

Yi Feng

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,298
citations

147801

31
h-index

161849

54
g-index

90
all docs

90
docs citations

90
times ranked

5026
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in <i>TUBB8</i> and Human Oocyte Meiotic Arrest. <i>New England Journal of Medicine</i> , 2016, 374, 223-232.	27.0	212
2	The wound inflammatory response exacerbates growth of pre-neoplastic cells and progression to cancer. <i>EMBO Journal</i> , 2015, 34, 2219-2236.	7.8	210
3	Dynamic control of proinflammatory cytokines IL-1 β and TNF- α by macrophages in zebrafish spinal cord regeneration. <i>Nature Communications</i> , 2018, 9, 4670.	12.8	210
4	Live Imaging of Innate Immune Cell Sensing of Transformed Cells in Zebrafish Larvae: Parallels between Tumor Initiation and Wound Inflammation. <i>PLoS Biology</i> , 2010, 8, e1000562.	5.6	185
5	PGE ₂ production at sites of tissue injury promotes an anti-inflammatory neutrophil phenotype and determines the outcome of inflammation resolution in vivo. <i>Science Advances</i> , 2018, 4, eaar8320.	10.3	165
6	Efficient coupling of Sec23-Sec24 to Sec13-Sec31 drives COPII-dependent collagen secretion and is essential for normal craniofacial development. <i>Journal of Cell Science</i> , 2008, 121, 3025-3034.	2.0	158
7	Multicomponent Reactions for <i>de Novo</i> Synthesis of BODIPY Probes: <i>In Vivo</i> Imaging of Phagocytic Macrophages. <i>Journal of the American Chemical Society</i> , 2013, 135, 16018-16021.	13.7	127
8	Live Imaging of Tumor Initiation in Zebrafish Larvae Reveals a Trophic Role for Leukocyte-Derived PGE ₂ . <i>Current Biology</i> , 2012, 22, 1253-1259.	3.9	109
9	Changes in network centrality of psychopathology symptoms between the COVID-19 outbreak and after peak. <i>Molecular Psychiatry</i> , 2020, 25, 3140-3149.	7.9	105
10	Endometrial progesterone resistance and PCOS. <i>Journal of Biomedical Science</i> , 2014, 21, 2.	7.0	102
11	SCOTfluors: Small, Conjugatable, Orthogonal, and Tunable Fluorophores for <i>In Vivo</i> Imaging of Cell Metabolism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6911-6915.	13.8	100
12	Intense electroacupuncture normalizes insulin sensitivity, increases muscle GLUT4 content, and improves lipid profile in a rat model of polycystic ovary syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E551-E559.	3.5	75
13	The STAT3-IL-10-IL-6 Pathway Is a Novel Regulator of Macrophage Efferocytosis and Phenotypic Conversion in Sterile Liver Injury. <i>Journal of Immunology</i> , 2018, 200, 1169-1187.	0.8	74
14	Increasing Need for Uniqueness in Contemporary China: Empirical Evidence. <i>Frontiers in Psychology</i> , 2018, 9, 554.	2.1	72
15	Chemical Modulation of <i>In Vivo</i> Macrophage Function with Subpopulation-Specific Fluorescent Prodrug Conjugates. <i>ACS Central Science</i> , 2017, 3, 995-1005.	11.3	68
16	Stimulation of hepatocarcinogenesis by neutrophils upon induction of oncogenic kras expression in transgenic zebrafish. <i>Journal of Hepatology</i> , 2015, 63, 420-428.	3.7	65
17	Hypothalamic Neuroendocrine Functions in Rats with Dihydrotestosterone-Induced Polycystic Ovary Syndrome: Effects of Low-Frequency Electro-Acupuncture. <i>PLoS ONE</i> , 2009, 4, e6638.	2.5	59
18	The Hippo Pathway Regulates Caveolae Expression and Mediates Flow Response via Caveolae. <i>Current Biology</i> , 2019, 29, 242-255.e6.	3.9	56

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19	Spatiotemporal expression of androgen receptors in the female rat brain during the oestrous cycle and the impact of exogenous androgen administration: A comparison with gonadally intact males. <i>Molecular and Cellular Endocrinology</i> , 2010, 321, 161-174.	3.2	55
20	Inflammation drives wound hyperpigmentation in zebrafish by recruiting pigment cells to sites of tissue damage. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 508-15.	2.4	54
21	Combination of Diane-35 and Metformin to Treat Early Endometrial Carcinoma in PCOS Women with Insulin Resistance. <i>Journal of Cancer</i> , 2014, 5, 173-181.	2.5	54
22	Direct effects of metformin in the endometrium: a hypothetical mechanism for the treatment of women with PCOS and endometrial carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 41.	8.6	54
23	Pivotal role of hmx2 and hmx3 in zebrafish inner ear and lateral line development. <i>Developmental Biology</i> , 2010, 339, 507-518.	2.0	49
24	When altruists cannot help: the influence of altruism on the mental health of university students during the COVID-19 pandemic. <i>Globalization and Health</i> , 2020, 16, 61.	4.9	48
25	Electrical and manual acupuncture stimulation affect oestrous cyclicity and neuroendocrine function in an 5 α -dihydrotestosterone-induced rat polycystic ovary syndrome model. <i>Experimental Physiology</i> , 2012, 97, 651-662.	2.0	43
26	Inhibition of the Activation and Recruitment of Microglia-Like Cells Protects Against Neomycin-Induced Ototoxicity. <i>Molecular Neurobiology</i> , 2015, 51, 252-267.	4.0	42
27	Imaging innate immune responses at tumour initiation: new insights from fish and flies. <i>Nature Reviews Cancer</i> , 2015, 15, 556-562.	28.4	41
28	Wound healing in zebrafish. <i>Nature</i> , 2009, 459, 921-923.	27.8	39
29	Revealing the Hidden Mechanisms of Smoke-Induced Fallopian Tubal Implantation1. <i>Biology of Reproduction</i> , 2012, 86, 131.	2.7	39
30	Regulation of Androgen Receptor Expression Alters AMPK Phosphorylation in the Endometrium: In Vivo and In Vitro Studies in Women with Polycystic Ovary Syndrome. <i>International Journal of Biological Sciences</i> , 2015, 11, 1376-1389.	6.4	39
31	Proteolytic and Opportunistic Breaching of the Basement Membrane Zone by Immune Cells during Tumor Initiation. <i>Cell Reports</i> , 2019, 27, 2837-2846.e4.	6.4	36
32	Coronin-1C and RCC2 guide mesenchymal migration by trafficking Rac1 and controlling GEF exposure. <i>Journal of Cell Science</i> , 2014, 127, 4292-307.	2.0	32
33	Resveratrol Is Not as Effective as Physical Exercise for Improving Reproductive and Metabolic Functions in Rats with Dihydrotestosterone-Induced Polycystic Ovary Syndrome. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	1.2	30
34	Modelling human wiskott aldrich syndrome protein mutants in zebrafish larvae using live in vivo imaging. <i>Journal of Cell Science</i> , 2013, 126, 4077-84.	2.0	28
35	SCOTfluors: Small, Conjugatable, Orthogonal, and Tunable Fluorophores for In Vivo Imaging of Cell Metabolism. <i>Angewandte Chemie</i> , 2019, 131, 6985-6989.	2.0	28
36	Electroacupuncture Promotes Insulin-Like Growth Factors System in Ovariectomized Osteoporosis Rats. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 889-897.	3.8	27

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37	Prevalence of psychiatric diagnosis and related psychopathological symptoms among patients with COVID-19 during the second wave of the pandemic. <i>Globalization and Health</i> , 2021, 17, 44.	4.9	27
38	Circulating estradiol and hypothalamic corticotrophin releasing hormone enhances along with time after ovariectomy in rats: Effects of electroacupuncture. <i>Neuropeptides</i> , 2005, 39, 433-438.	2.2	26
39	Distinct Expression Pattern of Dicer1 Correlates with Ovarian-Derived Steroid Hormone Receptor Expression in Human Fallopian Tubes during Ovulation and the Midsecretory Phase. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E869-E877.	3.6	24
40	Effects of androgen and leptin on behavioral and cellular responses in female rats. <i>Hormones and Behavior</i> , 2011, 60, 427-438.	2.1	23
41	Early stages of retinal development depend on Sec13 function. <i>Biology Open</i> , 2013, 2, 256-266.	1.2	21
42	Photoactivatable metabolic warheads enable precise and safe ablation of target cells in vivo. <i>Nature Communications</i> , 2021, 12, 2369.	12.8	20
43	A highly selective fluorogenic probe for the detection and in vivo imaging of Cu/Zn superoxide dismutase. <i>Chemical Communications</i> , 2016, 52, 9093-9096.	4.1	19
44	Endostatin promotes the anabolic program of rabbit chondrocyte. <i>Cell Research</i> , 2005, 15, 201-206.	12.0	18
45	Involvement of nociceptin/orphanin FQ in release of hypothalamic GnRH mediated by ORL1 receptor in ovariectomized rats. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 1039-1044.	6.1	17
46	Elevated estrogen receptor expression in hypothalamic preoptic area decreased by electroacupuncture in ovariectomized rats. <i>Neuroscience Letters</i> , 2011, 494, 109-113.	2.1	15
47	Inflammatory Responses during Tumour Initiation: From Zebrafish Transgenic Models of Cancer to Evidence from Mouse and Man. <i>Cells</i> , 2020, 9, 1018.	4.1	15
48	Comparison of the diagnostic values of circulating steroid hormones, VEGF-A, PIGF, and ADAM12 in women with ectopic pregnancy. <i>Journal of Translational Medicine</i> , 2013, 11, 44.	4.4	13
49	Lack of cyclical fluctuations of endometrial GLUT4 expression in women with polycystic ovary syndrome: Evidence for direct regulation of GLUT4 by steroid hormones. <i>BBA Clinical</i> , 2015, 4, 85-91.	4.1	13
50	Expression of brain prolactin releasing peptide (PrRP) changes in the estrous cycle of female rats. <i>Neuroscience Letters</i> , 2007, 419, 38-42.	2.1	12
51	Role of hypothalamus nociceptin/orphanin FQ in pre-ovulatory luteinizing hormone surge of estrogen and progesterone-primed, ovariectomized rats. <i>Acta Pharmacologica Sinica</i> , 2007, 28, 1189-1197.	6.1	11
52	Protein kinase C alpha and beta are positive regulators of thrombus formation in vivo in a zebrafish (<i>Danio rerio</i>) model of thrombosis. <i>Journal of Thrombosis and Haemostasis</i> , 2011, 9, 2457-2465.	3.8	11
53	Influence of Public Engagement with Science on Scientific Information Literacy During the COVID-19 Pandemic. <i>Science and Education</i> , 2022, 31, 619-633.	2.7	11
54	What protects us against the COVID-19 threat? Cultural tightness matters. <i>BMC Public Health</i> , 2021, 21, 2139.	2.9	11

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55	Hippo-Yap/Taz signalling in zebrafish regeneration. <i>Npj Regenerative Medicine</i> , 2022, 7, 9.	5.2	11
56	The Regulation of Nitric Oxide Synthase Isoform Expression in Mouse and Human Fallopian Tubes: Potential Insights for Ectopic Pregnancy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 49-67.	4.1	9
57	Live imaging the earliest host innate immune response to preneoplastic cells using a zebrafish inducible KalTA4-ERT2/UAS system. <i>Methods in Cell Biology</i> , 2017, 138, 137-150.	1.1	9
58	Live Imaging of Innate Immune and Preneoplastic Cell Interactions Using an Inducible Gal4/UAS Expression System in Larval Zebrafish Skin. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	8
59	Stromal cell-specific apoptotic and antiestrogenic mechanisms may explain uterine defects in humans after clomiphene citrate therapy. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 65.e1-65.e10.	1.3	6
60	Aplnr/a/b Sequentially Regulate Organ Left-Right Patterning via Distinct Mechanisms. <i>International Journal of Biological Sciences</i> , 2019, 15, 1225-1239.	6.4	6
61	Nano-Sampling and Reporter Tools to Study Metabolic Regulation in Zebrafish. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 15.	3.7	6
62	Central administration of Orphanin FQ inhibits GnRH secretion by ORL1 receptor in the median eminence of freely moving ovariectomized rats. <i>Neuroscience Bulletin</i> , 2009, 25, 1-6.	2.9	5
63	Quantitative analysis of hormones and inflammatory cytokines in Chlamydia trachomatis-infected women with tubal ectopic pregnancy and early intrauterine pregnancy. <i>Data in Brief</i> , 2016, 6, 135-142.	1.0	5
64	PTPN21/Pez Is a Novel and Evolutionarily Conserved Key Regulator of Inflammation In Vivo. <i>Current Biology</i> , 2021, 31, 875-883.e5.	3.9	5
65	Metabolic Alterations in Preneoplastic Development Revealed by Untargeted Metabolomic Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 684036.	3.7	5
66	Prevalence of post-traumatic stress disorder symptoms among patients with mental disorder during the COVID-19 pandemic. <i>BMC Psychiatry</i> , 2022, 22, 156.	2.6	5
67	Opportunities presented by zebrafish larval models to study neutrophil function in tissues. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 148, 106234.	2.8	5
68	Overexposure to COVID-19 information amplifies emotional distress: a latent moderated mediation model. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	3
69	Mcm5 Represses Endodermal Migration through Cxcr4a-itgb1b Cascade Instead of Cell Cycle Control. <i>Biomolecules</i> , 2022, 12, 286.	4.0	2
70	Acupuncture for Smoking Cessation. , 2010, , 426-436.		1
71	Acupuncture in Polycystic Ovary Syndrome: Potential and Challenge. , 2013, , 487-515.		1
72	The Impact of Wound Inflammation on Cancer Progression: Studies in Fish and Patients. , 2017, , 183-199.		1

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73	Characterization of a Monoclonal Antibody That Antagonizes the Function of Human Endostatin. Hybridoma, 2005, 24, 42-49.	0.4	0
74	02-P009 In vivo, live imaging of immune surveillance in a V12HRAS induced zebrafish tumor model. Mechanisms of Development, 2009, 126, S62.	1.7	0
75	03-P091 COPII-dependent vesicular traffic is necessary for normal eye development in zebrafish. Mechanisms of Development, 2009, 126, S93-S94.	1.7	0
76	20-P014 Dynamic, in vivo analysis of WASp function in Zebrafish larvae. Mechanisms of Development, 2009, 126, S309.	1.7	0
77	Helping hand for melanoma invasion: Transparent zebrafish can catch macrophages in the act. Pigment Cell and Melanoma Research, 2018, 31, 459-460.	3.3	0
78	Editorial: Deciphering Phagocyte Functions Across Different Species. Frontiers in Cell and Developmental Biology, 2021, 9, 712929.	3.7	0
79	Effect of Acupuncture on Drug Addiction. , 2010, , 460-472.		0
80	Inflammation at the inception of cancer: using fish and fly to tell the story. Biochemist, 2017, 39, 8-11.	0.5	0