

Mladen Korbelik

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Photodynamic therapy of cancer: an update. <i>Ca-A Cancer Journal for Clinicians</i> , 2011 , 61, 250-81	220.7	3005
69	Consensus guidelines for the detection of immunogenic cell death. <i>OncoImmunology</i> , 2014 , 3, e955691	7.2	524
68	Induction of tumor immunity by photodynamic therapy. <i>Photomedicine and Laser Surgery</i> , 1996 , 14, 329-34		183
67	Photodynamic therapy-induced cell surface expression and release of heat shock proteins: relevance for tumor response. <i>Cancer Research</i> , 2005 , 65, 1018-26	10.1	183
66	PDT-associated host response and its role in the therapy outcome. <i>Lasers in Surgery and Medicine</i> , 2006 , 38, 500-8	3.6	159
65	Contribution of myeloid and lymphoid host cells to the curative outcome of mouse sarcoma treatment by photodynamic therapy. <i>Cancer Letters</i> , 1999 , 137, 91-8	9.9	118
64	Mediators of peripheral blood neutrophilia induced by photodynamic therapy of solid tumors. <i>Cancer Letters</i> , 2002 , 183, 43-51	9.9	99
63	Single-wall carbon nanotubes assisted photothermal cancer therapy: animal study with a murine model of squamous cell carcinoma. <i>Lasers in Surgery and Medicine</i> , 2010 , 42, 638-48	3.6	94
62	Photodynamic therapy-generated vaccine for cancer therapy. <i>Cancer Immunology, Immunotherapy</i> , 2006 , 55, 900-9	7.4	90
61	Neutrophils as inflammatory and immune effectors in photodynamic therapy-treated mouse SCCVII tumours. <i>Photochemical and Photobiological Sciences</i> , 2002 , 1, 690-5	4.2	77
60	Involvement of damage-associated molecular patterns in tumor response to photodynamic therapy: surface expression of calreticulin and high-mobility group box-1 release. <i>Cancer Immunology, Immunotherapy</i> , 2011 , 60, 1431-7	7.4	73
59	Enhanced macrophage cytotoxicity against tumor cells treated with photodynamic therapy. <i>Photochemistry and Photobiology</i> , 1994 , 60, 497-502	3.6	63
58	Induction of systemic neutrophil response in mice by photodynamic therapy of solid tumors. <i>Photochemistry and Photobiology</i> , 2001 , 74, 712-20	3.6	58
57	Photodynamic therapy and the immune system in experimental oncology. <i>Photochemical and Photobiological Sciences</i> , 2002 , 1, 79-80	4.2	57
56	Potentialiation of photodynamic therapy by immunotherapy: the effect of schizophyllan (SPG). <i>Cancer Letters</i> , 1994 , 84, 43-9	9.9	57
55	Cancer vaccines generated by photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 664-9	4.2	53
54	Activation of complement C3, C5, and C9 genes in tumors treated by photodynamic therapy. <i>Cancer Immunology, Immunotherapy</i> , 2007 , 56, 649-58	7.4	51

53	Acute phase response-associated systemic neutrophil mobilization in mice bearing tumors treated by photodynamic therapy. <i>International Immunopharmacology</i> , 2006 , 6, 1259-66	5.8	49
52	Enhancement of Laser Cancer Treatment by a Chitosan-derived Immunoadjuvant. <i>Photochemistry and Photobiology</i> , 2005 , 81, 190	3.6	48
51	Enhancement of tumour response to photodynamic therapy by adjuvant mycobacterium cell-wall treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1998 , 44, 151-8	6.7	46
50	Acute phase response induction by cancer treatment with photodynamic therapy. <i>International Journal of Cancer</i> , 2008 , 122, 1411-7	7.5	46
49	Characteristics of complement activation in mice bearing Lewis lung carcinomas treated by photodynamic therapy. <i>Cancer Letters</i> , 2005 , 225, 215-23	9.9	46
48	Interaction between photodynamic therapy and BCG immunotherapy responsible for the reduced recurrence of treated mouse tumors. <i>Photochemistry and Photobiology</i> , 2001 , 73, 403-9	3.6	40
47	Calreticulin as cancer treatment adjuvant: combination with photodynamic therapy and photodynamic therapy-generated vaccines. <i>Frontiers in Oncology</i> , 2015 , 5, 15	5.3	36
46	Adjuvant treatment for complement activation increases the effectiveness of photodynamic therapy of solid tumors. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 812-6	4.2	36
45	Distribution of disulfonated and tetrasulfonated aluminum phthalocyanine between malignant and host cell populations of a murine fibrosarcoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993 , 20, 173-81	6.7	36
44	Role of complement anaphylatoxin C3a in photodynamic therapy-elicited engagement of host neutrophils and other immune cells. <i>Photochemistry and Photobiology</i> , 2006 , 82, 558-62	3.6	35
43	Complement activation cascade and its regulation: relevance for the response of solid tumors to photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008 , 93, 53-9	6.7	32
42	Complement upregulation in photodynamic therapy-treated tumors: Role of Toll-like receptor pathway and NFkappaB. <i>Cancer Letters</i> , 2009 , 281, 232-8	9.9	28
41	Preclinical and Clinical Evidence of Immune Responses Triggered in Oncologic Photodynamic Therapy: Clinical Recommendations. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	27
40	Photofrin accumulation in malignant and host cell populations of a murine fibrosarcoma. <i>Photochemistry and Photobiology</i> , 1995 , 62, 162-8	3.6	27
39	Photoimmunotherapy for cancer treatment. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2006 , 25, 281-91	2.1	27
38	The impact of macrophage-cancer cell interaction on the efficacy of photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1403-9	4.2	25
37	Ceramide and sphingosine-1-phosphate act as photodynamic therapy-elicited damage-associated molecular patterns: cell surface exposure. <i>International Immunopharmacology</i> , 2014 , 20, 359-65	5.8	23
36	Heat shock protein 70 is acute phase reactant: response elicited by tumor treatment with photodynamic therapy. <i>Cell Stress and Chaperones</i> , 2011 , 16, 153-62	4	23

35	Deposition of complement proteins on cells treated by photodynamic therapy in vitro. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2006 , 25, 189-203	2.1	23
34	Exploitation of immune response-eliciting properties of hypocrellin photosensitizer SL052-based photodynamic therapy for eradication of malignant tumors. <i>Photochemistry and Photobiology</i> , 2009 , 85, 1418-24	3.6	21
33	Photodynamic therapy-generated cancer vaccines. <i>Methods in Molecular Biology</i> , 2010 , 635, 147-53	1.4	20
32	Photodynamic therapy-generated cancer vaccine elicits acute phase and hormonal response in treated mice. <i>Cancer Immunology, Immunotherapy</i> , 2012 , 61, 1387-94	7.4	19
31	Immunoregulatory Cell Depletion Improves the Efficacy of Photodynamic Therapy-Generated Cancer Vaccines. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27005-14	6.3	18
30	Role of cell stress signaling networks in cancer cell death and antitumor immune response following proteotoxic injury inflicted by photodynamic therapy. <i>Lasers in Surgery and Medicine</i> , 2018 , 50, 491-498	3.6	16
29	Interaction of acid ceramidase inhibitor LCL521 with tumor response to photodynamic therapy and photodynamic therapy-generated vaccine. <i>International Journal of Cancer</i> , 2016 , 139, 1372-8	7.5	16
28	Mreg Activity in Tumor Response to Photodynamic Therapy and Photodynamic Therapy-Generated Cancer Vaccines. <i>Cancers</i> , 2016 , 8,	6.6	14
27	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. <i>International Journal of Oncology</i> , 2013 , 43, 2064-72	4.4	13
26	Expression of complement and pentraxin proteins in acute phase response elicited by tumor photodynamic therapy: the engagement of adrenal hormones. <i>International Immunopharmacology</i> , 2010 , 10, 1595-601	5.8	13
25	Dying cells program their expedient disposal: serum amyloid P component upregulation in vivo and in vitro induced by photodynamic therapy of cancer. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 1284-9	4.2	13
24	The effect of differentiation on photosensitizer uptake by HL60 cells. <i>Photochemistry and Photobiology</i> , 1993 , 58, 670-5	3.6	13
23	N-dihydrogalactochitosan as immune and direct antitumor agent amplifying the effects of photodynamic therapy and photodynamic therapy-generated vaccines. <i>International Immunopharmacology</i> , 2019 , 75, 105764	5.8	12
22	Relevance of nitric oxide to the response of tumors to photodynamic therapy 1998 , 3247, 98		12
21	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. <i>Immunobiology</i> , 2013 , 218, 869-74	3.4	11
20	Accumulation of benzoporphyrin derivative in malignant and host cell populations of the murine RIF tumor. <i>Cancer Letters</i> , 1995 , 97, 249-54	9.9	11
19	N-dihydrogalactochitosan-supported tumor control by photothermal therapy and photothermal therapy-generated vaccine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 204, 111780	6.7	11
18	Antitumor efficacy of photodynamic therapy using novel nanoformulations of hypocrellin photosensitizer SL052. <i>Photochemistry and Photobiology</i> , 2012 , 88, 188-93	3.6	9

17	Amplification of cancer cell apoptosis in photodynamic therapy-treated tumors by adjuvant ceramide analog LCL29. <i>Lasers in Surgery and Medicine</i> , 2011 , 43, 614-20	3.6	9
16	The impact of complement activation on tumor oxygenation during photodynamic therapy. <i>Photochemistry and Photobiology</i> , 2007 , 83, 1049-55	3.6	9
15	C6-pyridinium ceramide sensitizes SCC17B human head and neck squamous cell carcinoma cells to photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 143, 163-8	6.7	8
14	Cationic ceramides and analogues, LCL30 and LCL85, as adjuvants to photodynamic therapy of tumors. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 126, 72-7	6.7	8
13	Enhanced apoptotic cancer cell killing after Foscan photodynamic therapy combined with fenretinide via de novo sphingolipid biosynthesis pathway. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 159, 191-5	6.7	6
12	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. <i>International Journal of Oncology</i> , 2015 , 46, 2003-10	4.4	5
11	Monitoring ceramide and sphingosine-1-phosphate levels in cancer cells and macrophages from tumours treated by photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 779-84	4.2	5
10	Role of Toll-like receptors in photodynamic-therapy-elicited host response 2004 ,		5
9	Impact of cell death manipulation on the efficacy of photodynamic therapy-generated cancer vaccines. <i>World Journal of Immunology</i> , 2015 , 5, 95	0.5	5
8	Novel Immune Stimulant Amplifies Direct Tumoricidal Effect of Cancer Ablation Therapies and Their Systemic Antitumor Immune Efficacy. <i>Cells</i> , 2021 , 10,	7.9	4
7	Tumor-Localized Insult Delivered by Photodynamic Therapy and the Breakdown of Tumor Immunotolerance 2013 , 121-132		2
6	Acute phase response induced following tumor treatment by photodynamic therapy: relevance for the therapy outcome 2006 ,		2
5	Mechanistic insights into ceramidase inhibitor LCL521-enhanced tumor cell killing by photodynamic and thermal ablation therapies. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1145-1151	4.2	2
4	Activity of glycosylated chitosan and other adjuvants to PDT vaccines 2015 ,		1
3	Ceramide and Sphingosine-1-Phosphate/Sphingosine act as Photodynamic Therapy-Elicited Damage-Associated Molecular Patterns: Release from Cells and Impact on Tumor-Associated Macrophages. <i>Journal of Analytical & Bioanalytical Techniques</i> , 2014 , 5,		1
2	Optimization of Whole Tumor Cell Vaccines by Interaction with Phagocytic Receptors. <i>Vaccines</i> , 2021 , 9,	5.3	1
1	Controlling Immunoregulatory Cell Activity for Effective Photodynamic Therapy of Cancer.. <i>Methods in Molecular Biology</i> , 2022 , 2451, 569-577	1.4	