

Po-Li Wei

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,231
citations

218677

26
h-index

302126

39
g-index

115
all docs

115
docs citations

115
times ranked

3308
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotine-induced human breast cancer cell proliferation attenuated by garcinol through down-regulation of the nicotinic receptor and cyclin D3 proteins. <i>Breast Cancer Research and Treatment</i> , 2011, 125, 73-87.	2.5	105
2	Ovatodiolide suppresses colon tumorigenesis and prevents polarization of M2 tumor-associated macrophages through YAP oncogenic pathways. <i>Journal of Hematology and Oncology</i> , 2017, 10, 60.	17.0	82
3	Nicotine Enhances Colon Cancer Cell Migration by Induction of Fibronectin. <i>Annals of Surgical Oncology</i> , 2011, 18, 1782-1790.	1.5	77
4	Glucose-Regulated Protein 78 Is a Novel Contributor to Acquisition of Resistance to Sorafenib in Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2010, 17, 603-612.	1.5	75
5	Tobacco-Specific Carcinogen Enhances Colon Cancer Cell Migration Through $\alpha 7$ -Nicotinic Acetylcholine Receptor. <i>Annals of Surgery</i> , 2009, 249, 978-985.	4.2	66
6	Nicotine Promotes Cell Migration Through Alpha7 Nicotinic Acetylcholine Receptor in Gastric Cancer Cells. <i>Annals of Surgical Oncology</i> , 2011, 18, 2671-2679.	1.5	55
7	Monthly variation in acute appendicitis incidence: A 10-year nationwide population-based study. <i>Journal of Surgical Research</i> , 2012, 178, 670-676.	1.6	51
8	MicroRNA-200a/b influenced the therapeutic effects of curcumin in hepatocellular carcinoma (HCC) cells. <i>Tumor Biology</i> , 2013, 34, 3209-3218.	1.8	49
9	Acute Appendicitis and Adverse Pregnancy Outcomes: A Nationwide Population-Based Study. <i>Journal of Gastrointestinal Surgery</i> , 2012, 16, 1204-1211.	1.7	46
10	Thyroxine inhibits resveratrol-caused apoptosis by PD-L1 in ovarian cancer cells. <i>Endocrine-Related Cancer</i> , 2018, 25, 533-545.	3.1	46
11	Bromelain inhibits the ability of colorectal cancer cells to proliferate via activation of ROS production and autophagy. <i>PLoS ONE</i> , 2019, 14, e0210274.	2.5	46
12	Outcomes of robotic versus laparoscopic surgery for mid and low rectal cancer after neoadjuvant chemoradiation therapy and the effect of learning curve. <i>Medicine (United States)</i> , 2017, 96, e8171.	1.0	46
13	Effects of laparoscopic vs robotic-assisted mesorectal excision for rectal cancer: An update systematic review and meta-analysis of randomized controlled trials. <i>Asian Journal of Surgery</i> , 2019, 42, 657-666.	0.4	45
14	Can we predict pathologic complete response before surgery for locally advanced rectal cancer treated with preoperative chemoradiation therapy?. <i>International Journal of Colorectal Disease</i> , 2012, 27, 613-621.	2.2	43
15	MicroRNA-200a and -200b Mediated Hepatocellular Carcinoma Cell Migration Through the Epithelial to Mesenchymal Transition Markers. <i>Annals of Surgical Oncology</i> , 2013, 20, 360-368.	1.5	42
16	Glucose-Regulated Protein 78 (GRP78) Mediated the Efficacy to Curcumin Treatment on Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2011, 18, 2395-2403.	1.5	41
17	Glucose-Regulated Protein 78 (GRP78) Silencing Enhances Cell Migration but Does Not Influence Cell Proliferation in Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2010, 17, 1703-1709.	1.5	40
18	Propyl gallate inhibits hepatocellular carcinoma cell growth through the induction of ROS and the activation of autophagy. <i>PLoS ONE</i> , 2019, 14, e0210513.	2.5	39

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19	Glucose-regulated protein 78 (GRP78) regulates colon cancer metastasis through EMT biomarkers and the NRF-2/HO-1 pathway. <i>Tumor Biology</i> , 2015, 36, 1859-1869.	1.8	36
20	Heat shock protein 27 influences the anti-cancer effect of curcumin in colon cancer cells through ROS production and autophagy activation. <i>Life Sciences</i> , 2018, 209, 43-51.	4.3	36
21	Shikonin Suppresses the Migratory Ability of Hepatocellular Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8191-8197.	5.2	34
22	High-level expression of CXCR4 in breast cancer is associated with early distant and bone metastases. <i>Tumor Biology</i> , 2014, 35, 1581-1588.	1.8	34
23	The Effectiveness of a Simulation-Based Flipped Classroom in the Acquisition of Laparoscopic Suturing Skills in Medical Studentsâ€”A Pilot Study. <i>Journal of Surgical Education</i> , 2018, 75, 326-332.	2.5	30
24	Silencing of Glucose-Regulated Protein 78 (GRP78) Enhances Cell Migration Through the Upregulation of Vimentin in Hepatocellular Carcinoma Cells. <i>Annals of Surgical Oncology</i> , 2012, 19, 572-579.	1.5	29
25	Survivin-Mediated Cancer Cell Migration Through GRP78 and Epithelial-Mesenchymal Transition (EMT) Marker Expression in Mahlavu Cells. <i>Annals of Surgical Oncology</i> , 2012, 19, 336-343.	1.5	29
26	The combination of tetraiodothyroacetic acid and cetuximab inhibits cell proliferation in colorectal cancers with different K-ras status. <i>Steroids</i> , 2016, 111, 63-70.	1.8	29
27	Topical diltiazem ointment in post-hemorrhoidectomy pain relief: A meta-analysis of randomized controlled trials. <i>Asian Journal of Surgery</i> , 2018, 41, 431-437.	0.4	28
28	NNK Enhances Cell Migration through $\alpha 7$ -nicotinic Acetylcholine Receptor Accompanied by Increased of Fibronectin Expression in Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2012, 19, 580-588.	1.5	26
29	Glucose-regulated protein 78 silencing down-regulates vascular endothelial growth factor/vascular endothelial growth factor receptor 2 pathway to suppress human colon cancer tumor growth. <i>Journal of Surgical Research</i> , 2013, 185, 264-272.	1.6	26
30	Knockdown of Thrombomodulin Enhances HCC Cell Migration through Increase of ZEB1 and Decrease of E-cadherin Gene Expression. <i>Annals of Surgical Oncology</i> , 2010, 17, 3379-3385.	1.5	25
31	Down-regulation of let-7a-5p predicts lymph node metastasis and prognosis in colorectal cancer: Implications for chemotherapy. <i>Surgical Oncology</i> , 2016, 25, 429-434.	1.6	25
32	Glucose-regulated protein 94 mediates cancer progression via AKT and eNOS in hepatocellular carcinoma. <i>Tumor Biology</i> , 2016, 37, 4295-4304.	1.8	25
33	Visualization platform of one-dimensional gratings of tethered polyvinyltetrazole brushes on silicon surfaces for sensing of Cr(III). <i>Mikrochimica Acta</i> , 2017, 184, 2723-2730.	5.0	25
34	Methyl gallate, gallic acid-derived compound, inhibit cell proliferation through increasing ROS production and apoptosis in hepatocellular carcinoma cells. <i>PLoS ONE</i> , 2021, 16, e0248521.	2.5	25
35	IGFBP2 plays an important role in heat shock protein 27-mediated cancer progression and metastasis. <i>Oncotarget</i> , 2017, 8, 54978-54992.	1.8	24
36	Outcome Comparison between Laparoscopic and Open Appendectomy: Evidence from a Nationwide Population-Based Study. <i>PLoS ONE</i> , 2013, 8, e68662.	2.5	23

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37	Glucose-regulated protein 94 mediates metastasis by CCT8 and the JNK pathway in hepatocellular carcinoma. <i>Tumor Biology</i> , 2016, 37, 8219-8227.	1.8	23
38	Comparison of clinical outcomes between laparoscopic and open surgery for left-sided colon cancer: a nationwide population-based study. <i>Scientific Reports</i> , 2020, 10, 75.	3.3	23
39	Prediction of novel target genes and pathways involved in irinotecan-resistant colorectal cancer. <i>PLoS ONE</i> , 2017, 12, e0180616.	2.5	22
40	The Application of Non-Invasive Apoptosis Detection Sensor (NIADS) on Histone Deacetylation Inhibitor (HDACi)-Induced Breast Cancer Cell Death. <i>International Journal of Molecular Sciences</i> , 2018, 19, 452.	4.1	22
41	Colorectal Cancer Surgery Using the Da Vinci Xi and Si Systems: Comparison of Perioperative Outcomes. <i>Surgical Innovation</i> , 2019, 26, 192-200.	0.9	22
42	Comparison of clinical outcome between laparoscopic and open right hemicolectomy: a nationwide study. <i>World Journal of Surgical Oncology</i> , 2015, 13, 250.	1.9	21
43	Silencing Heat Shock Protein 27 Inhibits the Progression and Metastasis of Colorectal Cancer (CRC) by Maintaining the Stability of Stromal Interaction Molecule 1 (STIM1) Proteins. <i>Cells</i> , 2018, 7, 262.	4.1	21
44	Preclinical Evaluation of the Novel Small-Molecule MSI-N1014 for Treating Drug-Resistant Colon Cancer via the LGR5/ β -catenin/miR-142-3p Network and Reducing Cancer-Associated Fibroblast Transformation. <i>Cancers</i> , 2020, 12, 1590.	3.7	21
45	GRP78 mediates the therapeutic efficacy of curcumin on colon cancer. <i>Tumor Biology</i> , 2015, 36, 633-641.	1.8	20
46	Gender differences in the acquisition of suturing skills with the da Vinci surgical system. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 462-470.	1.7	20
47	Silencing survivin activates autophagy as an alternative survival pathway in HCC cells. <i>Tumor Biology</i> , 2014, 35, 9957-9966.	1.8	19
48	Development of novel predictive miRNA/target gene pathways for colorectal cancer distance metastasis to the liver using a bioinformatic approach. <i>PLoS ONE</i> , 2019, 14, e0211968.	2.5	19
49	The $\alpha 7$ -nicotinic acetylcholine receptor mediates the sensitivity of gastric cancer cells to taxanes. <i>Tumor Biology</i> , 2016, 37, 4421-4428.	1.8	18
50	<i>Antrodia cinnamomea</i> Enhances Chemo-Sensitivity of 5-FU and Suppresses Colon Tumorigenesis and Cancer Stemness via Up-Regulation of Tumor Suppressor miR-142-3p. <i>Biomolecules</i> , 2019, 9, 306.	4.0	18
51	The in vivo antitumor effects on human COLO 205 cancer cells of the 4,7-dimethoxy-5-(2-propen-1-yl)-1,3-benzodioxole (apiole) derivative of 5-substituted 4,7-dimethoxy-5-methyl-1,3-benzodioxole (SY-1) isolated from the fruiting body of <i>Antrodia camphorate</i> . <i>Journal of Cancer Research and Therapeutics</i> , 2012, 8, 532.	0.9	17
52	Oxidized Low-Density Lipoprotein-Deteriorated Psoriasis Is Associated with the Upregulation of Lox-1 Receptor and Il-23 Expression In Vivo and In Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2610.	4.1	17
53	Glucose-regulated protein 94 mediates progression and metastasis of esophageal squamous cell carcinoma via mitochondrial function and the NF- κ B/COX-2/VEGF axis. <i>Oncotarget</i> , 2018, 9, 9425-9441.	1.8	17
54	Single-incision versus conventional laparoscopic appendectomy in 688 patients: a retrospective comparative analysis. <i>Canadian Journal of Surgery</i> , 2014, 57, E89-E97.	1.2	16

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55	Prediction of novel target genes and pathways involved in bevacizumab-resistant colorectal cancer. PLoS ONE, 2018, 13, e0189582.	2.5	16
56	Characterization of Fecal Microbiota with Clinical Specimen Using Long-Read and Short-Read Sequencing Platform. International Journal of Molecular Sciences, 2020, 21, 7110.	4.1	16
57	Knockdown Survivin Expression Reduces the Efficacy of Curcumin Treatment in Hepatocellular Carcinoma Cells. Annals of Surgical Oncology, 2012, 19, 3547-3555.	1.5	15
58	Increased risk of diabetes following perianal abscess: a population-based follow-up study. International Journal of Colorectal Disease, 2013, 28, 235-240.	2.2	15
59	miR-211 regulates the expression of RRM2 in tumoral metastasis and recurrence in colorectal cancer patients with a k-ras gene mutation. Oncology Letters, 2018, 15, 8107-8117.	1.8	15
60	The alpha9 Nicotinic Acetylcholine Receptor is the Key Mediator in Nicotine-enhanced Cancer Metastasis in Breast Cancer Cells. Journal of Experimental and Clinical Medicine, 2011, 3, 283-292.	0.2	14
61	Silencing A7-nAChR levels increases the sensitivity of gastric cancer cells to ixabepilone treatment. Tumor Biology, 2016, 37, 9493-9501.	1.8	14
62	Predicted Coronary Heart Disease Risk Decreases in Obese Patients After Laparoscopic Sleeve Gastrectomy. World Journal of Surgery, 2018, 42, 2173-2182.	1.6	14
63	Binary-blend fiber-based capture assay of circulating tumor cells for clinical diagnosis of colorectal cancer. Journal of Nanobiotechnology, 2018, 16, 4.	9.1	14
64	The Role of Active Engagement of Peer Observation in the Acquisition of Surgical Skills in Virtual Reality Tasks for Novices. Journal of Surgical Education, 2019, 76, 1655-1662.	2.5	14
65	Involvement of microRNA in Solid Cancer: Role and Regulatory Mechanisms. Biomedicines, 2021, 9, 343.	3.2	13
66	Volume-Outcome Relation for Acute Appendicitis: Evidence from a Nationwide Population-Based Study. PLoS ONE, 2012, 7, e52539.	2.5	12
67	Electrospun Polylactic Acid (PLLA) Microtube Array Membrane (MTAM) An Advanced Substrate for Anticancer Drug Screening. Materials, 2019, 12, 569.	2.9	12
68	Thrombomodulin Influences the Survival of Patients with Non-Metastatic Colorectal Cancer through Epithelial-To-Mesenchymal Transition (EMT). PLoS ONE, 2016, 11, e0160550.	2.5	12
69	Survivin-mediated Therapeutic Efficacy of Gemcitabine through Glucose-regulated Protein 78 in Hepatocellular Carcinoma. Annals of Surgical Oncology, 2012, 19, 2744-2752.	1.5	11
70	Thrombomodulin mediates the migration of cervical cancer cells through the regulation of epithelial mesenchymal transition biomarkers. Tumor Biology, 2014, 35, 47-54.	1.8	10
71	HSPB1 rs2070804 polymorphism is associated with the depth of primary tumor. Journal of Cellular Biochemistry, 2020, 121, 63-69.	2.6	10
72	Classification of Changes in the Fecal Microbiota Associated with Colonic Adenomatous Polyps Using a Long-Read Sequencing Platform. Genes, 2020, 11, 1374.	2.4	10

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73	Platelet-Derived Growth Factor Receptor- α Subunit Targeting Suppresses Metastasis in Advanced Thyroid Cancer <i>In Vitro</i> and <i>In Vivo</i> . <i>Biomolecules and Therapeutics</i> , 2021, 29, 551-561.	2.4	10
74	Preclinical investigation of ovatodiolide as a potential inhibitor of colon cancer stem cells via downregulating sphere-derived exosomal β -catenin/STAT3/miR-1246 cargoes. <i>American Journal of Cancer Research</i> , 2020, 10, 2337-2354.	1.4	10
75	Supermolecules of poly(N-isopropylacrylamide) complexating Herring sperm DNA with bio-multiple hydrogen bonding. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 422-430.	5.0	9
76	Surgical outcomes of robotic transanal minimally invasive surgery for selected rectal neoplasms: A single-hospital experience. <i>Asian Journal of Surgery</i> , 2020, 43, 290-296.	0.4	8
77	The identification and validation of Trichostatin A as a potential inhibitor of colon tumorigenesis and colon cancer stem-like cells. <i>American Journal of Cancer Research</i> , 2017, 7, 1227-1237.	1.4	8
78	A dipeptidyl peptidase-4 inhibitor promotes wound healing in normoglycemic mice by modulating keratinocyte activity. <i>Experimental Dermatology</i> , 2018, 27, 1134-1141.	2.9	6
79	EGFL6 promotes colorectal cancer cell growth and mobility and the anti-cancer property of anti-EGFL6 antibody. <i>Cell and Bioscience</i> , 2021, 11, 53.	4.8	6
80	Cigarette Smoking Associated with Colorectal Cancer Survival: A Nationwide, Population-Based Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 913.	2.4	6
81	Glucose-regulated protein 78 mediates the therapeutic efficacy of 17-DMAG in colon cancer cells. <i>Tumor Biology</i> , 2015, 36, 4367-4376.	1.8	5
82	Validation of Assaying Carcinoembryonic Antigen in Human Serum by Using Immunomagnetic Reduction. <i>Scientific Reports</i> , 2018, 8, 10002.	3.3	5
83	Human α -defensin 6 (HD6) suppresses CRC proliferation and metastasis through abolished EGF/EGFR signaling pathway. <i>International Journal of Medical Sciences</i> , 2022, 19, 34-46.	2.5	5
84	Preclinical Identification of Sulfasalazine's Therapeutic Potential for Suppressing Colorectal Cancer Stemness and Metastasis through Targeting KRAS/MMP7/CD44 Signaling. <i>Biomedicines</i> , 2022, 10, 377.	3.2	5
85	Appendix Diameter: A Predictor of Wound Infection after Laparoscopic Appendectomy. <i>American Surgeon</i> , 2011, 77, 307-310.	0.8	4
86	Thrombomodulin mediates the migratory ability of hormone-independent prostate cancer cells through the regulation of epithelial-to-mesenchymal transition biomarkers. <i>Tumor Biology</i> , 2014, 35, 6047-6054.	1.8	4
87	Diabetes is associated with perforated appendicitis: evidence from a population-based study. <i>American Journal of Surgery</i> , 2016, 212, 735-739.	1.8	4
88	Identification of DNA single-base mismatches by resistivity of poly(N-isopropylacrylamide)-block-ssDNA copolymer brush films at dual temperatures. <i>RSC Advances</i> , 2017, 7, 22777-22787.	3.6	4
89	Areca nut extract (ANE) inhibits the progression of hepatocellular carcinoma cells via activation of ROS production and activation of autophagy. <i>International Journal of Medical Sciences</i> , 2021, 18, 3452-3462.	2.5	4
90	Glucose-Regulated Protein 94 Mediates the Proliferation and Metastasis through the Regulation of ETV1 and MAPK Pathway in Colorectal Cancer. <i>International Journal of Medical Sciences</i> , 2021, 18, 2251-2261.	2.5	4

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91	Microtube Array Membrane Hollow Fiber Assay (MTAM-HFA)â€™An Accurate and Rapid Potential Companion Diagnostic and Pharmacological Interrogation Solution for Cancer Immunotherapy (PD-1/PD-L1). <i>Biomolecules</i> , 2022, 12, 480.	4.0	4
92	Bioinformatic analyses revealed underlying biological functions correlated with oxaliplatin responsiveness. <i>Tumor Biology</i> , 2016, 37, 583-590.	1.8	3
93	Glucose-Regulated Protein 94 Modulates the Response of Osteosarcoma to Chemotherapy. <i>Disease Markers</i> , 2019, 2019, 1-10.	1.3	3
94	Maintenance tegafur-uracil versus observation following an adjuvant oxaliplatin-based regimen in patients with stage III colon cancer after radical resection: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 191.	1.6	2
95	Epithelioid Angiomyolipoma of the Liver. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 175-176.	1.7	2
96	Early versus delayed surgery after short-course radiotherapy for rectal cancer: A network meta-analysis of randomized Controlled Trials. <i>Asian Journal of Surgery</i> , 2020, 43, 810-818.	0.4	2
97	Enhancing evidence-based medicine skills in oncology training with cognitive technology.. <i>Journal of Clinical Oncology</i> , 2019, 37, 10532-10532.	1.6	2
98	pcMSC Modulates Immune Dysregulation in Patients With COVID-19-Induced Refractory Acute Lung Injury. <i>Frontiers in Immunology</i> , 2022, 13, 871828.	4.8	2
99	Comparison of robotic reduced-port and laparoscopic approaches for left-sided colorectal cancer surgery. <i>Asian Journal of Surgery</i> , 2023, 46, 698-704.	0.4	2
100	A Rare Presentation of Lower Abdominal Pain. <i>Gastroenterology</i> , 2021, 161, e15-e17.	1.3	1
101	Aldehyde Dehydrogenase 2 Family Member (ALDH2) Is a Therapeutic Index for Oxaliplatin Response on Colorectal Cancer Therapy with Dysfunction p53. <i>BioMed Research International</i> , 2022, 2022, 1-12.	1.9	1
102	Phase 1b/ 2 study of a radio-enhancer, PEP503 (NBTXR3), in combination with concurrent chemo-radiation in locally advanced or unresectable rectal cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 3603-3603.	1.6	1
103	GeneGazer: A Toolkit Integrating Two Pipelines for Personalized Profiling and Biosignature Identification. <i>Cancer Genomics and Proteomics</i> , 2016, 13, 141-50.	2.0	0