

# Yan Xu

## List of Publications by Year in descending order

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97  
papers

5,356  
citations

87843

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82499

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99  
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99  
docs citations

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times ranked

6580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network-Based Pharmacology Study Reveals Protein Targets for Medical Benefits and Harms of Cannabinoids in Humans. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2205.	1.3	1
2	Downregulation of Dihydrotestosterone and Estradiol Levels by HEXIM1. <i>Endocrinology</i> , 2022, 163, .	1.4	1
3	Combined mass spectrometry-guided genome mining and virtual screening for acaricidal activity in secondary metabolites of <i>Bacillus velezensis</i> W1. <i>RSC Advances</i> , 2021, 11, 25441-25449.	1.7	8
4	A Novel ZIP4-HDAC4-VEGFA Axis in High-Grade Serous Ovarian Cancer. <i>Cancers</i> , 2021, 13, 3821.	1.7	8
5	Abstract 3096: A novel ZIP4-NOTCH3-HDAC4 axis in ovarian cancer stem cells. , 2021, , .		0
6	An LC-MS/MS method for determination of O 6 -benzylguanine and its metabolite O 6 -benzylxanthoguanine in human plasma. <i>Biomedical Chromatography</i> , 2020, 34, e4750.	0.8	0
7	GPR68 Is a Neuroprotective Proton Receptor in Brain Ischemia. <i>Stroke</i> , 2020, 51, 3690-3700.	1.0	20
8	A New Strategy of Overcoming both Matrix Effect and Shortage of Reference Standards for Determination of Multi-components in the Rhizomes of <i>Alpinia officinarum</i> Hance Using UHPLC-MS/MS with Single Exogenous Internal Standard. <i>Food Analytical Methods</i> , 2020, 13, 1867-1878.	1.3	2
9	5-Fluorouracil Enhances the Antitumor Activity of the Glutaminase Inhibitor CB-839 against <i>PIK3CA</i> -Mutant Colorectal Cancers. <i>Cancer Research</i> , 2020, 80, 4815-4827.	0.4	49
10	Unraveling the Molecular Mechanisms of <i>Fructus Anisi Stellati</i> as a Remedy for Infantile Colic by Network Pharmacology. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	5
11	ZIP4 Is a Novel Cancer Stem Cell Marker in High-Grade Serous Ovarian Cancer. <i>Cancers</i> , 2020, 12, 3692.	1.7	12
12	Anti- <i>Helicobacter pylori</i> -associated gastritis effect of the ethyl acetate extract of <i>Alpinia officinarum</i> Hance through MAPK signaling pathway. <i>Journal of Ethnopharmacology</i> , 2020, 260, 113100.	2.0	8
13	A Selective Fluorogenic Peptide Substrate for the Human Mitochondrial ATP-Dependent Protease Complex ClpXP. <i>ChemBioChem</i> , 2020, 21, 2037-2048.	1.3	2
14	A Proteolytic Site-Directed Affinity Label to Inhibit the Human ATP-Dependent Protease Caseinolytic Complex XP. <i>ChemBioChem</i> , 2020, 21, 2049-2059.	1.3	0
15	Whole body deletion of <i>Gpr68</i> does not change hematopoietic stem cell function. <i>Stem Cell Research</i> , 2020, 47, 101869.	0.3	1
16	Targeting Lysophosphatidic Acid in Cancer: The Issues in Moving from Bench to Bedside. <i>Cancers</i> , 2019, 11, 1523.	1.7	35
17	Onset of Telomere Dysfunction and Fusions in Human Ovarian Carcinoma. <i>Cells</i> , 2019, 8, 414.	1.8	3
18	Tracking Decitabine Incorporation into Malignant Myeloid Cell DNA in vitro and in vivo by LC-MS/MS with Enzymatic Digestion. <i>Scientific Reports</i> , 2019, 9, 4558.	1.6	13

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19	Analysis of oxygen-18 labeled phosphate to study positional isotope experiments using LC-QTOF-MS. <i>Analytical Biochemistry</i> , 2019, 566, 62-66.	1.1	1
20	Loss of Gpr68 Enhances Hematopoietic Stem Cell Function during Aging. <i>Blood</i> , 2019, 134, 3719-3719.	0.6	0
21	GPR68 Senses Flow and Is Essential for Vascular Physiology. <i>Cell</i> , 2018, 173, 762-775.e16.	13.5	205
22	Development and validation of an LC-MS/MS method for quantitative determination of GS87, a novel antineoplastic agent, in mouse plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 145-151.	1.4	1
23	Microwave-assisted enzymatic hydrolysis of DNA for mass spectrometric analysis: A new strategy for accelerated hydrolysis. <i>Analytical Biochemistry</i> , 2018, 546, 28-34.	1.1	7
24	RNF126 as a Biomarker of a Poor Prognosis in Invasive Breast Cancer and CHEK1 Inhibitor Efficacy in Breast Cancer Cells. <i>Clinical Cancer Research</i> , 2018, 24, 1629-1643.	3.2	30
25	An LC-MS/MS method for simultaneous determination of curcumin, curcumin glucuronide and curcumin sulfate in a phase II clinical trial. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 189-198.	1.4	61
26	MAGEA1 inhibits the expression of BORIS via increased promoter methylation. <i>Journal of Cell Science</i> , 2018, 132, .	1.2	3
27	Changes in mRNA/protein expression and signaling pathways in in vivo passaged mouse ovarian cancer cells. <i>PLoS ONE</i> , 2018, 13, e0197404.	1.1	8
28	Lysophospholipid Signaling in the Epithelial Ovarian Cancer Tumor Microenvironment. <i>Cancers</i> , 2018, 10, 227.	1.7	38
29	Simultaneous determination of dihydrotestosterone and its metabolites in mouse sera by LC-MS/MS with chemical derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1090, 22-35.	1.2	11
30	A rapid and sensitive LC-MS/MS method for quantitative analysis of cardiolipin (18:2)4 in human leukocytes and mouse skeletal muscles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 386-394.	1.4	3
31	Determination of fatty acid methyl esters derived from algae <i>Scenedesmus dimorphus</i> biomass by GC-MS with one-step esterification of free fatty acids and transesterification of glycerolipids. <i>Journal of Separation Science</i> , 2017, 40, 2214-2227.	1.3	11
32	The emerging role of zinc transporters in cellular homeostasis and cancer. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, .	7.1	178
33	Determination of MLN0128, an investigational antineoplastic agent, in human plasma by LC-MS/MS. <i>Biomedical Chromatography</i> , 2017, 31, e3818.	0.8	1
34	Fucosylation Deficiency in Mice Leads to Colitis and Adenocarcinoma. <i>Gastroenterology</i> , 2017, 152, 193-205.e10.	0.6	48
35	The novel ZIP4 regulation and its role in ovarian cancer. <i>Oncotarget</i> , 2017, 8, 90090-90107.	0.8	27
36	"LPA Regulates SOX9 in Ovarian Cancer Cells. <i>Obstetrics &amp; Gynecology Open Access</i> , 2017, 1, .	0.0	2

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37	OGR1/GPR68 Modulates the Severity of Experimental Autoimmune Encephalomyelitis and Regulates Nitric Oxide Production by Macrophages. <i>PLoS ONE</i> , 2016, 11, e0148439.	1.1	15
38	The Lipidomic Analyses in Low and Highly Aggressive Ovarian Cancer Cell Lines. <i>Lipids</i> , 2016, 51, 179-187.	0.7	8
39	Oncogenic PIK3CA mutations reprogram glutamine metabolism in colorectal cancer. <i>Nature Communications</i> , 2016, 7, 11971.	5.8	203
40	Novel Protein Disulfide Isomerase Inhibitor with Anticancer Activity in Multiple Myeloma. <i>Cancer Research</i> , 2016, 76, 3340-3350.	0.4	90
41	Determination of triapine, a ribonucleotide reductase inhibitor, in human plasma by liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2015, 29, 1380-1387.	0.8	5
42	Long-term antiviral efficacy of entecavir and liver histology improvement in Chinese patients with hepatitis B virus-related cirrhosis. <i>World Journal of Gastroenterology</i> , 2015, 21, 7869.	1.4	23
43	The microenvironment reprograms circuits in tumor cells. <i>Molecular and Cellular Oncology</i> , 2015, 2, e969634.	0.3	3
44	FOXM1 is a downstream target of LPA and YAP oncogenic signaling pathways in high grade serous ovarian cancer. <i>Oncotarget</i> , 2015, 6, 27688-27699.	0.8	40
45	Adoptive Transfer of Myeloid-Derived Suppressor Cells and T Cells in a Prostate Cancer Model. <i>Bio-protocol</i> , 2015, 5, .	0.2	0
46	DEVELOPMENT OF A LIQUID CHROMATOGRAPHIC METHOD FOR QUANTITATIVE DETERMINATION OF TRIAPINE, A RIBONUCLEOTIDE REDUCTASE INHIBITOR, BY SPECTROPHOTOMETRIC STUDY OF TRIAPINE COMPLEXATION REACTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1351-1372.	0.5	1
47	Mediatorless Immunoassay with Voltage-Controlled Intrinsic Amplification for Ultrasensitive and Rapid Detection of Microorganism Pathogens. <i>ChemElectroChem</i> , 2014, 1, 741-746.	1.7	2
48	Development and validation of LC-MS/MS method for quantitative determination of ( $\alpha$ )-securinine in mouse plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 19-26.	1.2	3
49	Reclaiming the Efficacy of $\beta$ -Lactam- $\beta$ -Lactamase Inhibitor Combinations: Avibactam Restores the Susceptibility of CMY-2-Producing <i>Escherichia coli</i> to Ceftazidime. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4290-4297.	1.4	35
50	Hypoxic conditions differentially regulate TAZ and YAP in cancer cells. <i>Archives of Biochemistry and Biophysics</i> , 2014, 562, 31-36.	1.4	30
51	The role of LPA and YAP signaling in long-term migration of human ovarian cancer cells. <i>Cell Communication and Signaling</i> , 2013, 11, 31.	2.7	119
52	Plasma choline-containing phospholipids: potential biomarkers for colorectal cancer progression. <i>Metabolomics</i> , 2013, 9, 202-212.	1.4	19
53	Fatty acid synthase causes drug resistance by inhibiting TNF- $\alpha$ and ceramide production. <i>Journal of Lipid Research</i> , 2013, 54, 776-785.	2.0	55
54	Ovarian cancer G protein coupled receptor 1 suppresses cell migration of MCF7 breast cancer cells via a $\text{G}\beta\gamma$ /12/13-Rho-Rac1 pathway. <i>Journal of Molecular Signaling</i> , 2013, 8, 6.	0.5	41

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55	Correction: The role of LPA and YAP signaling in long-term migration of human ovarian cancer cells. <i>Cell Communication and Signaling</i> , 2013, 11, 92.	2.7	0
56	Elevated Phospholipase A2 Activities in Plasma Samples from Multiple Cancers. <i>PLoS ONE</i> , 2013, 8, e57081.	1.1	18
57	The Lysophosphatidic Acid Receptor LPA <sub>1</sub> Promotes Epithelial Cell Apoptosis after Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 355-364.	1.4	110
58	Elevated and secreted phospholipase A <sub>2</sub> activities as new potential therapeutic targets in human epithelial ovarian cancer. <i>FASEB Journal</i> , 2012, 26, 3306-3320.	0.2	51
59	Response to Brosch et al. <i>Cell Metabolism</i> , 2012, 15, 267-269.	7.2	5
60	From COX-2 inhibitor nimesulide to potent anti-cancer agent: Synthesis, in vitro, in vivo and pharmacokinetic evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 432-444.	2.6	53
61	Combination Therapy of an Inhibitor of Group VIA Phospholipase A2 with Paclitaxel Is Highly Effective in Blocking Ovarian Cancer Development. <i>American Journal of Pathology</i> , 2011, 179, 452-461.	1.9	22
62	Tumor cell group via phospholipase A <sub>2</sub> is involved in prostate cancer development. <i>Prostate</i> , 2011, 71, 373-384.	1.2	9
63	Group VIA phospholipase A <sub>2</sub> in both host and tumor cells is involved in ovarian cancer development. <i>FASEB Journal</i> , 2010, 24, 4103-4116.	0.2	58
64	An extremely simple method for extraction of lysophospholipids and phospholipids from blood samples. <i>Journal of Lipid Research</i> , 2010, 51, 652-659.	2.0	133
65	Lysophosphatidic acid stimulates cell migration, invasion, and colony formation as well as tumorigenesis/metastasis of mouse ovarian cancer in immunocompetent mice. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 1692-1701.	1.9	42
66	Measurement of endogenous lysophosphatidic acid by ESI-MS/MS in plasma samples requires pre-separation of lysophosphatidylcholine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3739-3742.	1.2	51
67	Quantitative Determination of Cannabinoid Receptor Antagonist Surinabant in Human Plasma by LC-UV and LC-ESI-MS/MS Methods. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2424-2436.	0.5	1
68	Lipid Generation and Signaling in Ovarian Cancer. <i>Cancer Treatment and Research</i> , 2009, 149, 241-267.	0.2	5
69	Abnormalities in Osteoclastogenesis and Decreased Tumorigenesis in Mice Deficient for Ovarian Cancer G Protein-Coupled Receptor 1. <i>PLoS ONE</i> , 2009, 4, e5705.	1.1	77
70	S1P differentially regulates migration of human ovarian cancer and human ovarian surface epithelial cells. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1993-2002.	1.9	57
71	Plasma Lysophosphatidylcholine Levels: Potential Biomarkers for Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2007, 25, 2696-2701.	0.8	174
72	Ovarian Cancer G Protein Coupled Receptor 1, a New Metastasis Suppressor Gene in Prostate Cancer. <i>Journal of the National Cancer Institute</i> , 2007, 99, 1313-1327.	3.0	81

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73	Lysophosphatidic Acid Is Constitutively Produced by Human Peritoneal Mesothelial Cells and Enhances Adhesion, Migration, and Invasion of Ovarian Cancer Cells. <i>Cancer Research</i> , 2006, 66, 3006-3014.	0.4	179
74	Hypoxia Enhances Lysophosphatidic Acid Responsiveness in Ovarian Cancer Cells and Lysophosphatidic Acid Induces Ovarian Tumor Metastasis In vivo. <i>Cancer Research</i> , 2006, 66, 7983-7990.	0.4	132
75	Caspase-3-dependent Activation of Calcium-independent Phospholipase A2 Enhances Cell Migration in Non-apoptotic Ovarian Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 29357-29368.	1.6	100
76	GPR4 plays a critical role in endothelial cell function and mediates the effects of sphingosylphosphorylcholine. <i>FASEB Journal</i> , 2005, 19, 1-27.	0.2	64
77	A Simple and Quantitative Method for Analysis of Methoxyamine by Capillary Zone Electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2433-2443.	0.5	2
78	Determination of Genistein and Daidzein in Human Plasma by Liquid Chromatography and Tandem Mass Spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 481-499.	0.5	7
79	Measurement of the anticancer agent gemcitabine and its deaminated metabolite at low concentrations in human plasma by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 802, 263-270.	1.2	31
80	Biology of LPA in health and disease. <i>Seminars in Cell and Developmental Biology</i> , 2004, 15, 503-512.	2.3	67
81	Lysophospholipids are potential biomarkers of ovarian cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004, 13, 1185-91.	1.1	143
82	A novel laminin-induced lysophosphatidic acid autocrine loop in the migration of ovarian cancer cells. <i>FASEB Journal</i> , 2003, 17, 1-24.	0.2	75
83	Unfolding the Pathophysiological Role of Bioactive Lysophospholipids. <i>Current Drug Targets Immune, Endocrine and Metabolic Disorders</i> , 2003, 3, 23-32.	1.8	44
84	Unfolding the pathophysiological role of bioactive lysophospholipids. <i>Current Drug Targets Immune, Endocrine and Metabolic Disorders</i> , 2003, 3, 23-32.	1.8	33
85	ISOLATION AND QUANTITATION OF PLASMA LY SOPHOSPHATIDIC ACIDS BY SOLID-PHASE EXTRACTION AND CAPILLARY ELECTROPHORESIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 843-855.	0.5	10
86	Sphingosylphosphorylcholine and lysophosphatidylcholine: G protein-coupled receptors and receptor-mediated signal transduction. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1582, 81-88.	1.2	195
87	Lysophosphatidylcholine as a Ligand for the Immunoregulatory Receptor G2A. <i>Science</i> , 2001, 293, 702-705.	6.0	315
88	Electrospray Ionization Mass Spectrometry Analysis of Lysophospholipids in Human Ascitic Fluids: Comparison of the Lysophospholipid Contents in Malignant vs Nonmalignant Ascitic Fluids. <i>Analytical Biochemistry</i> , 2001, 290, 302-313.	1.1	220
89	Fatty Acid Composition of Lysophosphatidic Acid and Lysophosphatidylinositol in Plasma from Patients with Ovarian Cancer and Other Gynecological Diseases. <i>Gynecologic Oncology</i> , 2001, 83, 25-30.	0.6	66
90	Sphingosylphosphorylcholine is a ligand for ovarian cancer G-protein-coupled receptor 1. <i>Nature Cell Biology</i> , 2000, 2, 261-267.	4.6	269

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91	Evaluation of Plasma Lysophospholipids for Diagnostic Significance Using Electrospray Ionization Mass Spectrometry (ESI-MS) Analyses. <i>Annals of the New York Academy of Sciences</i> , 2000, 905, 242-259.	1.8	150
92	Sphingosine-1-phosphate modulates growth and adhesion of ovarian cancer cells. <i>FEBS Letters</i> , 1999, 460, 513-518.	1.3	83
93	Capillary Electrophoresis. <i>Analytical Chemistry</i> , 1999, 71, 309-313.	3.2	16
94	Selective Determination of a Group of Organic Compounds in Complex Sample Matrixes by LC/MIMS with On-Line Immunoaffinity Extraction. <i>Analytical Chemistry</i> , 1998, 70, 931-935.	3.2	36
95	Michaelis-Menten Analysis of Alkaline Phosphatase by Capillary Electrophoresis Using Plug-Plug Reaction. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1998, 21, 2781-2797.	0.5	25
96	Lysophosphatidic Acid as a Potential Biomarker for Ovarian and Other Gynecologic Cancers. <i>JAMA - Journal of the American Medical Association</i> , 1998, 280, 719.	3.8	570
97	Effect of lysophospholipids on signaling in the human Jurkat T cell line. <i>Journal of Cellular Physiology</i> , 1995, 163, 441-450.	2.0	82