Yanan Zhang

List of Publications by Year
in descending order

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		136740	223531
114	2,957	32	46
papers	citations	h-index	g-index

117	117	117	3120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of trace amineâ€associated receptor 1 attenuates nicotine withdrawalâ€related effects. Addiction Biology, 2022, 27, e13075.	1.4	8
2	Time-economical synthesis of selenofunctionalized heterocycles via I₂O₅-mediated selenylative heterocyclization. Organic and Biomolecular Chemistry, 2022, 20, 420-426.	1.5	16
3	Exploring determinants of agonist efficacy at the CB1 cannabinoid receptor: Analogues of the synthetic cannabinoid receptor agonist EGâ€018. Pharmacology Research and Perspectives, 2022, 10, e00901.	1.1	1
4	TAAR1 regulates drug-induced reinstatement of cocaine-seeking via negatively modulating CaMKIIÎ± activity in the NAc. Molecular Psychiatry, 2022, 27, 2136-2145.	4.1	3
5	Neuropeptide B/W receptor 1 peptidomimetic agonists: Structure-activity relationships and plasma stability. European Journal of Medicinal Chemistry, 2022, 231, 114149.	2.6	3
6	RTICBM-74 Is a Brain-Penetrant Cannabinoid Receptor Subtype 1 Allosteric Modulator that Reduces Alcohol Intake in Rats. Journal of Pharmacology and Experimental Therapeutics, 2022, 380, 153-161.	1.3	3
7	Development of 3-(4-Chlorophenyl)-1-(phenethyl)urea Analogues as Allosteric Modulators of the Cannabinoid Type-1 Receptor: RTICBM-189 is Brain Penetrant and Attenuates Reinstatement of Cocaine-Seeking Behavior. Journal of Medicinal Chemistry, 2022, 65, 257-270.	2.9	7
8	Activation of trace amineâ€associated receptor 1 selectively attenuates the reinforcing effects of morphine. British Journal of Pharmacology, 2021, 178, 933-945.	2.7	14
9	Tumor microenvironment-activatable boolean logic supramolecular nanotheranostics based on a pillar[6]arene for tumor hypoxia imaging and multimodal synergistic therapy. Materials Chemistry Frontiers, 2021, 5, 5846-5856.	3.2	6
10	Role of trace amineâ€‘associated receptor 1 in the medial prefrontal cortex in chronic social stress-induced cognitive deficits in mice. Pharmacological Research, 2021, 167, 105571.	3.1	20
11	Serine metabolism antagonizes antiviral innate immunity by preventing ATP6V0d2-mediated YAP lysosomal degradation. Cell Metabolism, 2021, 33, 971-987.e6.	7.2	51
12	Discovery of Arylsulfonamides as Dual Orexin Receptor Agonists. Journal of Medicinal Chemistry, 2021, 64, 8806-8825.	2.9	12
13	Rational design of cannabinoid type-1 receptor allosteric modulators: Org27569 and PSNCBAM-1 hybrids. Bioorganic and Medicinal Chemistry, 2021, 41, 116215.	1.4	7
14	Encapsulation and pH-responsive release of bortezomib by dopamine grafted hyaluronate nanogels. International Journal of Biological Macromolecules, 2021, 183, 369-378.	3.6	11
15	The selective TAAR1 partial agonist RO5263397 promoted novelty recognition memory in mice. Psychopharmacology, 2021, 238, 3221-3228.	1.5	4
16	Age-specific treatment effects of orexin/hypocretin-receptor antagonism on methamphetamine-seeking behavior. Drug and Alcohol Dependence, 2021, 224, 108719.	1.6	14
17	InÂvitro and in vivo evaluation of virus-induced innate immunity in mouse. STAR Protocols, 2021, 2, 100708.	0.5	0
18	Identification of a Novel Neuropeptide S Receptor Antagonist Scaffold Based on the SHA-68 Core. Pharmaceuticals, 2021, 14, 1024.	1.7	1

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19	Nickel(ii)-catalyzed reductive silylation of alkenyl methyl ethers for the synthesis of alkyl silanes. RSC Advances, 2021, 11, 37083-37088.	1.7	2
20	Hypocretin receptor 1 involvement in cocaine-associated behavior: Therapeutic potential and novel mechanistic insights. Brain Research, 2020, 1731, 145894.	1.1	19
21	Therapeutics development for addiction: Orexin-1 receptor antagonists. Brain Research, 2020, 1731, 145922.	1.1	43
22	Nanonickel Oxides Prepared by Atomic Layer Deposition as Efficient Catalyst for the Dehydrogenation of Nâ€Heterocycles. ChemistrySelect, 2020, 5, 11811-11816.	0.7	5
23	Neuropeptide FF and Its Receptors: Therapeutic Applications and Ligand Development. Journal of Medicinal Chemistry, 2020, 63, 12387-12402.	2.9	20
24	Nickel(II)-Catalyzed Borylation of Alkenyl Methyl Ethers via Câ€“O Bond Cleavage. Organic Letters, 2020, 22, 6424-6428.	2.4	15
25	Antinociceptive, reinforcing, and pruritic effects of the G-protein signalling-biased mu opioid receptor agonist PZM21 in non-human primates. British Journal of Anaesthesia, 2020, 125, 596-604.	1.5	24
26	Effects of a trace amine-associated receptor 1 agonist RO 5263397 on ethanol-induced behavioral sensitization. Behavioural Brain Research, 2020, 390, 112641.	1.2	18
27	Preparing molecularly imprinted nanoparticles of saponins via cooperative imprinting strategy. Journal of Separation Science, 2020, 43, 2162-2171.	1.3	10
28	Bicomponent polymeric micelles for pH-controlled delivery of doxorubicin. Drug Delivery, 2020, 27, 344-357.	2.5	34
29	TA₁ agonists attenuate extendedâ€access cocaine selfâ€administration and yohimbineâ€induced reinstatement of cocaineâ€seeking. British Journal of Pharmacology, 2020, 177, 3403-3414.	2.7	19
30	A silver-catalyzed radical ring-opening reaction of cyclopropanols with sulfonyl oxime ethers. Organic and Biomolecular Chemistry, 2020, 18, 3734-3739.	1.5	21
31	Recent advances in electrospun for drug delivery purpose. Journal of Drug Targeting, 2019, 27, 270-282.	2.1	33
32	Recent progress of functionalised graphene oxide in cancer therapy. Journal of Drug Targeting, 2019, 27, 125-144.	2.1	28
33	The progresses in curcuminoids-based metal complexes: especially in cancer therapy. Future Medicinal Chemistry, 2019, 11, 1035-1056.	1.1	12
34	Synthesis and Pharmacological Evaluation of 1-Phenyl-3-Thiophenylurea Derivatives as Cannabinoid Type-1 Receptor Allosteric Modulators. Journal of Medicinal Chemistry, 2019, 62, 9806-9823.	2.9	12
35	Excellent antitumor and antimetastatic activities based on novel coumarin/pyrazole oxime hybrids. European Journal of Medicinal Chemistry, 2019, 166, 470-479.	2.6	48
36	Advances in curcumin-loaded nanopreparations: improving bioavailability and overcoming inherent drawbacks. Journal of Drug Targeting, 2019, 27, 917-931.	2.1	34

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37	Effects of imidazoline I2 receptor agonists on reserpine-induced hyperalgesia and depressive-like behavior in rats. Behavioural Pharmacology, 2019, 30, 429-434.	0.8	10
38	Recent advances of boronate affinity materials in sample preparation. Analytica Chimica Acta, 2019, 1076, 1-17.	2.6	56
39	Boronate affinity Metalâ€“Organic frameworks for highly efficient cis-diol molecules in-situ enrichment and surface-assisted laser desorption/ionization mass spectrometric detection. Analytica Chimica Acta, 2019, 1065, 40-48.	2.6	35
40	Diarylureas Containing 5-Membered Heterocycles as CB₁ Receptor Allosteric Modulators: Design, Synthesis, and Pharmacological Evaluation. ACS Chemical Neuroscience, 2019, 10, 518-527.	1.7	8
41	Chitosan and dextran stabilized GO-iron oxide nanosheets with high dispersibility for chemotherapy and photothermal ablation. Ceramics International, 2019, 45, 5996-6003.	2.3	19
42	Layer-by-layer modification of magnetic graphene oxide by chitosan and sodium alginate with enhanced dispersibility for targeted drug delivery and photothermal therapy. Colloids and Surfaces B: Biointerfaces, 2019, 176, 462-470.	2.5	79
43	Overcoming the Psychiatric Side Effects of the Cannabinoid CB1 Receptor Antagonists: Current Approaches for Therapeutics Development. Current Topics in Medicinal Chemistry, 2019, 19, 1418-1435.	1.0	69
44	Neuroanatomical characterization of imidazoline I₂ receptor agonistâ€induced antinociception. European Journal of Neuroscience, 2018, 47, 1087-1095.	1.2	4
45	Blocking Alcoholic Steatosis in Mice with a Peripherally Restricted Purine Antagonist of the Type 1 Cannabinoid Receptor. Journal of Medicinal Chemistry, 2018, 61, 4370-4385.	2.9	30
46	Mechanisms of imidazoline I₂ receptor agonistâ€induced antinociception in rats: involvement of monoaminergic neurotransmission. British Journal of Pharmacology, 2018, 175, 1519-1534.	2.7	15
47	Role of trace amine-associated receptor 1 in nicotineâ€™s behavioral and neurochemical effects. Neuropsychopharmacology, 2018, 43, 2435-2444.	2.8	39
48	The imidazoline I2 receptor agonist 2-BFI attenuates hypersensitivity and spinal neuroinflammation in a rat model of neuropathic pain. Biochemical Pharmacology, 2018, 153, 260-268.	2.0	14
49	Effects of Suvorexant, a Dual Orexin/Hypocretin Receptor Antagonist, on Impulsive Behavior Associated with Cocaine. Neuropsychopharmacology, 2018, 43, 1001-1009.	2.8	51
50	Methamphetamine-induced impulsivity during chronic methamphetamine treatment in rats: Effects of the TAAR 1 agonist RO5263397. Neuropharmacology, 2018, 129, 36-46.	2.0	26
51	Synthesis and Evaluation of Orexin-1 Receptor Antagonists with Improved Solubility and CNS Permeability. ACS Chemical Neuroscience, 2018, 9, 587-602.	1.7	9
52	Synthesis of Enantiopure PZM21: A Biased Agonist of the Muâ€Opioid Receptor. European Journal of Organic Chemistry, 2018, 2018, 4006-4012.	1.2	3
53	Tolerance and cross-tolerance to the antinociceptive effects of oxycodone and the imidazoline I2 receptor agonist phenyzoline in adult male rats. Psychopharmacology, 2017, 234, 1871-1880.	1.5	11
54	Role of TAAR1 within the Subregions of the Mesocorticolimbic Dopaminergic System in Cocaine-Seeking Behavior. Journal of Neuroscience, 2017, 37, 882-892.	1.7	45

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55	Modified Synthesis of NOP Receptor Antagonist SB612111. Synthesis, 2017, 49, 1394-1400.	1.2	2
56	Role of intracellular Ca2+ signaling in the antinociceptive and discriminative stimulus effects of the imidazoline I2 receptor agonist 2-BFI in rats. Psychopharmacology, 2017, 234, 3299-3307.	1.5	4
57	Trace amine-associated receptor 1 agonists RO5263397 and RO5166017 attenuate quinpirole-induced yawning but not hypothermia in rats. Behavioural Pharmacology, 2017, 28, 590-593.	0.8	9
58	Novel Diarylurea Based Allosteric Modulators of the Cannabinoid CB1 Receptor: Evaluation of Importance of 6-Pyrrolidinylpyridinyl Substitution. Journal of Medicinal Chemistry, 2017, 60, 7410-7424.	2.9	21
59	The great divide: Separation between inÂvitro and inÂvivo effects of PSNCBAM-based CB 1 receptor allosteric modulators. Neuropharmacology, 2017, 125, 365-375.	2.0	23
60	Allosteric Modulation: An Alternate Approach Targeting the Cannabinoid CB1 Receptor. Medicinal Research Reviews, 2017, 37, 441-474.	5.0	76
61	Discovery of Novel Proline-Based Neuropeptide FF Receptor Antagonists. ACS Chemical Neuroscience, 2017, 8, 2290-2308.	1.7	10
62	Effects of the imidazoline I₂ receptor agonist 2â€BFI on the development of tolerance to and behavioural/physical dependence on morphine in rats. British Journal of Pharmacology, 2016, 173, 1363-1372.	2.7	21
63	Antinociceptive effects of imidazoline I2 receptor agonists in the formalin test in rats. Behavioural Pharmacology, 2016, 27, 377-383.	0.8	13
64	Antinociceptive Interactions between the Imidazoline I2 Receptor Agonist 2-BFI and Opioids in Rats: Role of Efficacy at the Â-Opioid Receptor. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 509-519.	1.3	30
65	Interactions between imidazoline I2 receptor ligands and acetaminophen in adult male rats: antinociception and schedule-controlled responding. Psychopharmacology, 2016, 233, 873-882.	1.5	9
66	Effects of Trace Amine-associated Receptor 1 Agonists on the Expression, Reconsolidation, and Extinction of Cocaine Reward Memory. International Journal of Neuropsychopharmacology, 2016, 19, pyw009.	1.0	29
67	Pyrazole antagonists of the CB1 receptor with reduced brain penetration. Bioorganic and Medicinal Chemistry, 2016, 24, 1063-1070.	1.4	19
68	Hybrids from Farnesylthiosalicylic Acid and Hydroxamic Acid as Dual Rasâ€Related Signaling and Histone Deacetylase (HDAC) Inhibitors: Design, Synthesis and Biological Evaluation. ChemMedChem, 2015, 10, 971-976.	1.6	24
69	Anti-hyperalgesic effects of imidazoline I2 receptor ligands in a rat model of inflammatory pain: interactions with oxycodone. Psychopharmacology, 2015, 232, 3309-3318.	1.5	20
70	Effects of the Trace Amine Associated Receptor 1 Agonist RO5263397 on Abuse-Related Behavioral Indices of Methamphetamine in Rats. International Journal of Neuropsychopharmacology, 2015, 18, pyu060-pyu060.	1.0	42
71	Effect of 1-Substitution on Tetrahydroisoquinolines as Selective Antagonists for the Orexin-1 Receptor. ACS Chemical Neuroscience, 2015, 6, 599-614.	1.7	14
72	Discriminative stimulus effects of the imidazoline I2 receptor ligands BU224 and phenyzoline in rats. European Journal of Pharmacology, 2015, 749, 133-141.	1.7	18

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73	Structureâ€“activity relationships of substituted 1H-indole-2-carboxamides as CB1 receptor allosteric modulators. Bioorganic and Medicinal Chemistry, 2015, 23, 2195-2203.	1.4	31
74	The importance of the 6- and 7-positions of tetrahydroisoquinolines as selective antagonists for the orexin 1 receptor. Bioorganic and Medicinal Chemistry, 2015, 23, 5709-5724.	1.4	17
75	Behavioral effects of the cannabinoid CB₁ receptor allosteric modulator ORG27569 in rats. Pharmacology Research and Perspectives, 2014, 2, e00069.	1.1	36
76	Antihyperalgesic effects of imidazoline <scp>I</scp>₂ receptor ligands in rat models of inflammatory and neuropathic pain. British Journal of Pharmacology, 2014, 171, 1580-1590.	2.7	43
77	Behavioral effects of the imidazoline I2 receptor ligand BU99006 in rats. Behavioural Pharmacology, 2014, 25, 130-136.	0.8	7
78	The trace amine associated receptor 1 agonist RO5263397 attenuates the induction of cocaine behavioral sensitization in rats. Neuroscience Letters, 2014, 566, 67-71.	1.0	46
79	Diarylureas as Allosteric Modulators of the Cannabinoid CB1 Receptor: Structureâ€“Activity Relationship Studies on 1-(4-Chlorophenyl)-3-{3-[6-(pyrrolidin-1-yl)pyridin-2-yl]phenyl}urea (PSNCBAM-1). Journal of Medicinal Chemistry, 2014, 57, 7758-7769.	2.9	40
80	Effects of the cannabinoid CB1 receptor allosteric modulator ORG 27569 on reinstatement of cocaine- and methamphetamine-seeking behavior in rats. Drug and Alcohol Dependence, 2014, 143, 251-256.	1.6	55
81	Identification of N-[(5-{[(4-Methylphenyl)sulfonyl]amino}-3-(trifluoroacetyl)-1H-indol-1-yl)acetyl]-<scp>l</scp>-leucine (NTRC-824), a Neurotensin-like Nonpeptide Compound Selective for the Neurotensin Receptor Type 2. Journal of Medicinal Chemistry, 2014, 57, 7472-7477.	2.9	14
82	Effects of the Trace Amine-Associated Receptor 1 Agonist RO5263397 on Abuse-Related Effects of Cocaine in Rats. Neuropsychopharmacology, 2014, 39, 2309-2316.	2.8	78
83	Identification of Neuropeptide S Antagonists: Structureâ€“Activity Relationship Studies, X-ray Crystallography, and in Vivo Evaluation. ACS Chemical Neuroscience, 2014, 5, 731-744.	1.7	11
84	Identification of 1-({[1-(4-Fluorophenyl)-5-(2-methoxyphenyl)-1H-pyrazol-3-yl]carbonyl}amino)cyclohexane Carboxylic Acid as a Selective Nonpeptide Neurotensin Receptor Type 2 Compound. Journal of Medicinal Chemistry, 2014, 57, 5318-5332.	2.9	21
85	Toward the Development of Bivalent Ligand Probes of Cannabinoid CB1 and Orexin OX1 Receptor Heterodimers. ACS Medicinal Chemistry Letters, 2014, 5, 634-638.	1.3	25
86	Discriminative stimulus effects of the novel imidazoline I2 receptor ligand CR4056 in rats. Scientific Reports, 2014, 4, 6605.	1.6	12
87	Substituted Tetrahydroisoquinolines as Selective Antagonists for the Orexin 1 Receptor. Journal of Medicinal Chemistry, 2013, 56, 6901-6916.	2.9	36
88	Gender difference in epileptogenic effects of 2-BFI and BU224 in mice. European Journal of Pharmacology, 2013, 718, 81-86.	1.7	10
89	Peripherally Selective Diphenyl Purine Antagonist of the CB1 Receptor. Journal of Medicinal Chemistry, 2013, 56, 8066-8072.	2.9	19
90	Truncated Orexin Peptides: Structureâ€“Activity Relationship Studies. ACS Medicinal Chemistry Letters, 2013, 4, 1224-1227.	1.3	18

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91	Effects of imidazoline I2 receptor ligands on acute nociception in rats. NeuroReport, 2012, 23, 73-77.	0.6	22
92	Diphenyl Purine Derivatives as Peripherally Selective Cannabinoid Receptor 1 Antagonists. Journal of Medicinal Chemistry, 2012, 55, 10022-10032.	2.9	31
93	Characterization of the hypothermic effects of imidazoline I₂ receptor agonists in rats. British Journal of Pharmacology, 2012, 166, 1936-1945.	2.7	36
94	Structural analogs of pyrazole and sulfonamide cannabinoids: Effects on acute food intake in mice. European Journal of Pharmacology, 2012, 695, 62-70.	1.7	11
95	Antagonism of the neuropeptide S receptor with RTI-118 decreases cocaine self-administration and cocaine-seeking behavior in rats. Pharmacology Biochemistry and Behavior, 2012, 103, 332-337.	1.3	25
96	Design and Synthesis of Cannabinoid Receptor 1 Antagonists for Peripheral Selectivity. Journal of Medicinal Chemistry, 2012, 55, 2820-2834.	2.9	57
97	Emerging drug targets for pain treatment. European Journal of Pharmacology, 2012, 681, 1-5.	1.7	37
98	Effects of imidazoline I2 receptor agonists and morphine on schedule-controlled responding in rats. Pharmacology Biochemistry and Behavior, 2012, 101, 354-359.	1.3	16
99	Imidazoline I2 receptors: Target for new analgesics?. European Journal of Pharmacology, 2011, 658, 49-56.	1.7	60
100	Morphine-induced antinociception in the rat: Supra-additive interactions with imidazoline I2 receptor ligands. European Journal of Pharmacology, 2011, 669, 59-65.	1.7	34
101	Effects of imidazoline I2 receptor ligands on morphine- and tramadol-induced antinociception in rats. European Journal of Pharmacology, 2011, 670, 435-440.	1.7	36
102	Towards rational design of cannabinoid receptor 1 (CB1) antagonists for peripheral selectivity. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5711-5714.	1.0	29
103	Diaryl urea analogues of SB-334867 as orexin-1 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2980-2985.	1.0	16
104	Synthesis and Biological Evaluation of Bivalent Ligands for the Cannabinoid 1 Receptor. Journal of Medicinal Chemistry, 2010, 53, 7048-7060.	2.9	62
105	Identifying structural features on 1,1-diphenyl-hexahydro-oxazolo[3,4-a]pyrazin-3-ones critical for Neuropeptide S antagonist activity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4064-4067.	1.0	26
106	Conformationally Constrained Analogues of N-(Piperidinyl)-5-(4-Chlorophenyl)-1-(2,4-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (Dic Analysis, And Biological Evaluations. Journal of Medicinal Chemistry, 2008, 51, 3526-3539.	2.9	18
107	A simple guide for predicting regioselectivity in the coupling of polyhaloheteroaromatics. Chemical Communications, 2006, , 299-301.	2.2	106
108	Conformational characteristics of the interaction of SR141716A with the CB1 cannabinoid receptor as determined through the use of conformationally constrained analogs. AAPS Journal, 2006, 8, E665-E671.	2.2	15

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109	Regioselective Couplings of Dibromopyrrole Esters. Synthesis, 2006, 2006, 3883-3887.	1.2	17
110	APPROACHES TO THE SYNTHESIS OF THE LAMELLARINS AND RELATED NATURAL PRODUCTS. A REVIEW. Organic Preparations and Procedures International, 2005, 37, 411-445.	0.6	89
111	Protection of Poorly Nucleophilic Pyrroles.. ChemInform, 2004, 35, no.	0.1	0
112	Protection of poorly nucleophilic pyrroles. Tetrahedron Letters, 2004, 45, 5057-5060.	0.7	37
113	A Modular Synthesis of the Lamellarins:â€‰ Total Synthesis of Lamellarin G Trimethyl Ether. Journal of Organic Chemistry, 2004, 69, 2362-2366.	1.7	111
114	An unusual dehalogenation in the Suzuki coupling of 4-bromopyrrole-2-carboxylates. Tetrahedron Letters, 2003, 44, 427-430.	0.7	62