

Elaine Leung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4169997/publications.pdf>

Version: 2024-02-01

112
papers

4,782
citations

109137

35
h-index

118652

62
g-index

113
all docs

113
docs citations

113
times ranked

6823
citing authors

#	ARTICLE	IF	CITATIONS
1	Ginseng polysaccharides alter the gut microbiota and kynurenine/tryptophan ratio, potentiating the antitumour effect of antiprogrammed cell death 1/programmed cell death ligand 1 (anti-PD-1/PD-L1) immunotherapy. <i>Gut</i> , 2022, 71, 734-745.	6.1	177
2	miR-7/TGF- β 2 axis sustains acidic tumor microenvironment-induced lung cancer metastasis. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 821-837.	5.7	15
3	Pyronaridine induces apoptosis in non-small cell lung cancer cells by upregulating death receptor 5 expression and inhibiting epidermal growth factor receptor. <i>Chemical Biology and Drug Design</i> , 2022, 99, 83-91.	1.5	8
4	IKK β mediates homeostatic function in inflammation via competitively phosphorylating AMPK and $\text{I}\kappa\text{B}\alpha$. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 651-664.	5.7	9
5	Emodin induces apoptosis and suppresses non-small-cell lung cancer growth via downregulation of sPLA2-IIa. <i>Phytomedicine</i> , 2022, 95, 153786.	2.3	21
6	Curcumenol triggered ferroptosis in lung cancer cells via lncRNA H19/miR-19b-3p/FTH1 axis. <i>Bioactive Materials</i> , 2022, 13, 23-36.	8.6	61
7	A tRNA-derived fragment from Chinese yew suppresses ovarian cancer growth via targeting TRPA1. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 718-732.	2.3	19
8	CRISPR/Cas-Based Genome Editing for Human Gut Commensal <i>Bacteroides</i> Species. <i>ACS Synthetic Biology</i> , 2022, 11, 464-472.	1.9	30
9	Resistance looms for KRAS G12C inhibitors and rational tackling strategies. , 2022, 229, 108050.		34
10	Andrographolide suppresses non-small-cell lung cancer progression through induction of autophagy and antitumor immune response. <i>Pharmacological Research</i> , 2022, 179, 106198.	3.1	21
11	Targeting Mutant Kirsten Rat Sarcoma Viral Oncogene Homolog in Non-Small Cell Lung Cancer: Current Difficulties, Integrative Treatments and Future Perspectives. <i>Frontiers in Pharmacology</i> , 2022, 13, 875330.	1.6	4
12	Comparative Genomics Reveals Insights into the Divergent Evolution of Astigmatic Mites and Household Pest Adaptations. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	13
13	Do we need different machine learning algorithms for QSAR modeling? A comprehensive assessment of 16 machine learning algorithms on 14 QSAR data sets. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	70
14	Early lung cancer diagnostic biomarker discovery by machine learning methods. <i>Translational Oncology</i> , 2021, 14, 100907.	1.7	99
15	Roles of Ion Fluxes, Metabolism, and Redox Balance in Cancer Therapy. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 1108-1127.	2.5	4
16	Accuracy or novelty: what can we gain from target-specific machine-learning-based scoring functions in virtual screening?. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	26
17	β -elemene enhances the antitumor activity of erlotinib by inducing apoptosis through AMPK and MAPK pathways in TKI-resistant H1975 lung cancer cells. <i>Journal of Cancer</i> , 2021, 12, 2285-2294.	1.2	16
18	The functional landscape of Golgi membrane protein 1 (GOLM1) phosphoproteome reveal GOLM1 regulating P53 that promotes malignancy. <i>Cell Death Discovery</i> , 2021, 7, 42.	2.0	9

#	ARTICLE	IF	CITATIONS
19	Comparison of analgesic activities of aconitine in different mice pain models. PLoS ONE, 2021, 16, e0249276.	1.1	21
20	Potential prognostic factors in progression-free survival for patients with cervical cancer. BMC Cancer, 2021, 21, 531.	1.1	10
21	Plumbagin suppresses non-small cell lung cancer progression through downregulating ARF1 and by elevating CD8+ T cells. Pharmacological Research, 2021, 169, 105656.	3.1	9
22	Luteolin and its derivative apigenin suppress the inducible PD-L1 expression to improve anti-tumor immunity in KRAS-mutant lung cancer. Cancer Letters, 2021, 515, 36-48.	3.2	91
23	In silico study of intrinsic dynamics of full-length apo-ACE2 and RBD-ACE2 complex. Computational and Structural Biotechnology Journal, 2021, 19, 5455-5465.	1.9	11
24	Metabolomics and integrated network pharmacology analysis reveal Tricin as the active anti-cancer component of Weijing decoction by suppression of PRKCA and sphingolipid signaling. Pharmacological Research, 2021, 171, 105574.	3.1	38
25	Immune checkpoints and immunotherapy in non-small cell lung cancer: Novel study progression, challenges and solutions (Review). Oncology Letters, 2021, 22, 787.	0.8	8
26	A method establishment and comparison of in vivo lung cancer model development platforms for evaluation of tumour metabolism and pharmaceutical efficacy. Phytomedicine, 2021, 96, 153831.	2.3	1
27	Clinical Features and Risk Factors Analysis for Hemorrhage in Adults on ECMO. Frontiers in Medicine, 2021, 8, 731106.	1.2	8
28	Compound Taxus chinensis Capsule Combined with Chemotherapy for Non-Small-Cell Lung Cancer: A PRISMA-Compliant Systematic Review and Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-10.	0.5	4
29	The Scientific Foundation of Chinese Herbal Medicine against COVID-19. Engineering, 2020, 6, 1099-1107.	3.2	33
30	Experience of N-acetylcysteine airway management in the successful treatment of one case of critical condition with COVID-19. Medicine (United States), 2020, 99, e22577.	0.4	25
31	Long-term aspirin use for primary cancer prevention: An updated systematic review and subgroup meta-analysis of 29 randomized clinical trials. Journal of Cancer, 2020, 11, 6460-6473.	1.2	12
32	Traditional Chinese medicine in cardiovascular drug discovery. Pharmacological Research, 2020, 160, 105168.	3.1	22
33	Current strategies against COVID-19. Chinese Medicine, 2020, 15, 70.	1.6	15
34	Evodiamine suppresses non-small cell lung cancer by elevating CD8+ T cells and downregulating the MUC1-C/PD-L1 axis. Journal of Experimental and Clinical Cancer Research, 2020, 39, 249.	3.5	56
35	Discovery of Novel IDH1 Inhibitor Through Comparative Structure-Based Virtual Screening. Frontiers in Pharmacology, 2020, 11, 579768.	1.6	15
36	Clinical diagnostic value of long non-coding RNAs in Colorectal Cancer: A systematic review and meta-analysis. Journal of Cancer, 2020, 11, 5518-5526.	1.2	8

#	ARTICLE	IF	CITATIONS
37	Microbiome technology empowers the development of traditional Chinese medicine. <i>Science China Life Sciences</i> , 2020, 63, 1759-1761.	2.3	4
38	Epidemiological and clinical characteristics analysis of COVID-19 in the surrounding areas of Wuhan, Hubei Province in 2020. <i>Pharmacological Research</i> , 2020, 157, 104821.	3.1	48
39	Kanglaite injection plus fluorouracil-based chemotherapy on the reduction of adverse effects and improvement of clinical effectiveness in patients with advanced malignant tumors of the digestive tract. <i>Medicine (United States)</i> , 2020, 99, e19480.	0.4	10
40	Chelidonine selectively inhibits the growth of gefitinib-resistant non-small cell lung cancer cells through the EGFR-AMPK pathway. <i>Pharmacological Research</i> , 2020, 159, 104934.	3.1	21
41	A review of therapeutic agents and Chinese herbal medicines against SARS-COV-2 (COVID-19). <i>Pharmacological Research</i> , 2020, 158, 104929.	3.1	95
42	Bletilla striata oligosaccharides improve metabolic syndrome through modulation of gut microbiota and intestinal metabolites in high fat diet-fed mice. <i>Pharmacological Research</i> , 2020, 159, 104942.	3.1	31
43	GORAB promotes embryonic lung maturation through antagonizing AKT phosphorylation, versican expression, and mesenchymal cell migration. <i>FASEB Journal</i> , 2020, 34, 4918-4933.	0.2	0
44	Association of Dietary Fiber and Yogurt Consumption With Lung Cancer Risk. <i>JAMA Oncology</i> , 2020, 6, 788.	3.4	7
45	Compound Kushen injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A meta-analysis of 37 RCTs following the PRISMA guidelines. <i>Journal of Cancer</i> , 2020, 11, 1883-1898.	1.2	27
46	Artificial intelligence-based collaborative filtering method with ensemble learning for personalized lung cancer medicine without genetic sequencing. <i>Pharmacological Research</i> , 2020, 160, 105037.	3.1	11
47	Modulation of gut microbiota to overcome resistance to immune checkpoint blockade in cancer immunotherapy. <i>Current Opinion in Pharmacology</i> , 2020, 54, 1-10.	1.7	35
48	Natural products-based polypharmacological modulation of the peripheral immune system for the treatment of neuropsychiatric disorders. , 2020, 208, 107480.		18
49	Commentary on Ge et al. "Insomnia and risk of mortality from all-cause, cardiovascular disease, and cancer: Systematic review and meta-analysis of prospective cohort studies". <i>Sleep Medicine Reviews</i> , 2020, 50, 101257.	3.8	4
50	Chemical composition and pharmacological mechanism of Qingfei Paidu Decoction and Ma Xing Shi Gan Decoction against Coronavirus Disease 2019 (COVID-19): In silico and experimental study. <i>Pharmacological Research</i> , 2020, 157, 104820.	3.1	171
51	Prognostic significance of tumor poliovirus receptor and CTLA4 expression in patients with surgically resected non-small-cell lung cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1441-1450.	1.2	11
52	ROS-Responsive Berberine Polymeric Micelles Effectively Suppressed the Inflammation of Rheumatoid Arthritis by Targeting Mitochondria. <i>Nano-Micro Letters</i> , 2020, 12, 76.	14.4	60
53	Pretreatment neutrophil-to-lymphocyte ratio is a predictive biomarker for EGFR TKI-treated patients with advanced EGFR- mutant Non-small cell lung cancer. <i>Translational Cancer Research</i> , 2020, 9, 2875-2883.	0.4	5
54	A single bacterium restores the microbiome dysbiosis to protect bones from destruction in a rat model of rheumatoid arthritis. <i>Microbiome</i> , 2019, 7, 107.	4.9	101

#	ARTICLE	IF	CITATIONS
55	p53 sensitizes chemoresistant non-small cell lung cancer via elevation of reactive oxygen species and suppression of EGFR/PI3K/AKT signaling. <i>Cancer Cell International</i> , 2019, 19, 188.	1.8	45
56	Discovery of a novel protein kinase C activator from <i>Croton tiglium</i> for inhibition of non-small cell lung cancer. <i>Phytomedicine</i> , 2019, 65, 153100.	2.3	10
57	MicroRNA-421 confers paclitaxel resistance by binding to the KEAP1 3'UTR and predicts poor survival in non-small cell lung cancer. <i>Cell Death and Disease</i> , 2019, 10, 821.	2.7	56
58	Traditional Chinese Medicine as a Treatment for Rheumatoid Arthritis: From Empirical Practice to Evidence-Based Therapy. <i>Engineering</i> , 2019, 5, 895-906.	3.2	32
59	Concurrent use of herbal products with prescription drugs is a double-edged sword and evidence-based medicine contributes to reshaping the practice. <i>Pharmacological Research</i> , 2019, 141, 609-610.	3.1	6
60	Long-term efficacy of Chinese medicine Bushen Capsule on cognition and brain activity in patients with amnesic mild cognitive impairment. <i>Pharmacological Research</i> , 2019, 146, 104319.	3.1	20
61	Identification of metabolic vulnerabilities of receptor tyrosine kinases-driven cancer. <i>Nature Communications</i> , 2019, 10, 2701.	5.8	82
62	Cordycepin Inhibits Drug-resistance Non-small Cell Lung Cancer Progression by Activating AMPK Signaling Pathway. <i>Pharmacological Research</i> , 2019, 144, 79-89.	3.1	66
63	Network pharmacology based investigation into the effect and mechanism of Modified Sijunzi Decoction against the subtypes of chronic atrophic gastritis. <i>Pharmacological Research</i> , 2019, 144, 158-166.	3.1	56
64	Identification of a new inhibitor of KRAS-PDE4 γ interaction targeting KRAS mutant nonsmall cell lung cancer. <i>International Journal of Cancer</i> , 2019, 145, 1334-1345.	2.3	29
65	Compound Kushen injection plus platinum-based chemotherapy for stage IIIB/IV non-small cell lung cancer. <i>Medicine (United States)</i> , 2019, 98, e18552.	0.4	10
66	Efficacy and safety of Shenqi Fuzheng injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer. <i>Medicine (United States)</i> , 2019, 98, e17350.	0.4	19
67	Computational study on the selective inhibition mechanism of MS402 to the first and second bromodomains of BRD4. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 3-11.	1.5	16
68	Histone methyltransferase KMT2D sustains prostate carcinogenesis and metastasis via epigenetically activating LIFR and KLF4. <i>Oncogene</i> , 2018, 37, 1354-1368.	2.6	101
69	High-quality assembly of <i>Dermatophagoides pteronyssinus</i> genome and transcriptome reveals a wide range of novel allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2268-2271.e8.	1.5	34
70	Suppression of Lipogenesis via Reactive Oxygen Species-AMPK Signaling for Treating Malignant and Proliferative Diseases. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 339-357.	2.5	39
71	Licochalcone A activates Keap1-Nrf2 signaling to suppress arthritis via phosphorylation of p62 at serine 349. <i>Free Radical Biology and Medicine</i> , 2018, 115, 471-483.	1.3	57
72	Novel therapeutic strategy for cancer and autoimmune conditions: Modulating cell metabolism and redox capacity. , 2018, 191, 148-161.		24

#	ARTICLE	IF	CITATIONS
73	Identification of a new pyruvate kinase M2 isoform (PKM2) activator for the treatment of non-small-cell lung cancer (NSCLC). <i>Chemical Biology and Drug Design</i> , 2018, 92, 1851-1858.	1.5	17
74	A novel homozygous variant of GPR98 causes usher syndrome type IIC in a consanguineous Chinese family by next generation sequencing. <i>BMC Medical Genetics</i> , 2018, 19, 99.	2.1	24
75	High-quality assembly of <i>Dermatophagoides pteronyssinus</i> genome and transcriptome reveals a wide range of novel allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB286.	1.5	0
76	Classical molecular dynamics and metadynamics simulations decipher the mechanism of CBP30 selectively inhibiting CBP/p300 bromodomains. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6521-6530.	1.5	17
77	Proscillaridin A induces apoptosis and suppresses non-small-cell lung cancer tumor growth via calcium-induced DR4 upregulation. <i>Cell Death and Disease</i> , 2018, 9, 696.	2.7	44
78	New C 19 -diterpenoid alkaloids from the parent roots of <i>Aconitum carmichaelii</i> . <i>Tetrahedron Letters</i> , 2017, 58, 1622-1626.	0.7	12
79	Identification of mitoxantrone as a new inhibitor of ROS1 fusion protein in non-small cell lung cancer cells. <i>MedChemComm</i> , 2017, 8, 621-624.	3.5	6
80	Advanced technologies charting a new path for traditional Chinese medicine drug discovery. <i>Pharmacological Research</i> , 2017, 117, 65-66.	3.1	12
81	Identification of a potent kinase inhibitor targeting EML4-ALK fusion protein in non-small cell lung cancer. <i>MedChemComm</i> , 2017, 8, 1914-1918.	3.5	0
82	Selective inhibition mechanism of RVX-208 to the second bromodomain of bromo and extraterminal proteins: insight from microsecond molecular dynamics simulations. <i>Scientific Reports</i> , 2017, 7, 8857.	1.6	26
83	Suppressing mPGES-1 expression by sinomenine ameliorates inflammation and arthritis. <i>Biochemical Pharmacology</i> , 2017, 142, 133-144.	2.0	60
84	Shikonin inhibits gefitinib-resistant non-small cell lung cancer by inhibiting TrxR and activating the EGFR proteasomal degradation pathway. <i>Pharmacological Research</i> , 2017, 115, 45-55.	3.1	74
85	Identification of potential genetic causal variants for rheumatoid arthritis by whole-exome sequencing. <i>Oncotarget</i> , 2017, 8, 111119-111129.	0.8	20
86	Honokiol Induces Apoptosis, G1 Arrest, and Autophagy in KRAS Mutant Lung Cancer Cells. <i>Frontiers in Pharmacology</i> , 2017, 08, 199.	1.6	45
87	Identification of a New Potent Inhibitor Targeting KRAS in Non-small Cell Lung Cancer Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 823.	1.6	34
88	Targeting T-cell malignancies using anti-CD4 CAR NK-92 cells. <i>Oncotarget</i> , 2017, 8, 112783-112796.	0.8	78
89	Novel direct AMPK activator suppresses non-small cell lung cancer through inhibition of lipid metabolism. <i>Oncotarget</i> , 2017, 8, 96089-96102.	0.8	21
90	Clinical statistics analysis on the characteristics of pneumoconiosis of Chinese miner population. <i>Journal of Thoracic Disease</i> , 2016, 8, 2203-2211.	0.6	11

#	ARTICLE	IF	CITATIONS
91	Compound Library Screening Identified Cardiac Glycoside Digitoxin as an Effective Growth Inhibitor of Gefitinib-Resistant Non-Small Cell Lung Cancer via Downregulation of β -Tubulin and Inhibition of Microtubule Formation. <i>Molecules</i> , 2016, 21, 374.	1.7	24
92	Identification of Oxygenated Fatty Acid as a Side Chain of Lipo-Alkaloids in <i>Aconitum carmichaelii</i> by UHPLC-Q-TOF-MS and a Database. <i>Molecules</i> , 2016, 21, 437.	1.7	17
93	Anti-cancer and anti-inflammatory new vukognavine-type alkaloid from the roots of <i>Aconitum carmichaelii</i> . <i>Tetrahedron Letters</i> , 2016, 57, 5881-5884.	0.7	22
94	Combined use of PI3K and MEK inhibitors synergistically inhibits lung cancer with EGFR and KRAS mutations. <i>Oncology Reports</i> , 2016, 36, 365-375.	1.2	15
95	Advanced research technology for discovery of new effective compounds from Chinese herbal medicine and their molecular targets. <i>Pharmacological Research</i> , 2016, 111, 546-555.	3.1	25
96	Targeting Tyrosine Kinase Inhibitor-Resistant Non-Small Cell Lung Cancer by Inducing Epidermal Growth Factor Receptor Degradation via Methionine 790 Oxidation. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 263-279.	2.5	70
97	SCD1 is associated with tumor promotion, late stage and poor survival in lung adenocarcinoma. <i>Oncotarget</i> , 2016, 7, 39970-39979.	0.8	69
98	(Z)-3,4,5,4'-trans-tetramethoxystilbene, a new analogue of resveratrol, inhibits gefitinib-resistant non-small cell lung cancer via selectively elevating intracellular calcium level. <i>Scientific Reports</i> , 2015, 5, 16348.	1.6	38
99	Rapid identification of new minor chemical constituents from <i>Smilacis Glabrae Rhizoma</i> by combined use of UHPLC-QTOF-MS, preparative HPLC and UHPLC-SPENMR-MS techniques. <i>Phytochemical Analysis</i> , 2015, 26, 428-435.	1.2	17
100	Metabolites Software-Assisted Flavonoid Hunting in Plants Using Ultra-High Performance Liquid Chromatography-Quadrupole-Time of Flight Mass Spectrometry. <i>Molecules</i> , 2015, 20, 3955-3971.	1.7	16
101	Mutation of cysteine 46 in IKK-beta increases inflammatory responses. <i>Oncotarget</i> , 2015, 6, 31805-31819.	0.8	26
102	Quantitative evaluation of berberine subcellular distribution and cellular accumulation in non-small cell lung cancer cells by UPLC-MS/MS. <i>Talanta</i> , 2015, 144, 20-28.	2.9	17
103	Flavonoids derived from liquorice suppress murine macrophage activation by up-regulating heme oxygenase-1 independent of Nrf2 activation. <i>International Immunopharmacology</i> , 2015, 28, 917-924.	1.7	48
104	Celastrol Induces Apoptosis in Gefitinib-Resistant Non-Small Cell Lung Cancer Cells via Caspases-Dependent Pathways and Hsp90 Client Protein Degradation. <i>Molecules</i> , 2014, 19, 3508-3522.	1.7	40
105	Metabolite Analysis of Toosendanin by an Ultra-High Performance Liquid Chromatography-Quadrupole-Time of Flight Mass Spectrometry Technique. <i>Molecules</i> , 2013, 18, 12144-12153.	1.7	20
106	Perspective: The clinical trial barriers. <i>Nature</i> , 2011, 480, S100-S100.	18.7	25
107	A novel <i>KIF5B-ALK</i> variant in nonsmall cell lung cancer. <i>Cancer</i> , 2011, 117, 2709-2718.	2.0	86
108	Non-Small Cell Lung Cancer Cells Expressing CD44 Are Enriched for Stem Cell-Like Properties. <i>PLoS ONE</i> , 2010, 5, e14062.	1.1	387

#	ARTICLE	IF	CITATIONS
109	Src Promotes Survival and Invasion of Lung Cancers with Epidermal Growth Factor Receptor Abnormalities and Is a Potential Candidate for Molecular-Targeted Therapy. <i>Molecular Cancer Research</i> , 2009, 7, 923-932.	1.5	43
110	Double <i>EGFR</i> mutants containing rare <i>EGFR</i> mutant types show reduced <i>in vitro</i> response to gefitinib compared with common activating missense mutations. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2142-2151.	1.9	67
111	The <i>EML4-ALK</i> fusion gene is involved in various histologic types of lung cancers from nonsmokers with wild-type <i>EGFR</i> and <i>KRAS</i> . <i>Cancer</i> , 2009, 115, 1723-1733.	2.0	705
112	Generation and characterization of functional cardiomyocytes using induced pluripotent stem cells derived from human fibroblasts. <i>Cell Biology International</i> , 2009, 33, 1184-1193.	1.4	120