Mladen Korbelik

List of Publications by Year in Descending Order

70 papers	5,912 citations	28 h-index	74 g-index
74 ext. papers	6,752 ext. citations	8.5 avg, IF	5.55 L-index

#	Paper	IF	Citations
70	Controlling Immunoregulatory Cell Activity for Effective Photodynamic Therapy of Cancer.. *Methods in Molecular Biology*, **2022**, 2451, 569-577	1.4	
69	Novel Immune Stimulant Amplifies Direct Tumoricidal Effect of Cancer Ablation Therapies and Their Systemic Antitumor Immune Efficacy. *Cells*, **2021**, 10,	7.9	4
68	Optimization of Whole Tumor Cell Vaccines by Interaction with Phagocytic Receptors. *Vaccines*, **2021**, 9,	5.3	1
67	Preclinical and Clinical Evidence of Immune Responses Triggered in Oncologic Photodynamic Therapy: Clinical Recommendations. *Journal of Clinical Medicine*, **2020**, 9,	5.1	27
66	N-dihydrogalactochitosan-supported tumor control by photothermal therapy and photothermal therapy-generated vaccine. *Journal of Photochemistry and Photobiology B: Biology*, **2020**, 204, 111780	6.7	11
65	Mechanistic insights into ceramidase inhibitor LCL521-enhanced tumor cell killing by photodynamic and thermal ablation therapies. *Photochemical and Photobiological Sciences*, **2020**, 19, 1145-1151	4.2	2
64	N-dihydrogalactochitosan as immune and direct antitumor agent amplifying the effects of photodynamic therapy and photodynamic therapy-generated vaccines. *International Immunopharmacology*, **2019**, 75, 105764	5.8	12
63	Role of cell stress signaling networks in cancer cell death and antitumor immune response following proteotoxic injury inflicted by photodynamic therapy. *Lasers in Surgery and Medicine*, **2018**, 50, 491-498	3.6	16
62	Interaction of acid ceramidase inhibitor LCL521 with tumor response to photodynamic therapy and photodynamic therapy-generated vaccine. *International Journal of Cancer*, **2016**, 139, 1372-8	7.5	16
61	Mreg Activity in Tumor Response to Photodynamic Therapy and Photodynamic Therapy-Generated Cancer Vaccines. *Cancers*, **2016**, 8,	6.6	14
60	Enhanced apoptotic cancer cell killing after Foscan photodynamic therapy combined with fenretinide via de novo sphingolipid biosynthesis pathway. *Journal of Photochemistry and Photobiology B: Biology*, **2016**, 159, 191-5	6.7	6
59	The impact of macrophage-cancer cell interaction on the efficacy of photodynamic therapy. *Photochemical and Photobiological Sciences*, **2015**, 14, 1403-9	4.2	25
58	C6-pyridinium ceramide sensitizes SCC17B human head and neck squamous cell carcinoma cells to photodynamic therapy. *Journal of Photochemistry and Photobiology B: Biology*, **2015**, 143, 163-8	6.7	8
57	Immunoregulatory Cell Depletion Improves the Efficacy of Photodynamic Therapy-Generated Cancer Vaccines. *International Journal of Molecular Sciences*, **2015**, 16, 27005-14	6.3	18
56	Calreticulin as cancer treatment adjuvant: combination with photodynamic therapy and photodynamic therapy-generated vaccines. *Frontiers in Oncology*, **2015**, 5, 15	5.3	36
55	Activity of glycated chitosan and other adjuvants to PDT vaccines **2015**,		1
54	Enhanced killing of SCC17B human head and neck squamous cell carcinoma cells after photodynamic therapy plus fenretinide via the de novo sphingolipid biosynthesis pathway and apoptosis. *International Journal of Oncology*, **2015**, 46, 2003-10	4.4	5

53	Impact of cell death manipulation on the efficacy of photodynamic therapy-generated cancer vaccines. *World Journal of Immunology*, **2015**, 5, 95	0.5	5
52	Ceramide and sphingosine-1-phosphate act as photodynamic therapy-elicited damage-associated molecular patterns: cell surface exposure. *International Immunopharmacology*, **2014**, 20, 359-65	5.8	23
51	Ceramide and Sphingosine-1-Phosphate/Sphingosine act as Photodynamic Therapy-Elicited Damage-Associated Molecular Patterns: Release from Cells and Impact on Tumor-Associated Macrophages. *Journal of Analytical & Bioanalytical Techniques*, **2014**, 5,		1
50	Consensus guidelines for the detection of immunogenic cell death. *OncoImmunology*, **2014**, 3, e955691	7.2	524
49	Cationic ceramides and analogues, LCL30 and LCL85, as adjuvants to photodynamic therapy of tumors. *Journal of Photochemistry and Photobiology B: Biology*, **2013**, 126, 72-7	6.7	8
48	Upregulation of genes for C-reactive protein and related pentraxin/complement proteins in photodynamic therapy-treated human tumor cells: enrolment of PI3K/Akt and AP-1. *Immunobiology* , **2013**, 218, 869-74	3.4	11
47	Tumor-Localized Insult Delivered by Photodynamic Therapy and the Breakdown of Tumor Immunotolerance **2013**, 121-132		2
46	Increased killing of SCCVII squamous cell carcinoma cells after the combination of Pc 4 photodynamic therapy and dasatinib is associated with enhanced caspase-3 activity and ceramide synthase 1 upregulation. *International Journal of Oncology*, **2013**, 43, 2064-72	4.4	13
45	Photodynamic therapy-generated cancer vaccine elicits acute phase and hormonal response in treated mice. *Cancer Immunology, Immunotherapy*, **2012**, 61, 1387-94	7.4	19
44	Monitoring ceramide and sphingosine-1-phosphate levels in cancer cells and macrophages from tumours treated by photodynamic therapy. *Photochemical and Photobiological Sciences*, **2012**, 11, 779-84	4.2	5
43	Antitumor efficacy of photodynamic therapy using novel nanoformulations of hypocrellin photosensitizer SL052. *Photochemistry and Photobiology*, **2012**, 88, 188-93	3.6	9
42	Cancer vaccines generated by photodynamic therapy. *Photochemical and Photobiological Sciences*, **2011**, 10, 664-9	4.2	53
41	Photodynamic therapy of cancer: an update. *Ca-A Cancer Journal for Clinicians*, **2011**, 61, 250-81	220.7	3005
40	Involvement of damage-associated molecular patterns in tumor response to photodynamic therapy: surface expression of calreticulin and high-mobility group box-1 release. *Cancer Immunology, Immunotherapy*, **2011**, 60, 1431-7	7.4	73
39	Heat shock protein 70 is acute phase reactant: response elicited by tumor treatment with photodynamic therapy. *Cell Stress and Chaperones*, **2011**, 16, 153-62	4	23
38	Amplification of cancer cell apoptosis in photodynamic therapy-treated tumors by adjuvant ceramide analog LCL29. *Lasers in Surgery and Medicine*, **2011**, 43, 614-20	3.6	9
37	Expression of complement and pentraxin proteins in acute phase response elicited by tumor photodynamic therapy: the engagement of adrenal hormones. *International Immunopharmacology*, **2010**, 10, 1595-601	5.8	13
36	Photodynamic therapy-generated cancer vaccines. *Methods in Molecular Biology*, **2010**, 635, 147-53	1.4	20

35	Single-wall carbon nanotubes assisted photothermal cancer therapy: animal study with a murine model of squamous cell carcinoma. *Lasers in Surgery and Medicine*, **2010**, 42, 638-48	3.6	94
34	Exploitation of immune response-eliciting properties of hypocrellin photosensitizer SL052-based photodynamic therapy for eradication of malignant tumors. *Photochemistry and Photobiology*, **2009**, 85, 1418-24	3.6	21
33	Complement upregulation in photodynamic therapy-treated tumors: Role of Toll-like receptor pathway and NFkappaB. *Cancer Letters*, **2009**, 281, 232-8	9.9	28
32	Acute phase response induction by cancer treatment with photodynamic therapy. *International Journal of Cancer*, **2008**, 122, 1411-7	7.5	46
31	Complement activation cascade and its regulation: relevance for the response of solid tumors to photodynamic therapy. *Journal of Photochemistry and Photobiology B: Biology*, **2008**, 93, 53-9	6.7	32
30	Dying cells program their expedient disposal: serum amyloid P component upregulation in vivo and in vitro induced by photodynamic therapy of cancer. *Photochemical and Photobiological Sciences*, **2007**, 6, 1284-9	4.2	13
29	The impact of complement activation on tumor oxygenation during photodynamic therapy. *Photochemistry and Photobiology*, **2007**, 83, 1049-55	3.6	9
28	Activation of complement C3, C5, and C9 genes in tumors treated by photodynamic therapy. *Cancer Immunology, Immunotherapy*, **2007**, 56, 649-58	7.4	51
27	Photodynamic therapy-generated vaccine for cancer therapy. *Cancer Immunology, Immunotherapy*, **2006**, 55, 900-9	7.4	90
26	PDT-associated host response and its role in the therapy outcome. *Lasers in Surgery and Medicine*, **2006**, 38, 500-8	3.6	159
25	Acute phase response-associated systemic neutrophil mobilization in mice bearing tumors treated by photodynamic therapy. *International Immunopharmacology*, **2006**, 6, 1259-66	5.8	49
24	Acute phase response induced following tumor treatment by photodynamic therapy: relevance for the therapy outcome **2006**,		2
23	Role of complement anaphylatoxin C3a in photodynamic therapy-elicited engagement of host neutrophils and other immune cells. *Photochemistry and Photobiology*, **2006**, 82, 558-62	3.6	35
22	Deposition of complement proteins on cells treated by photodynamic therapy in vitro. *Journal of Environmental Pathology, Toxicology and Oncology*, **2006**, 25, 189-203	2.1	23
21	Photoimmunotherapy for cancer treatment. *Journal of Environmental Pathology, Toxicology and Oncology*, **2006**, 25, 281-91	2.1	27
20	Characteristics of complement activation in mice bearing Lewis lung carcinomas treated by photodynamic therapy. *Cancer Letters*, **2005**, 225, 215-23	9.9	46
19	Enhancement of Laser Cancer Treatment by a Chitosan-derived Immunoadjuvant¶. *Photochemistry and Photobiology*, **2005**, 81, 190	3.6	48
18	Photodynamic therapy-induced cell surface expression and release of heat shock proteins: relevance for tumor response. *Cancer Research*, **2005**, 65, 1018-26	10.1	183

17	Adjuvant treatment for complement activation increases the effectiveness of photodynamic therapy of solid tumors. *Photochemical and Photobiological Sciences*, **2004**, 3, 812-6	4.2	36
16	Role of Toll-like receptors in photodynamic-therapy-elicited host response **2004**,		5
15	Neutrophils as inflammatory and immune effectors in photodynamic therapy-treated mouse SCCVII tumours. *Photochemical and Photobiological Sciences*, **2002**, 1, 690-5	4.2	77
14	Photodynamic therapy and the immune system in experimental oncology. *Photochemical and Photobiological Sciences*, **2002**, 1, 79-80	4.2	57
13	Mediators of peripheral blood neutrophilia induced by photodynamic therapy of solid tumors. *Cancer Letters*, **2002**, 183, 43-51	9.9	99
12	Induction of systemic neutrophil response in mice by photodynamic therapy of solid tumors. *Photochemistry and Photobiology*, **2001**, 74, 712-20	3.6	58
11	Interaction between photodynamic therapy and BCG immunotherapy responsible for the reduced recurrence of treated mouse tumors. *Photochemistry and Photobiology*, **2001**, 73, 403-9	3.6	40
10	Contribution of myeloid and lymphoid host cells to the curative outcome of mouse sarcoma treatment by photodynamic therapy. *Cancer Letters*, **1999**, 137, 91-8	9.9	118
9	Enhancement of tumour response to photodynamic therapy by adjuvant mycobacterium cell-wall treatment. *Journal of Photochemistry and Photobiology B: Biology*, **1998**, 44, 151-8	6.7	46
8	Relevance of nitric oxide to the response of tumors to photodynamic therapy **1998**, 3247, 98		12
7	Induction of tumor immunity by photodynamic therapy. *Photomedicine and Laser Surgery*, **1996**, 14, 329-34		183
6	Accumulation of benzoporphyrin derivative in malignant and host cell populations of the murine RIF tumor. *Cancer Letters*, **1995**, 97, 249-54	9.9	11
5	Photofrin accumulation in malignant and host cell populations of a murine fibrosarcoma. *Photochemistry and Photobiology*, **1995**, 62, 162-8	3.6	27
4	Enhanced macrophage cytotoxicity against tumor cells treated with photodynamic therapy. *Photochemistry and Photobiology*, **1994**, 60, 497-502	3.6	63
3	Potentiation of photodynamic therapy by immunotherapy: the effect of schizophyllan (SPG). *Cancer Letters*, **1994**, 84, 43-9	9.9	57
2	Distribution of disulfonated and tetrasulfonated aluminum phthalocyanine between malignant and host cell populations of a murine fibrosarcoma. *Journal of Photochemistry and Photobiology B: Biology*, **1993**, 20, 173-81	6.7	36
1	The effect of differentiation on photosensitizer uptake by HL60 cells. *Photochemistry and Photobiology*, **1993**, 58, 670-5	3.6	13