactivity to a Basal Cell Carcinoma Associated Antigen Following Photodynamic Therapy. Clinical Cancer Research, 2009, 15, 4460-4466.	7.0	118
10	Photodynamic therapy and anti-tumor immunity. Lasers in Surgery and Medicine, 2006, 38, 509-515.	2.1	108
11	Photodynamic Therapy and Immunity: An Update. Photochemistry and Photobiology, 2020, 96, 550-559.	2.5	107
12	Photodynamic Therapy of Nonâ€“Small Cell Lung Cancer. Narrative Review and Future Directions. Annals of the American Thoracic Society, 2016, 13, 265-275.	3.2	103
13	Analysis of Qa-2 Antigen Expression by Preimplantation Mouse Embryos: Possible Relationship to the Preimplantation-Embryo-Development (Ped) Gene Product1. Biology of Reproduction, 1987, 36, 611-616.	2.7	100
14	Peroxiredoxin 1 Controls Prostate Cancer Growth through Toll-Like Receptor 4â€“Dependent Regulation of Tumor Vasculature. Cancer Research, 2011, 71, 1637-1646.	0.9	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. Journal of Medicinal Chemistry, 2002, 45, 449-461.	6.4	92
16	Development of photodynamic therapy regimens that control primary tumor growth and inhibit secondary disease. Cancer Immunology, Immunotherapy, 2015, 64, 287-297.	4.2	89
17	Photodynamic therapy enhancement of anti-tumor immunity. Photochemical and Photobiological Sciences, 2011, 10, 649-652.	2.9	86
18	Toll-like receptor-5 agonist, entolimod, suppresses metastasis and induces immunity by stimulating an NK-dendritic-CD8 ⁺ T-cell axis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E874-83.	7.1	86

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19	Water-Soluble, Core-Modified Porphyrins as Novel, Longer-Wavelength-Absorbing Sensitizers for Photodynamic Therapy. Journal of Medicinal Chemistry, 2000, 43, 2403-2410.	6.4	81
20	Peroxiredoxin 1 Stimulates Endothelial Cell Expression of VEGF via TLR4 Dependent Activation of HIF-1Î±. PLoS ONE, 2012, 7, e50394.	2.5	68
21	IL-17 Promotes Neutrophil Entry into Tumor-Draining Lymph Nodes following Induction of Sterile Inflammation. Journal of Immunology, 2013, 191, 4348-4357.	0.8	68
22	Linkage of the Preimplantation-Embryo-Development (Ped) Gene to the Mouse Major Histocompatibility Complex (MHC)1. Biology of Reproduction, 1987, 36, 606-610.	2.7	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. Journal of Medicinal Chemistry, 2000, 43, 4488-4498.	6.4	61
24	Synthesis and Evaluation of Chalcogenopyrylium Dyes as Potential Sensitizers for the Photodynamic Therapy of Cancer. Journal of Medicinal Chemistry, 1999, 42, 3953-3964.	6.4	56
25	Photodynamic Therapy and Antitumor Immunity. Journal of the National Comprehensive Cancer Network: JNCCN, 2012, 10, S-40-S-43.	4.9	49
26	Immune Adjuvant Activity of Pre-Resectional Radiofrequency Ablation Protects against Local and Systemic Recurrence in Aggressive Murine Colorectal Cancer. PLoS ONE, 2015, 10, e0143370.	2.5	42
27	In Vitro Photodynamic Properties of Chalcogenopyrylium Analogues of the Thiopyrylium Antitumor Agent AA1. Journal of Medicinal Chemistry, 2002, 45, 5123-5135.	6.4	39
28	TGF-Î²2 gene and protein expression in maternal and fetal tissues at various stages of murine development. Journal of Reproductive Immunology, 1993, 25, 133-148.	1.9	35
29	A highly sensitive method for the detection of cell surface antigens on preimplantation mouse embryos. Journal of Immunological Methods, 1984, 68, 137-146.	1.4	28
30	Activation of the IL-10 Gene Promoter Following Photodynamic Therapy of Murine KeratinocytesÂ¶. Photochemistry and Photobiology, 2001, 73, 170.	2.5	28
31	IL-10 Does not Play a Role in Cutaneous PhotofrinÂ® Photodynamic Therapy-induced Suppression of the Contact Hypersensitivity ResponseÂ¶. Photochemistry and Photobiology, 2001, 74, 811.	2.5	27
32	Enzalutamide, an Androgen Receptor Antagonist, Enhances Myeloid Cellâ€“Mediated Immune Suppression and Tumor Progression. Cancer Immunology Research, 2020, 8, 1215-1227.	3.4	26
33	Activation of Multiple Transcription Factors and fos and jun Gene Family Expression in Cells Exposed to a Single Electric Pulse. Experimental Cell Research, 1995, 221, 103-110.	2.6	24
34	What is the role of alternate splicing in antigen presentation by major histocompatibility complex class I molecules?. Immunologic Research, 2010, 46, 32-44.	2.9	24
35	The effect of photodynamic therapy on tumor cell expression of major histocompatibility complex (MHC) class I and MHC class Iâ€related molecules. Lasers in Surgery and Medicine, 2012, 44, 60-68.	2.1	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. International Journal of Hyperthermia, 2013, 29, 480-490.	2.5	24

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37	Low-dose photodynamic therapy promotes angiogenic potential and increases immunogenicity of human mesenchymal stromal cells. Journal of Photochemistry and Photobiology B: Biology, 2019, 199, 111596.	3.8	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. Cancer Research, 2003, 63, 7584-90.	0.9	23
39	IL-6 potentiates tumor resistance to photodynamic therapy (PDT). Lasers in Surgery and Medicine, 2011, 43, 676-685.	2.1	21
40	Differential contribution of TAP and tapasin to HLA class I antigen expression. Immunology, 2008, 124, 112-120.	4.4	20
41	Differential regulation of TGF-Î²2 by hormones in rat uterus and mammary gland. Journal of Reproductive Immunology, 1996, 32, 125-144.	1.9	18
42	Identification of an alternate splice form of tapasin in human melanoma. Human Immunology, 2010, 71, 1018-1026.	2.4	18
43	Expression of H-2K Major Histocompatibility Antigens on Preimplantation Mouse Embryos1. Biology of Reproduction, 1993, 48, 1082-1087.	2.7	17
44	Effects of Transforming Growth Factor-Î²one Marrow Macrophage Ia Expression Induced by Cytokines. Journal of Interferon and Cytokine Research, 1995, 15, 485-491.	1.2	16
45	Repression of MHC class II gene transcription in trophoblast cells by novel single-stranded DNA binding proteins. Molecular Reproduction and Development, 1997, 47, 390-403.	2.0	15
46	Role of transforming growth factor-Î²1 in the suppressed allostimulatory function of AIDS patients. Aids, 1998, 12, 481-487.	2.2	14
47	In situ thermal ablation augments antitumor efficacy of adoptive T cell therapy. International Journal of Hyperthermia, 2019, 36, 22-36.	2.5	14
48	Androgen Receptor Signaling Positively Regulates Monocytic Development. Frontiers in Immunology, 2020, 11, 519383.	4.8	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. Current HIV Research, 2008, 6, 152-163.	0.5	8
51	miR-30e* is overexpressed in prostate cancer and promotes NF-ÎºB-mediated proliferation and tumor growth. Oncotarget, 2017, 8, 67626-67638.	1.8	8
52	Tumor-associated myeloid cells promote tumorigenesis of non-tumorigenic human and murine prostatic epithelial cell lines. Cancer Immunology, Immunotherapy, 2018, 67, 873-883.	4.2	5
53	Photodynamic Therapyâ€Induced Cyclooxygenase 2 Expression in Tumorâ€Draining Lymph Nodes Regulates Bâ€Cell Expression of Interleukin 17 and Neutrophil Infiltration. Photochemistry and Photobiology, 2022, 98, 1207-1214.	2.5	3
54	Granulocyte-macrophage colony-stimulating factor (GM-CSF) restores allostimulatory function to accessory cells in patients with AIDS. HIV Clinical Trials, 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 KeratinocytesÂ¶. Photochemistry and Photobiology, 2007, 73, 170-177.	2.5	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.	1.4	1
58	IL-10 Does not Play a Role in Cutaneous PhotofrinÂ® Photodynamic Therapy-induced Suppression of the Contact Hypersensitivity ResponseÂ¶. Photochemistry and Photobiology, 2007, 74, 811-816.	2.5	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.	1.4	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.	1.4	0
61	Photopheresis in HIV-1 Infected Patients Utilizing (Benzoporphyrin Derivative Verteporfin/BPD-MA) and Light.. Blood, 2007, 110, 2275-2275.	1.4	0