

# Chang-Xi Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,030  
citations

516710

16  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

661  
citing authors

#	ARTICLE	IF	CITATIONS
1	The immunomodulatory effect of koumine on B cells under dependent and independent responses by T cells. <i>European Journal of Pharmacology</i> , 2022, 914, 174690.	3.5	13
2	A glutamatergic basal forebrain to midbrain circuit mediates wakefulness and defensive behavior. <i>Neuropharmacology</i> , 2022, 208, 108979.	4.1	5
3	APT1-Mediated Depalmitoylation Regulates Hippocampal Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2022, 42, 2662-2677.	3.6	13
4	The anxiolytic effect of koumine on a predatory sound stress-induced anxiety model and its associated molecular mechanisms. <i>Phytomedicine</i> , 2022, 103, 154225.	5.3	10
5	The Modulatory Effect of Motor Cortex Astrocytes on Diabetic Neuropathic Pain. <i>Journal of Neuroscience</i> , 2021, 41, 5287-5302.	3.6	11
6	Streptozotocin-Induced Hyperglycemia Affects the Pharmacokinetics of Koumine and its Anti-Allodynic Action in a Rat Model of Diabetic Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 2021, 12, 640318.	3.5	2
7	Identification of Koumine as a Translocator Protein 18 kDa Positive Allosteric Modulator for the Treatment of Inflammatory and Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 2021, 12, 692917.	3.5	10
8	Koumine modulates spinal microglial M1 polarization and the inflammatory response through the Notch-RBP-J $\delta$ signaling pathway, ameliorating diabetic neuropathic pain in rats. <i>Phytomedicine</i> , 2021, 90, 153640.	5.3	17
9	Investigation of the Possible Allosteric of Koumine Extracted From <i>Gelsemium elegans</i> Benth. and Analgesic Mechanism Associated With Neurosteroids. <i>Frontiers in Pharmacology</i> , 2021, 12, 739618.	3.5	8
10	Enhanced oral bioavailability of koumine by complexation with hydroxypropyl- $\beta$ -cyclodextrin: preparation, optimization, <i>in vivo</i> and <i>in vivo</i> characterization. <i>Drug Delivery</i> , 2021, 28, 2415-2426.	5.7	12
11	Sempervirine Inhibits Proliferation and Promotes Apoptosis by Regulating Wnt/ $\beta$ -Catenin Pathway in Human Hepatocellular Carcinoma. <i>Frontiers in Pharmacology</i> , 2021, 12, 806091.	3.5	8
12	Basal forebrain GABAergic neurons promote arousal and predatory hunting. <i>Neuropharmacology</i> , 2020, 180, 108299.	4.1	7
13	Formulation and Pharmacokinetic Evaluation of a Drug-in-Adhesive Patch for Transdermal Delivery of Koumine. <i>AAPS PharmSciTech</i> , 2020, 21, 297.	3.3	9
14	Glutamatergic lateral hypothalamus promotes defensive behaviors. <i>Neuropharmacology</i> , 2020, 178, 108239.	4.1	15
15	Orally Administered Koumine Persists Longer in the Plasma of Aged Rats Than That of Adult Rats as Assessed by Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Frontiers in Pharmacology</i> , 2020, 11, 1113.	3.5	6
16	Ventral tegmental area GABAergic neurons induce anxiety-like behaviors and promote palatable food intake. <i>Neuropharmacology</i> , 2020, 173, 108114.	4.1	18
17	Koumine Suppresses IL-1 $\beta$ Secretion and Attenuates Inflammation Associated With Blocking ROS/NF- $\kappa$ B/NLRP3 Axis in Macrophages. <i>Frontiers in Pharmacology</i> , 2020, 11, 622074.	3.5	22
18	The analgesic effect and possible mechanisms by which koumine alters type II collagen-induced arthritis in rats. <i>Journal of Natural Medicines</i> , 2019, 73, 217-225.	2.3	23

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19	A new stress model by predatory sound produces persistent anxiety-like behaviours in male SD rats but not ICR mice. <i>Applied Animal Behaviour Science</i> , 2019, 220, 104843.	1.9	1
20	Immunoregulatory Effect of Koumine on Nonalcoholic Fatty Liver Disease Rats. <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	2.2	22
21	Simultaneous Determination of Koumine and Gelsemine in Human Plasma Using HPLC-UV Assay and Its Clinical Application. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 640-649.	0.6	3
22	Koumine Decreases Astrocyte-Mediated Neuroinflammation and Enhances Autophagy, Contributing to Neuropathic Pain From Chronic Constriction Injury in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 989.	3.5	41
23	Koumine Attenuates Neuroglia Activation and Inflammatory Response to Neuropathic Pain. <i>Neural Plasticity</i> , 2018, 2018, 1-13.	2.2	47
24	Koumine exhibits anxiolytic properties without inducing adverse neurological effects on functional observation battery, open-field and Vogel conflict tests in rodents. <i>Journal of Natural Medicines</i> , 2017, 71, 397-408.	2.3	25
25	Analgesic effects and pharmacologic mechanisms of the Gelsemium alkaloid koumine on a rat model of postoperative pain. <i>Scientific Reports</i> , 2017, 7, 14269.	3.3	39
26	SYVN1, an ERAD E3 Ubiquitin Ligase, Is Involved in GABA <sub>A</sub> ±1 Degradation Associated with Methamphetamine-Induced Conditioned Place Preference. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 313.	2.9	13
27	Effects of Koumine on Adjuvant- and Collagen-Induced Arthritis in Rats. <i>Journal of Natural Products</i> , 2016, 79, 2635-2643.	3.0	39
28	Antidepressant-like effects of albiflorin extracted from <i>Radix paeoniae Alba</i> . <i>Journal of Ethnopharmacology</i> , 2016, 179, 9-15.	4.1	77
29	Koumine Enhances Spinal Cord 3±-Hydroxysteroid Oxidoreductase Expression and Activity in a Rat Model of Neuropathic Pain. <i>Molecular Pain</i> , 2015, 11, s12990-015-0050.	2.1	27
30	Puerarin Alleviates Neuropathic Pain by Inhibiting Neuroinflammation in Spinal Cord. <i>Mediators of Inflammation</i> , 2014, 2014, 1-9.	3.0	37
31	Medicinal plants of the genus <i>Gelsemium</i> (Gelsemiaceae, Gentianales)â€”A review of their phytochemistry, pharmacology, toxicology and traditional use. <i>Journal of Ethnopharmacology</i> , 2014, 152, 33-52.	4.1	159
32	Anti-allodynic and Neuroprotective Effects of Koumine, a Benth Alkaloid, in a Rat Model of Diabetic Neuropathy. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 858-864.	1.4	43
33	The active alkaloids of <i>Gelsemium elegans</i> Benth. are potent anxiolytics. <i>Psychopharmacology</i> , 2013, 225, 839-851.	3.1	80
34	Effects of koumine, an alkaloid of <i>Gelsemium elegans</i> Benth., on inflammatory and neuropathic pain models and possible mechanism with allopregnanolone. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 504-514.	2.9	104
35	Preparative separation of alkaloids from <i>Gelsemium elegans</i> Benth. using pH-zone-refining counter-current chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 3695-3698.	3.7	64