

# Hua-Jun Feng

## List of Publications by Year in descending order

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39  
papers

1,346  
citations

331259

21  
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377514

34  
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39  
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39  
docs citations

39  
times ranked

1346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adrenergic $\alpha_2$ receptors are implicated in seizure-induced respiratory arrest in DBA/1 mice. <i>Life Sciences</i> , 2021, 284, 119912.	2.0	7
2	Testosterone attenuates sevoflurane-induced tau phosphorylation and cognitive impairment in neonatal male mice. <i>British Journal of Anaesthesia</i> , 2021, 127, 929-941.	1.5	21
3	Genistein, a Natural Isoflavone, Alleviates Seizure-Induced Respiratory Arrest in DBA/1 Mice. <i>Frontiers in Neurology</i> , 2021, 12, 761912.	1.1	1
4	A potent photoreactive general anesthetic with novel binding site selectivity for GABAA receptors. <i>European Journal of Medicinal Chemistry</i> , 2020, 194, 112261.	2.6	3
5	Repeated generalized seizures can produce calcified cardiac lesions in DBA/1 mice. <i>Epilepsy and Behavior</i> , 2019, 95, 169-174.	0.9	15
6	Etomidate Effects on Desensitization and Deactivation of $\alpha_4\beta_3$ GABAA Receptors Inducibly Expressed in HEK293 TetR Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 100-105.	1.3	8
7	Comparison of $\alpha_1$ and $\alpha_2$ GABAA receptors: Allosteric modulation and identification of subunit arrangement by site-selective general anesthetics. <i>Pharmacological Research</i> , 2018, 133, 289-300.	3.1	20
8	Optogenetic activation of 5-HT neurons in the dorsal raphe suppresses seizure-induced respiratory arrest and produces anticonvulsant effect in the DBA/1 mouse SUDEP model. <i>Neurobiology of Disease</i> , 2018, 110, 47-58.	2.1	71
9	Abnormalities of serotonergic neurotransmission in animal models of SUDEP. <i>Epilepsy and Behavior</i> , 2017, 71, 174-180.	0.9	54
10	Atomoxetine, a norepinephrine reuptake inhibitor, reduces seizure-induced respiratory arrest. <i>Epilepsy and Behavior</i> , 2017, 73, 6-9.	0.9	28
11	The effect of atomoxetine, a selective norepinephrine reuptake inhibitor, on respiratory arrest and cardiorespiratory function in the DBA/1 mouse model of SUDEP. <i>Epilepsy Research</i> , 2017, 137, 139-144.	0.8	28
12	5-Hydroxytryptophan, a precursor for serotonin synthesis, reduces seizure-induced respiratory arrest. <i>Epilepsia</i> , 2016, 57, 1228-1235.	2.6	39
13	Comparison of $\beta$ -Aminobutyric Acid, Type A (GABAA), Receptor $\alpha_4\beta_3$ and $\alpha_1$ Expression Using Flow Cytometry and Electrophysiology. <i>Journal of Biological Chemistry</i> , 2016, 291, 20440-20461.	1.6	23
14	Serotonergic agents act on 5-HT 3 receptors in the brain to block seizure-induced respiratory arrest in the DBA/1 mouse model of SUDEP. <i>Epilepsy and Behavior</i> , 2016, 64, 166-170.	0.9	38
15	Etomidate uniquely modulates the desensitization of recombinant $\alpha_1\beta_3$ GABAA receptors. <i>Neuroscience</i> , 2015, 300, 307-313.	1.1	10
16	Fluoxetine prevents respiratory arrest without enhancing ventilation in DBA/1 mice. <i>Epilepsy and Behavior</i> , 2015, 45, 1-7.	0.9	48
17	Network Experimental Approaches. , 2014, , 55-66.		1
18	Neuronal Network Involvement in Stimulation Therapies for CNS Disorders. , 2014, , 429-442.		1

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19	Modulation of Delta Subunit-Containing GABAA Receptors by Etomidate Depends on Subunit Arrangement. <i>Biophysical Journal</i> , 2013, 104, 637a.	0.2	0
20	Alteration of GABAergic neurotransmission by pulsed infrared laser stimulation. <i>Journal of Neuroscience Methods</i> , 2010, 192, 110-114.	1.3	33
21	Allosteric Modulation of $\alpha 1$ GABAA Receptors. <i>Pharmaceuticals</i> , 2010, 3, 3461-3477.	1.7	8
22	GABAA Receptor $\alpha 1$ Subunit Mutation A322D Associated with Autosomal Dominant Juvenile Myoclonic Epilepsy Reduces the Expression and Alters the Composition of Wild Type GABAA Receptors. <i>Journal of Biological Chemistry</i> , 2010, 285, 26390-26405.	1.6	39
23	Barbiturates Require the N Terminus and First Transmembrane Domain of the $\alpha 1$ Subunit for Enhancement of $\alpha 1\beta 3\gamma 2$ GABAA Receptor Currents. <i>Journal of Biological Chemistry</i> , 2010, 285, 23614-23621.	1.6	22
24	Context-dependent modulation of $\alpha 1\beta 3$ and $\alpha 1\beta 2$ GABAA receptors by penicillin: Implications for phasic and tonic inhibition. <i>Neuropharmacology</i> , 2009, 56, 161-173.	2.0	15
25	The effects of chronic ethanol administration on amygdala neuronal firing and ethanol withdrawal seizures. <i>Neuropharmacology</i> , 2008, 55, 648-653.	2.0	11
26	Alterations of GABA <sub>A</sub> -Receptor Function and Allosteric Modulation During Development of Status Epilepticus. <i>Journal of Neurophysiology</i> , 2008, 99, 1285-1293.	0.9	40
27	Role of the amygdala in ethanol withdrawal seizures. <i>Brain Research</i> , 2007, 1141, 65-73.	1.1	17
28	GABAA-Receptor Mutations Associated With Idiopathic Generalized Epilepsies and Febrile Seizures. , 2007, , 111-142.		0
29	$\alpha$ Subunit Susceptibility Variants E177A and R220H Associated with Complex Epilepsy Alter Channel Gating and Surface Expression of $\alpha 4\beta 2\gamma 2$ GABAA Receptors. <i>Journal of Neuroscience</i> , 2006, 26, 1499-1506.	1.7	81
30	GABAA Receptor Mutations Associated with Generalized Epilepsies <sup>1</sup> . <i>Advances in Pharmacology</i> , 2006, 54, 147-169.	1.2	28
31	Proton Modulation of $\alpha 1\beta 3\gamma 2$ GABAA Receptor Channel Gating and Desensitization. <i>Journal of Neurophysiology</i> , 2004, 92, 1577-1585.	0.9	25
32	Pentobarbital Differentially Modulates $\alpha 1\beta 3\gamma 2$ and $\alpha 1\beta 3\gamma 2L$ GABAA Receptor Currents. <i>Molecular Pharmacology</i> , 2004, 66, 988-1003.	1.0	85
33	GABRD encoding a protein for extra- or peri-synaptic GABAA receptors is a susceptibility locus for generalized epilepsies. <i>Human Molecular Genetics</i> , 2004, 13, 1315-1319.	1.4	299
34	Multiple Actions of Propofol on $\alpha 1\beta 3$ and $\alpha 1\beta 2$ GABAA Receptors. <i>Molecular Pharmacology</i> , 2004, 66, 1517-1524.	1.0	61
35	Repeated generalized audiogenic seizures induce plastic changes on acoustically evoked neuronal firing in the amygdala. <i>Brain Research</i> , 2002, 932, 61-69.	1.1	41
36	Synaptic plasticity in the pathway from the medial geniculate body to the lateral amygdala is induced by seizure repetition. <i>Brain Research</i> , 2002, 946, 198-205.	1.1	20

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37	Modulation of Audiogenically Kindled Seizures by $\hat{1}^3$ -Aminobutyric Acid-Related Mechanisms in the Amygdala. <i>Experimental Neurology</i> , 2001, 172, 477-481.	2.0	38
38	Modulation of Audiogenic Seizures by Histamine and Adenosine Receptors in the Inferior Colliculus. <i>Experimental Neurology</i> , 2000, 163, 264-270.	2.0	18
39	The induction effect of rifampicin on activity of mephenytoin 4-hydroxylase related to M1 mutation of CYP2C19 and gene dose. <i>British Journal of Clinical Pharmacology</i> , 1998, 45, 27-29.	1.1	49