

Jan Bouchal

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.

57
papers

1,919
citations

23
h-index

43
g-index

62
ext. papers

2,248
ext. citations

4.8
avg, IF

4.45
L-index

#	Paper	IF	Citations
57	Novel markers for differentiation of lobular and ductal invasive breast carcinomas by laser microdissection and microarray analysis. <i>BMC Cancer</i> , 2007 , 7, 55	4.8	287
56	Inhibition of the acetyltransferases p300 and CBP reveals a targetable function for p300 in the survival and invasion pathways of prostate cancer cell lines. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1644-55	6.1	161
55	Wnt signaling pathway in mammary gland development and carcinogenesis. <i>Pathobiology</i> , 2006 , 73, 213-28	3.8	157
54	The role of cancer-associated fibroblasts, solid stress and other microenvironmental factors in tumor progression and therapy resistance. <i>Cancer Cell International</i> , 2014 , 14, 41	6.4	131
53	Evaluation of candidate biomarkers to predict cancer cell sensitivity or resistance to PARP-1 inhibitor treatment. <i>Cell Cycle</i> , 2012 , 11, 3837-50	4.7	125
52	Immunohistochemical analysis of the biological potential of odontogenic keratocysts. <i>Journal of Oral Pathology and Medicine</i> , 2006 , 35, 75-80	3.3	64
51	Urine markers in monitoring for prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2010 , 13, 12-9	6.2	60
50	Androgen depletion induces senescence in prostate cancer cells through down-regulation of Skp2. <i>Neoplasia</i> , 2011 , 13, 526-36	6.4	56
49	The synthetic ligand of peroxisome proliferator-activated receptor-gamma ciglitazone affects human glioblastoma cell lines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 309, 1239-47	4.7	54
48	Collagen triple helix repeat containing 1 protein, periostin and versican in primary and metastatic breast cancer: an immunohistochemical study. <i>Journal of Clinical Pathology</i> , 2011 , 64, 977-82	3.9	47
47	A novel myoepithelial/progenitor cell marker in the breast?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2007 , 450, 607-9	5.1	44
46	ZEB1: A Critical Regulator of Cell Plasticity, DNA Damage Response, and Therapy Resistance. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 36	5.6	40
45	Transcriptional coactivators p300 and CBP stimulate estrogen receptor-beta signaling and regulate cellular events in prostate cancer. <i>Prostate</i> , 2011 , 71, 431-7	4.2	37
44	Autophagy role(s) in response to oncogenes and DNA replication stress. <i>Cell Death and Differentiation</i> , 2020 , 27, 1134-1153	12.7	37
43	DNA damage signalling barrier, oxidative stress and treatment-relevant DNA repair factor alterations during progression of human prostate cancer. <i>Molecular Oncology</i> , 2016 , 10, 879-94	7.9	34
42	Novel immunohistochemical markers for the differentiation of lobular and ductal invasive breast carcinomas. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2007 , 151, 59-64	1.7	32
41	The fibroblast surface markers FAP, anti-fibroblast, and FSP are expressed by cells of epithelial origin and may be altered during epithelial-to-mesenchymal transition. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018 , 93, 941-951	4.6	30

40	BCL2 is an independent predictor of outcome in basal-like triple-negative breast cancers treated with adjuvant anthracycline-based chemotherapy. <i>Tumor Biology</i> , 2015 , 36, 4243-52	2.9	27
39	Telomere attrition occurs during ex vivo expansion of human dental pulp stem cells. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 673513		27
38	Wnt signaling in prostate development and carcinogenesis. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2011 , 155, 11-8	1.7	26
37	Triple negative breast cancer - BCL2 in prognosis and prediction. Review. <i>Current Drug Targets</i> , 2014 , 15, 1166-75	3	24
36	Cancer-associated fibroblasts promote prostate tumor growth and progression through upregulation of cholesterol and steroid biosynthesis. <i>Cell Communication and Signaling</i> , 2020 , 18, 11	7.5	23
35	Automatic cell cloning assay for determining the clonogenic capacity of cancer and cancer stem-like cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013 , 83, 472-82	4.6	22
34	The dual role of aspirin in breast cancer progression. <i>Oncotarget</i> , 2016 , 7, 52045-52060	3.3	19
33	Genetic determinants of prostate cancer: a review. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2011 , 155, 3-9	1.7	19
32	The role of high cell density in the promotion of neuroendocrine transdifferentiation of prostate cancer cells. <i>Molecular Cancer</i> , 2014 , 13, 113	42.1	18
31	Quadriplex model enhances urine-based detection of prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2011 , 14, 354-60	6.2	17
30	Microarray analysis of bicalutamide action on telomerase activity, p53 pathway and viability of prostate carcinoma cell lines. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 83-92	4.8	16
29	High Skp2 expression is associated with a mesenchymal phenotype and increased tumorigenic potential of prostate cancer cells. <i>Scientific Reports</i> , 2019 , 9, 5695	4.9	14
28	Cisplatin or LA-12 enhance killing effects of TRAIL in prostate cancer cells through Bid-dependent stimulation of mitochondrial apoptotic pathway but not caspase-10. <i>PLoS ONE</i> , 2017 , 12, e0188584	3.7	14
27	Opposite regulation of MDM2 and MDMX expression in acquisition of mesenchymal phenotype in benign and cancer cells. <i>Oncotarget</i> , 2015 , 6, 36156-71	3.3	13
26	Targeting genotoxic and proteotoxic stress-response pathways in human prostate cancer by clinically available PARP inhibitors, vorinostat and disulfiram. <i>Prostate</i> , 2019 , 79, 352-362	4.2	13
25	Olaparib is effective in combination with, and as maintenance therapy after, first-line endocrine therapy in prostate cancer cells. <i>Molecular Oncology</i> , 2018 , 12, 561-576	7.9	12
24	The effects of natural ligands of hormone receptors and their antagonists on telomerase activity in the androgen sensitive prostatic cancer cell line LNCaP. <i>Biochemical Pharmacology</i> , 2002 , 63, 1177-81	6	12
23	Androgenetic alopecia and polymorphism of the androgen receptor gene (SNP rs6152) in patients with benign prostate hyperplasia or prostate cancer. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2015 , 29, 91-6	4.6	11

22	Slug-expressing mouse prostate epithelial cells have increased stem cell potential. <i>Stem Cell Research</i> , 2020 , 46, 101844	1.6	11
21	The AR/NCOA1 axis regulates prostate cancer migration by involvement of PRKD1. <i>Endocrine-Related Cancer</i> , 2016 , 23, 495-508	5.7	11
20	Cranberry intervention in patients with prostate cancer prior to radical prostatectomy. Clinical, pathological and laboratory findings. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016 , 160, 559-565	1.7	11
19	Toll-Like Receptor 3 in Solid Cancer and Therapy Resistance. <i>Cancers</i> , 2020 , 12,	6.6	10
18	Glycoprotein asporin as a novel player in tumour microenvironment and cancer progression. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016 , 160, 467-473	1.7	9
17	Complex Alterations of Fatty Acid Metabolism and Phospholipidome Uncovered in Isolated Colon Cancer Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
16	Prognostic and predictive value of loss of nuclear RAD51 immunoreactivity in resected non-small cell lung cancer patients. <i>Lung Cancer</i> , 2017 , 105, 31-38	5.9	6
15	Trop-2 plasticity is controlled by epithelial-to-mesenchymal transition. <i>Carcinogenesis</i> , 2018 , 39, 1411-1418	4.8	6
14	Relation of ETS transcription factor family member ERG, androgen receptor and topoisomerase 2 α expression to TMPRSS2-ERG fusion status in prostate cancer. <i>Neoplasma</i> , 2014 , 61, 9-16	3.3	6
13	TMPRSS2-ERG gene fusion in prostate cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014 , 158, 502-10	1.7	6
12	Selective inhibition reveals cyclin-dependent kinase 2 as another kinase that phosphorylates the androgen receptor at serine 81. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 354-363	4.9	6
11	The Percentage of Free PSA and Urinary Markers Distinguish Prostate Cancer from Benign Hyperplasia and Contribute to a More Accurate Indication for Prostate Biopsy. <i>Biomedicines</i> , 2020 , 8,	4.8	4
10	Infiltration of Prostate Cancer by CD204+ and CD3+ Cells Correlates with ERG Expression and TMPRSS2-ERG Gene Fusion. <i>Klinicka Onkologie</i> , 2018 , 31, 421-428	2	4
9	Presence of growth/differentiation factor-15 cytokine in human follicular fluid, granulosa cells, and oocytes. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 1407-1417	3.4	3
8	Specific alterations of sphingolipid metabolism identified in EpCAM-positive cells isolated from human colon tumors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 1587-1592	5.42	3
7	Epithelial to mesenchymal transition and microRNA expression are associated with spindle and apocrine cell morphology in triple-negative breast cancer. <i>Scientific Reports</i> , 2021 , 11, 5145	4.9	3
6	Generation of human iPSCs from human prostate cancer-associated fibroblasts IBPi002-A. <i>Stem Cell Research</i> , 2018 , 33, 255-259	1.6	3
5	BCL2 protein in prediction of relapse in triple-negative breast cancer (TNBC) treated with adjuvant anthracycline-based chemotherapy.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 1087-1087	2.2	2

4	Clonality testing of lymphoproliferative disorders in a large cohort of primary and consultant biopsies. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2017 , 161, 197-205	1.7	2
3	Skp2 and Slug Are Coexpressed in Aggressive Prostate Cancer and Inhibited by Neddylation Blockade. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
2	Generation of human iPSCs from fetal prostate fibroblasts HPrF. <i>Stem Cell Research</i> , 2019 , 35, 101405	1.6	1
1	Copy number changes in triple-negative breast cancer: New molecular targets.. <i>Journal of Clinical Oncology</i> , 2013 , 31, 1063-1063	2.2	