Bal L Lokeshwar

List of Publications by Citations

56 papers	6,515 citations	30 h-index	67 g-index
67 ext. papers	7,323 ext. citations	7.5 avg, IF	5 L-index

#	Paper	IF	Citations
56	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
55	Stromal and epithelial expression of tumor markers hyaluronic acid and HYAL1 hyaluronidase in prostate cancer. *Journal of Biological Chemistry*, **2001**, 276, 11922-32	5.4	229
54	Interleukin-8 is a molecular determinant of androgen independence and progression in prostate cancer. *Cancer Research*, **2007**, 67, 6854-62	10.1	212
53	Designing a broad-spectrum integrative approach for cancer prevention and treatment. *Seminars in Cancer Biology*, **2015**, 35 Suppl, S276-S304	12.7	179
52	HYAL1 hyaluronidase in prostate cancer: a tumor promoter and suppressor. *Cancer Research*, **2005**, 65, 7782-9	10.1	138
51	Inhibition of cell proliferation, invasion, tumor growth and metastasis by an oral non-antimicrobial tetracycline analog (COL-3) in a metastatic prostate cancer model. *International Journal of Cancer*, **2002**, 98, 297-309	7.5	136
50	MMP inhibition in prostate cancer. *Annals of the New York Academy of Sciences*, **1999**, 878, 271-89	6.5	132
49	The IL-8-regulated chemokine receptor CXCR7 stimulates EGFR signaling to promote prostate cancer growth. *Cancer Research*, **2011**, 71, 3268-77	10.1	131
48	HYAL1 hyaluronidase: a molecular determinant of bladder tumor growth and invasion. *Cancer Research*, **2005**, 65, 2243-50	10.1	105
47	25-Hydroxyvitamin D-1alpha-hydroxylase activity is diminished in human prostate cancer cells and is enhanced by gene transfer. *Journal of Steroid Biochemistry and Molecular Biology*, **2002**, 81, 135-40	5.1	96
46	Combined Inhibition of DNMT and HDAC Blocks the Tumorigenicity of Cancer Stem-like Cells and Attenuates Mammary Tumor Growth. *Cancer Research*, **2016**, 76, 3224-35	10.1	93
45	Cyclooxygenase-2 inhibitor celecoxib augments chemotherapeutic drug-induced apoptosis by enhancing activation of caspase-3 and -9 in prostate cancer cells. *International Journal of Cancer*, **2005**, 115, 484-92	7.5	88
44	A multi-targeted approach to suppress tumor-promoting inflammation. *Seminars in Cancer Biology*, **2015**, 35 Suppl, S151-S184	12.7	76
43	Depletion of intrinsic expression of Interleukin-8 in prostate cancer cells causes cell cycle arrest, spontaneous apoptosis and increases the efficacy of chemotherapeutic drugs. *Molecular Cancer*, **2009**, 8, 57	42.1	76
42	Cyclooxygenase-2 (COX-2) expression is an independent predictor of prostate cancer recurrence. *International Journal of Cancer*, **2006**, 119, 1082-7	7.5	64
41	The prostate 25-hydroxyvitamin D-1 alpha-hydroxylase is not influenced by parathyroid hormone and calcium: implications for prostate cancer chemoprevention by vitamin D. *Carcinogenesis*, **2004**, 25, 967-71	4.6	64
40	The chemokine receptor CXCR7 interacts with EGFR to promote breast cancer cell proliferation. *Molecular Cancer*, **2014**, 13, 198	42.1	60

39	Inhibition of cyclooxygenase (COX)-2 expression by Tet-inducible COX-2 antisense cDNA in hormone-refractory prostate cancer significantly slows tumor growth and improves efficacy of chemotherapeutic drugs. *Clinical Cancer Research*, **2004**, 10, 8037-47	12.9	58
38	Cytotoxic activity and inhibition of tumor cell invasion by derivatives of a chemically modified tetracycline CMT-3 (COL-3). *Current Medicinal Chemistry*, **2001**, 8, 271-9	4.3	58
37	Chemokines and chemokine receptors as promoters of prostate cancer growth and progression. *Critical Reviews in Eukaryotic Gene Expression*, **2013**, 23, 77-91	1.3	50
36	Osteopontin and interleukin-8 expression is independently associated with prostate cancer recurrence. *Clinical Cancer Research*, **2008**, 14, 4111-8	12.9	50
35	Insulin-like growth factors and their binding proteins in prostate cancer: cause or consequence?. *Urologic Oncology: Seminars and Original Investigations*, **2006**, 24, 294-306	2.8	47
34	Bioactive natural products for chemoprevention and treatment of castration-resistant prostate cancer. *Seminars in Cancer Biology*, **2016**, 40-41, 160-169	12.7	46
33	Chemically modified non-antimicrobial tetracyclines are multifunctional drugs against advanced cancers. *Pharmacological Research*, **2011**, 63, 146-50	10.2	44
32	HYAL1-v1, an alternatively spliced variant of HYAL1 hyaluronidase: a negative regulator of bladder cancer. *Cancer Research*, **2006**, 66, 11219-27	10.1	43
31	CMT-3, a chemically modified tetracycline, inhibits bony metastases and delays the development of paraplegia in a rat model of prostate cancer. *Annals of the New York Academy of Sciences*, **1999**, 878, 678-82	6.5	39
30	Medicinal properties of the Jamaican pepper plant Pimenta dioica and Allspice. *Current Drug Targets*, **2012**, 13, 1900-6	3	37
29	CXC receptor-1 silencing inhibits androgen-independent prostate cancer. *Cancer Research*, **2009**, 69, 8265-74	10.1	36
28	Evaluation of vitamin D analogs as therapeutic agents for prostate cancer. *Recent Results in Cancer Research*, **2003**, 164, 273-88	1.5	31
27	Epigenetic regulation of HYAL-1 hyaluronidase expression. identification of HYAL-1 promoter. *Journal of Biological Chemistry*, **2008**, 283, 29215-27	5.4	30
26	Polyphenol-rich extract of Pimenta dioica berries (Allspice) kills breast cancer cells by autophagy and delays growth of triple negative breast cancer in athymic mice. *Oncotarget*, **2015**, 6, 16379-95	3.3	26
25	Arrestin-2 Counters CXCR7-Mediated EGFR Transactivation and Proliferation. *Molecular Cancer Research*, **2016**, 14, 493-503	6.6	25
24	Role of Chemokines and Chemokine Receptors in Prostate Cancer Development and Progression. *Journal of Cancer Science & Therapy*, **2010**, 2, 89-94	5	24
23	Ericifolin: a novel antitumor compound from allspice that silences androgen receptor in prostate cancer. *Carcinogenesis*, **2013**, 34, 1822-32	4.6	23
22	Achyranthes aspera (Apamarg) leaf extract inhibits human pancreatic tumor growth in athymic mice by apoptosis. *Journal of Ethnopharmacology*, **2012**, 142, 523-30	5	18

21	Inhibition of androgen receptor promotes CXC-chemokine receptor 7-mediated prostate cancer cell survival. *Scientific Reports*, **2017**, 7, 3058	4.9	13
20	Arrestins Regulate Stem Cell-Like Phenotype and Response to Chemotherapy in Bladder Cancer. *Molecular Cancer Therapeutics*, **2019**, 18, 801-811	6.1	13
19	Interaction between stromal cells and tumor cells induces chemoresistance and matrix metalloproteinase secretion. *Annals of the New York Academy of Sciences*, **1999**, 878, 642-6	6.5	11
18	Inhibition of aromatase activity and growth suppression by 4-methoxy-4-androstene-3,17-dione in an androgen sensitive human prostatic carcinoma cell line. *Cancer Letters*, **1996**, 101, 143-8	9.9	9
17	Use of shRNA for stable suppression of chemokine receptor expression and function in human cancer cell lines. *Methods in Molecular Biology*, **2014**, 1172, 209-18	1.4	8
16	The andean anticancer herbal product BIRM causes destabilization of androgen receptor and induces caspase-8 mediated-apoptosis in prostate cancer. *Oncotarget*, **2016**, 7, 84201-84213	3.3	8
15	Atypical chemokine receptors in tumor cell growth and metastasis. *Advances in Cancer Research*, **2020**, 145, 1-27	5.9	7
14	Targeting Mitochondrial Metabolism in Prostate Cancer with Triterpenoids. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	7
13	Promotion of epithelial hyperplasia by interleukin-8-CXCR axis in human prostate. *Prostate*, **2020**, 80, 938-949	4.2	5
12	Modulation of aromatase activity by growth factors in an androgen sensitive human prostate cancer cell line, LNCaP. *Cancer Letters*, **1996**, 102, 167-72	9.9	5
11	Deficiency Reduces Tumor Growth by Targeting Stem Cell Self-Renewal. *Cancer Research*, **2020**, 80, 3855-3866	11.2	5
10	A Novel Splice Variant of HYAL-4 Drives Malignant Transformation and Predicts Outcome in Patients with Bladder Cancer. *Clinical Cancer Research*, **2020**, 26, 3455-3467	12.9	4
9	ARRB1 Regulates Metabolic Reprogramming to Promote Glycolysis in Stem Cell-Like Bladder Cancer Cells. *Cancers*, **2021**, 13,	6.6	4
8	IS CXCR-4 A NEW PROGNOSTIC AND METASTATIC MARKER IN RENAL CELL CARCINOMA?. *Journal of Urology*, **2008**, 179, 139-139	2.5	2
7	RAD51AP1 Loss Attenuates Colorectal Cancer Stem Cell Renewal and Sensitizes to Chemotherapy. *Molecular Cancer Research*, **2021**, 19, 1486-1497	6.6	2
6	Spice up your food for cancer prevention: Cancer chemo-prevention by natural compounds from common dietary spices **2021**, 275-308		2
5	G protein translocation to the Golgi apparatus activates MAPK via p110p101 heterodimers. *Journal of Biological Chemistry*, **2021**, 296, 100325	5.4	2
4	Molecular Oncology of Bladder Cancer from Inception to Modern Perspective. *Cancers*, **2022**, 14, 2578	6.6	2

List of Publications

3	The Role of β-Arrestins in Regulating Stem Cell Phenotypes in Normal and Tumorigenic Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
2	Anticancer Drug-Induced Apoptosis and Cytotoxicity in Prostate Cancer Cells Are Modulated by Organ-Specific Stromal Cell Factors. *Scientific World Journal, The*, **2001**, 1, 59	2.2	1
1	Effect of Wnt-1 induced signaling protein-2 (Wisp-2/CCN5) on angiogenesis and invasion in prostate cancer.. *Journal of Clinical Oncology*, **2013**, 31, 164-164	2.2	