

# Cecilia Gotti

## List of Publications by Year in descending order

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115  
papers

6,886  
citations

87843

38  
h-index

62565

80  
g-index

119  
all docs

119  
docs citations

119  
times ranked

5219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain nicotinic acetylcholine receptors: native subtypes and their relevance. Trends in Pharmacological Sciences, 2006, 27, 482-491.	4.0	782
2	Subunit Composition of Functional Nicotinic Receptors in Dopaminergic Neurons Investigated with Knock-Out Mice. Journal of Neuroscience, 2003, 23, 7820-7829.	1.7	473
3	Structural and functional diversity of native brain neuronal nicotinic receptors. Biochemical Pharmacology, 2009, 78, 703-711.	2.0	422
4	Diversity of vertebrate nicotinic acetylcholine receptors. Neuropharmacology, 2009, 56, 237-246.	2.0	383
5	Identification of the Nicotinic Receptor Subtypes Expressed on Dopaminergic Terminals in the Rat Striatum. Journal of Neuroscience, 2002, 22, 8785-8789.	1.7	369
6	Heterogeneity and complexity of native brain nicotinic receptors. Biochemical Pharmacology, 2007, 74, 1102-1111.	2.0	260
7	Diversity of native nicotinic receptor subtypes in mammalian brain. Neuropharmacology, 2015, 96, 302-311.	2.0	209
8	Nicotinic Acetylcholine Receptors in the Mesolimbic Pathway: Primary Role of Ventral Tegmental Area $\alpha 6 \beta 2^*$ Receptors in Mediating Systemic Nicotine Effects on Dopamine Release, Locomotion, and Reinforcement. Journal of Neuroscience, 2010, 30, 5311-5325.	1.7	208
9	Rodent Habenulo-interpeduncular Pathway Expresses a Large Variety of Uncommon nAChR Subtypes, But Only the $\alpha 3 \beta 4$ and $\alpha 3 \beta 3 \beta 4$ Subtypes Mediate Acetylcholine Release. Journal of Neuroscience, 2009, 29, 2272-2282.	1.7	205
10	Reciprocal Regulation of Dopamine D1 and D3 Receptor Function and Trafficking by Heterodimerization. Molecular Pharmacology, 2008, 74, 59-69.	1.0	195
11	Neuronal and Extraneuronal Nicotinic Acetylcholine Receptors. Current Neuropharmacology, 2018, 16, 338-349.	1.4	172
12	Expression of Nigrostriatal $\alpha 6$ -Containing Nicotinic Acetylcholine Receptors Is Selectively Reduced, but Not Eliminated, by $\beta 3$ Subunit Gene Deletion. Molecular Pharmacology, 2005, 67, 2007-2015.	1.0	129
13	$\alpha 7$ and non- $\alpha 7$ nicotinic acetylcholine receptors modulate dopamine release <i>in vitro</i> and <i>in vivo</i> in the rat prefrontal cortex. European Journal of Neuroscience, 2009, 29, 539-550.	1.2	121
14	Functional $\alpha 6$ -Containing Nicotinic Receptors Are Present in Chick Retina. Molecular Pharmacology, 1999, 56, 11-19.	1.0	113
15	Selective nicotinic acetylcholine receptor subunit deficits identified in Alzheimer's disease, Parkinson's disease and dementia with Lewy bodies by immunoprecipitation. Neurobiology of Disease, 2006, 23, 481-489.	2.1	105
16	Biogenesis, trafficking and up-regulation of nicotinic ACh receptors. Biochemical Pharmacology, 2013, 86, 1063-1073.	2.0	90
17	Nicotinic Acetylcholine Receptor Subtypes Expression during Rat Retina Development and Their Regulation by Visual Experience. Molecular Pharmacology, 2004, 66, 85-96.	1.0	84
18	Subunit Composition of Nicotinic Receptors in Monkey Striatum: Effect of Treatments with 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine or L-DOPA. Molecular Pharmacology, 2005, 67, 32-41.	1.0	83

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19	Regulation of neuronal nicotinic receptor traffic and expression. <i>Brain Research Reviews</i> , 2007, 55, 134-143.	9.1	81
20	Nicotinic, glutamatergic and dopaminergic synaptic transmission and plasticity in the mesocorticolimbic system: Focus on nicotine effects. <i>Progress in Neurobiology</i> , 2015, 124, 1-27.	2.8	81
21	High Sensitivity Protein Assays on Microarray Silicon Slides. <i>Analytical Chemistry</i> , 2009, 81, 5197-5203.	3.2	75
22	Preoperative administration of the 5-HT <sub>4</sub> receptor agonist prucalopride reduces intestinal inflammation and shortens postoperative ileus via cholinergic enteric neurons. <i>Gut</i> , 2019, 68, 1406-1416.	6.1	69
23	Heterogeneity and Selective Targeting of Neuronal Nicotinic Acetylcholine Receptor (nAChR) Subtypes Expressed on Retinal Afferents of the Superior Colliculus and Lateral Geniculate Nucleus: Identification of a New Native nAChR Subtype $\alpha 3\beta 2$ ( $\alpha 5$ or $\beta 3$ ) Enriched in Retinocollicular Afferents. <i>Molecular Pharmacology</i> , 2005, 68, 1162-1171.	1.0	68
24	The Novel $\alpha 7$ -Nicotinic Acetylcholine Receptor Subtype Is Expressed in Mouse and Human Basal Forebrain: Biochemical and Pharmacological Characterization. <i>Molecular Pharmacology</i> , 2014, 86, 306-317.	1.0	68
25	Partial Deletion of the Nicotinic Cholinergic Receptor $\alpha 4$ or $\beta 2$ Subunit Genes Changes the Acetylcholine Sensitivity of Receptor-Mediated $\text{Ca}^{2+}$ Efflux in Cortex and Thalamus and Alters Relative Expression of $\alpha 4$ and $\beta 2$ Subunits. <i>Molecular Pharmacology</i> , 2008, 73, 1796-1807.	1.0	64
26	Role of neuronal nicotinic acetylcholine receptors (nAChRs) on learning and memory in zebrafish. <i>Psychopharmacology</i> , 2014, 231, 1975-1985.	1.5	61
27	$\alpha 9$ and $\beta 7$ -containing receptors mediate the pro-proliferative effects of nicotine in the A549 adenocarcinoma cell line. <i>British Journal of Pharmacology</i> , 2018, 175, 1957-1972.	2.7	61
28	Competitive Potentiation of Acetylcholine Effects on Neuronal Nicotinic Receptors by Acetylcholinesterase-Inhibiting Drugs. <i>Journal of Neurochemistry</i> , 2008, 75, 2492-2500.	2.1	58
29	Cortico-Thalamic Connectivity is Vulnerable to Nicotine Exposure During Early Postnatal Development through $\alpha 4\beta 2/\alpha 5$ Nicotinic Acetylcholine Receptors. <i>Neuropsychopharmacology</i> , 2010, 35, 2324-2338.	2.8	57
30	Drugs selective for nicotinic receptor subtypes: a real possibility or a dream?. <i>Behavioural Brain Research</i> , 2000, 113, 183-192.	1.2	52
31	A Comparative Study of the Effects of the Intravenous Self-Administration or Subcutaneous Minipump Infusion of Nicotine on the Expression of Brain Neuronal Nicotinic Receptor Subtypes. <i>Molecular Pharmacology</i> , 2010, 78, 287-296.	1.0	51
32	Nitrogen substitution modifies the activity of cytosine on neuronal nicotinic receptor subtypes. <i>European Journal of Pharmacology</i> , 2003, 471, 85-96.	1.7	50
33	$\alpha 7$ and $\alpha 8$ Nicotinic Receptor Subtypes Immunopurified from Chick Retina have Different Immunological, Pharmacological and Functional Properties. <i>European Journal of Neuroscience</i> , 1997, 9, 1201-1211.	1.2	49
34	Nicotine-Modulated Subunit Stoichiometry Affects Stability and Trafficking of $\alpha 4$ Nicotinic Receptor. <i>Journal of Neuroscience</i> , 2013, 33, 12316-12328.	1.7	49
35	Expression of the $\alpha 7$ nAChR subunit duplicate form (CHRFAM7A) is down-regulated in the monocytic cell line THP-1 on treatment with LPS. <i>Journal of Neuroimmunology</i> , 2011, 230, 74-84.	1.1	48
36	Expression and Transcriptional Regulation of the Human $\alpha 3$ Neuronal Nicotinic Receptor Subunit in T Lymphocyte Cell Lines. <i>Journal of Neurochemistry</i> , 1998, 71, 1261-1270.	2.1	45

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37	Pentraxin 3 regulates synaptic function by inducing AMPA receptor clustering via ECM remodeling and $\alpha 1$ -integrin. <i>EMBO Journal</i> , 2019, 38, .	3.5	42
38	Antibodies against neuronal nicotinic receptor subtypes in neurological disorders. <i>Journal of Neuroimmunology</i> , 2000, 102, 89-97.	1.1	41
39	Synthesis, Binding, and Modeling Studies of New Cytisine Derivatives, as Ligands for Neuronal Nicotinic Acetylcholine Receptor Subtypes. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4345-4357.	2.9	40
40	Structure of Neuronal Nicotinic Receptors. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 23, 1-17.	0.8	39
41	$\alpha 3$ subunit is present in different nicotinic receptor subtypes in chick retina. <i>European Journal of Pharmacology</i> , 2000, 393, 23-30.	1.7	38
42	Adolescent nicotine exposure transiently increases high-affinity nicotinic receptors and modulates inhibitory synaptic transmission in rat medial prefrontal cortex. <i>FASEB Journal</i> , 2012, 26, 1810-1820.	0.2	38
43	Expression of mutant $\alpha 2$ nicotinic receptors during development is crucial for epileptogenesis. <i>Human Molecular Genetics</i> , 2009, 18, 1075-1088.	1.4	37
44	Habenular expression of rare missense variants of the $\alpha 4$ nicotinic receptor subunit alters nicotine consumption. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 12.	1.0	35
45	Stable expression and functional characterization of a human nicotinic acetylcholine receptor with $\alpha 6 \beta 2$ properties: discovery of selective antagonists. <i>British Journal of Pharmacology</i> , 2011, 163, 313-329.	2.7	33
46	Design, Synthesis, and Pharmacological Characterization of Novel Spirocyclic Quinuclidinyl- <sup>2</sup> isoxazoline Derivatives as Potent and Selective Agonists of $\alpha 7$ Nicotinic Acetylcholine Receptors. <i>ChemMedChem</i> , 2011, 6, 889-903.	1.6	32
47	Engineering of $\alpha$ -conotoxin MII-derived peptides with increased selectivity for native $\alpha 2 \alpha$ -nicotinic acetylcholine receptors. <i>FASEB Journal</i> , 2011, 25, 3775-3789.	0.2	32
48	Chronic nicotine and withdrawal affect glutamatergic but not nicotinic receptor expression in the mesocorticolimbic pathway in a region-specific manner. <i>Pharmacological Research</i> , 2016, 103, 167-176.	3.1	32
49	$\alpha 4 \beta 4$ , a dimer of cytisine, is a selective partial agonist at $\alpha 4 \beta 2 / \alpha 6 \beta 2$ nAChR with improved selectivity for tobacco smoking cessation. <i>British Journal of Pharmacology</i> , 2013, 168, 835-849.	2.7	31
50	Unlocking Nicotinic Selectivity via Direct C-H Functionalization of ( $\alpha$ )-Cytisine. <i>CheM</i> , 2018, 4, 1710-1725.	5.8	31
51	Choline and nicotine increase glioblastoma cell proliferation by binding and activating $\alpha 7$ - and $\alpha 9$ -containing nicotinic receptors. <i>Pharmacological Research</i> , 2021, 163, 105336.	3.1	30
52	An $\alpha 4 \beta 4$ Nicotinic Receptor Subtype Is Present in Chick Retina: Identification, Characterization and Pharmacological Comparison with the Transfected $\alpha 4 \beta 4$ and $\alpha 6 \beta 4$ Subtypes. <i>Molecular Pharmacology</i> , 2001, 59, 1410-1417.	1.0	29
53	Design of novel $\alpha 7$ -subtype-preferring nicotinic acetylcholine receptor agonists: Application of docking and MM-PBSA computational approaches, synthetic and pharmacological studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6353-6357.	1.0	29
54	Epiboxidine and novel-related analogues: A convenient synthetic approach and estimation of their affinity at neuronal nicotinic acetylcholine receptor subtypes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4651-4654.	1.0	28

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55	Visual Acuity Is Reduced in $\alpha 7$ Nicotinic Receptor Knockout Mice. , 2012, 53, 1211.		28
56	The cytisine derivatives, CC4 and CC26, reduce nicotine-induced conditioned place preference in zebrafish by acting on heteromeric neuronal nicotinic acetylcholine receptors. <i>Psychopharmacology</i> , 2014, 231, 4681-4693.	1.5	28
57	Chick Optic Lobe Contains a Developmentally Regulated $\alpha 5$ Nicotinic Receptor Subtype. <i>Molecular Pharmacology</i> , 2000, 58, 300-311.	1.0	28
58	In vivo chronic nicotine exposure differentially and reversibly affects upregulation and stoichiometry of $\alpha 2$ nicotinic receptors in cortex and thalamus. <i>Neuropharmacology</i> , 2016, 108, 324-331.	2.0	27
59	Proteins and chemical chaperones involved in neuronal nicotinic receptor expression and function: an update. <i>British Journal of Pharmacology</i> , 2018, 175, 1869-1879.	2.7	27
60	Antagonism of the Prokineticin System Prevents and Reverses Allodynia and Inflammation in a Mouse Model of Diabetes. <i>PLoS ONE</i> , 2016, 11, e0146259.	1.1	27
61	Unichiral 2-(2-Pyrrolidinyl)-1,4-benzodioxanes: the 2 <i>R</i> ,2 <i>S</i> Diastereomer of the <i>N</i> -Methyl-7-hydroxy Analogue Is a Potent $\alpha 2$ - and $\alpha 6$ -Nicotinic Acetylcholine Receptor Partial Agonist. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7588-7601.	2.9	26
62	Cytisine and cytisine derivatives. More than smoking cessation aids. <i>Pharmacological Research</i> , 2021, 170, 105700.	3.1	26
63	Neuronal Acetylcholine Nicotinic Receptors as New Targets for Lung Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2016, 22, 2160-2169.	0.9	26
64	Chemistry and Pharmacology of a Series of Unichiral Analogues of 2-(2-Pyrrolidinyl)-1,4-benzodioxane, Prolinol Phenyl Ether, and Prolinol 3-Pyridyl Ether Designed as $\alpha 2$ -Nicotinic Acetylcholine Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6665-6677.	2.9	24
65	Long-term exposure to the new nicotinic antagonist 1,2-bisN-cytisinyethane upregulates nicotinic receptor subtypes of SH-SY5Y human neuroblastoma cells. <i>British Journal of Pharmacology</i> , 2005, 146, 1096-1109.	2.7	23
66	Potent Antiglioblastoma Agents by Hybridizing the Onium-Alkyloxy-Stilbene Based Structures of an $\alpha 7$ -nAChR, $\alpha 9$ -nAChR Antagonist and of a Pro-Oxidant Mitocan. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10531-10544.	2.9	21
67	CHRNA2 and Nocturnal Frontal Lobe Epilepsy: Identification and Characterization of a Novel Loss of Function Mutation. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 17.	1.4	20
68	Synthesis and $\alpha 2$ nicotinic affinity of unichiral 5-(2-pyrrolidinyl)oxazolidinones and 2-(2-pyrrolidinyl)benzodioxanes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5610-5615.	1.0	19
69	Multitarget drug design strategy in Alzheimer's disease: focus on cholinergic transmission and amyloid- $\beta$ aggregation. <i>Future Medicinal Chemistry</i> , 2017, 9, 953-963.	1.1	19
70	5-(2-Pyrrolidinyl)oxazolidinones and 2-(2-pyrrolidinyl)benzodioxanes: Synthesis of all the stereoisomers and $\alpha 2$ nicotinic affinity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 854-859.	1.0	18
71	Antagonism of nicotinic receptors of rat chromaffin cells by N,N,N-trimethyl-1-(4-trans) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Pharmacology</i> , 2000, 129, 1771-1779.	2.7	17
72	Novel tricyclic $\alpha 2$ -isoxazoline and 3-oxo-2-methyl-isoxazolidine derivatives: Synthesis and binding affinity at neuronal nicotinic acetylcholine receptor subtypes. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4498-4508.	1.4	16

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73	From pyrrolidinyl-benzodioxane to pyrrolidinyl-pyridodioxanes, or from unselective antagonism to selective partial agonism at $\alpha 4 \beta 2$ nicotinic acetylcholine receptor. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1132-1144.	2.6	15
74	Molecular and cellular characterization of nicotinic acetylcholine receptor subtypes in the arcuate nucleus of the mouse hypothalamus. <i>European Journal of Neuroscience</i> , 2018, 48, 1600-1619.	1.2	15
75	(+)-Laburnamine, a Natural Selective Ligand and Partial Agonist for the $\alpha 4 \beta 2$ Nicotinic Receptor Subtype. <i>Journal of Natural Products</i> , 2013, 76, 727-731.	1.5	14
76	Modification of the anabaseine pyridine nucleus allows achieving binding and functional selectivity for the $\alpha 3 \beta 4$ nicotinic acetylcholine receptor subtype. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 392-405.	2.6	14
77	The novel hybrid agonist HyNDA-1 targets the D3R-nAChR heteromeric complex in dopaminergic neurons. <i>Biochemical Pharmacology</i> , 2019, 163, 154-168.	2.0	14
78	Increased sensitivity to $\Delta^9$ -THC-induced rewarding effects after seven-week exposure to electronic and tobacco cigarettes in mice. <i>European Neuropsychopharmacology</i> , 2019, 29, 566-576.	0.3	14
79	New Analogues of Epiboxidine Incorporating the 4,5-dihydroisoxazole Nucleus: Synthesis, Binding Affinity at Neuronal Nicotinic Acetylcholine Receptors, and Molecular Modeling Investigations. <i>Chemistry and Biodiversity</i> , 2009, 6, 244-259.	1.0	13
80	Synthesis of novel chiral $\alpha 2$ -isoxazoline derivatives related to ABT-418 and estimation of their affinity at neuronal nicotinic acetylcholine receptor subtypes. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5594-5601.	2.6	13
81	A Promising PET Tracer for Imaging of $\alpha 7$ Nicotinic Acetylcholine Receptors in the Brain: Design, Synthesis, and in Vivo Evaluation of a Dibenzothiophene-Based Radioligand. <i>Molecules</i> , 2015, 20, 18387-18421.	1.7	13
82	New spirocyclic $\alpha 2$ -isoxazoline derivatives related to selective agonists of $\alpha 7$ neuronal nicotinic acetylcholine receptors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5790-5799.	2.6	12
83	Bifunctional compounds targeting both D2 and non- $\alpha 7$ nACh receptors: Design, synthesis and pharmacological characterization. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 367-383.	2.6	12
84	Modifications at C(5) of 2-(2-Pyrrolidinyl)-Substituted 1,4-Benzodioxane Elicit Potent $\alpha 4 \beta 2$ Nicotinic Acetylcholine Receptor Partial Agonism with High Selectivity over the $\alpha 3 \beta 4$ Subtype. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15668-15692.	2.9	12
85	Persistent cognitive and affective alterations at late withdrawal stages after long-term intermittent exposure to tobacco smoke or electronic cigarette vapour: Behavioural changes and their neurochemical correlates. <i>Pharmacological Research</i> , 2020, 158, 104941.	3.1	12
86	Synthesis and binding affinity at $\alpha 4 \beta 2$ and $\alpha 7$ nicotinic acetylcholine receptors of new analogs of epibatidine and epiboxidine containing the 7-azabicyclo[2.2.1]hept-2-ene ring system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 829-832.	1.0	11
87	Behavioural and pharmacological profiles of zebrafish administrated pyrrolidinyl benzodioxanes and prolinol aryl ethers with high affinity for heteromeric nicotinic acetylcholine receptors. <i>Psychopharmacology</i> , 2020, 237, 2317-2326.	1.5	11
88	Synthesis of 3,6-diazabicyclo[3.1.1]heptanes as novel ligands for neuronal nicotinic acetylcholine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6147-6150.	1.0	10
89	Lack of dystrophin functionally affects $\alpha 3 \beta 2 / \alpha 4$ -nicotinic acetylcholine receptors in sympathetic neurons of dystrophic mdx mice. <i>Neurobiology of Disease</i> , 2011, 41, 528-537.	2.1	9
90	Altered mRNA Levels of Stress-Related Peptides in Mouse Hippocampus and Caudate-Putamen in Withdrawal after Long-Term Intermittent Exposure to Tobacco Smoke or Electronic Cigarette Vapour. <i>International Journal of Molecular Sciences</i> , 2021, 22, 599.	1.8	9

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91	Evidence of a dual mechanism of action underlying the anti-proliferative and cytotoxic effects of ammonium-alkyloxy-stilbene-based $\alpha 7$ - and $\alpha 9$ -nicotinic ligands on glioblastoma cells. <i>Pharmacological Research</i> , 2022, 175, 105959.	3.1	9
92	From 2-Triethylammonium Ethyl Ether of 4-Stilbenol (MG624) to Selective Small-Molecule Antagonists of Human $\alpha 10$ Nicotinic Receptor by Modifications at the Ammonium Ethyl Residue. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10079-10097.	2.9	9
93	Anti-Peptide Specific Antibodies for the Characterization of Different $\alpha$ Subunits of $\alpha$ -Bungarotoxin Binding Acetylcholine Receptors Present in Chick Optic Lobe. <i>Journal of Receptors and Signal Transduction</i> , 1993, 13, 453-465.	1.2	8
94	Pyridinyl- and pyridazinyl-3,6-diazabicyclo[3.1.1]heptane-anilines: Novel selective ligands with subnanomolar affinity for $\alpha 2$ nACh receptors. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 401-416.	2.6	8
95	The $\alpha 7$ nicotinic acetylcholine receptor is involved in a direct inhibitory effect of nicotine on GnRH release: In Vitro studies. <i>Molecular and Cellular Endocrinology</i> , 2018, 460, 209-218.	1.6	8
96	Reduced $\alpha 4$ subunit expression in $\alpha 4$ and $\alpha 4$ / $\alpha 2$ nicotinic acetylcholine receptors alters $\alpha 2$ subtype up-regulation following chronic nicotine treatment. <i>British Journal of Pharmacology</i> , 2018, 175, 1944-1956.	2.7	8
97	The fifth subunit in $\alpha 24$ nicotinic receptor is more than an accessory subunit. <i>FASEB Journal</i> , 2018, 32, 4190-4202.	0.2	8
98	Conservation of mechanisms regulating emotional-like responses on spontaneous nicotine withdrawal in zebrafish and mammals. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110334.	2.5	8
99	$\alpha 9$ -Containing Nicotinic Receptors in Cancer. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 805123.	1.8	8
100	Investigating the hydrogen-bond acceptor site of the nicotinic pharmacophore model: a computational and experimental study using epibatidine-related molecular probes. <i>Journal of Computer-Aided Molecular Design</i> , 2013, 27, 975-987.	1.3	7
101	Novel 5-substituted 3-hydroxyphenyl and 3-nitrophenyl ethers of S-prolinol as $\alpha 2$ -nicotinic acetylcholine receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5613-5617.	1.0	7
102	Iridium-Catalysed C-H Borylation of 2-Pyridones; Bisfunctionalisation of CC4. <i>Synthesis</i> , 2018, 50, 3420-3429.	1.2	6
103	A conserved arginine with non-conserved function is a key determinant of agonist selectivity in $\alpha 7$ nicotinic ACh receptors. <i>British Journal of Pharmacology</i> , 2021, 178, 1651-1668.	2.7	6
104	The enantiomers of epiboxidine and of two related analogs: Synthesis and estimation of their binding affinity at $\alpha 2$ and $\alpha 7$ neuronal nicotinic acetylcholine receptors. <i>Chirality</i> , 2012, 24, 543-551.	1.3	5
105	Design of novel 3,6-diazabicyclo[3.1.1]heptane derivatives with potent and selective affinities for $\alpha 2$ neuronal nicotinic acetylcholine receptors. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 429-437.	2.6	5
106	A Small Library of 1,2,3-Triazole Analogs of CAP: Synthesis and Binding Affinity at Nicotinic Acetylcholine Receptors. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800210.	1.0	5
107	Peptide Microarrays on Coated Silicon Slides for Highly Sensitive Antibody Detection. <i>Methods in Molecular Biology</i> , 2010, 669, 147-160.	0.4	5
108	Design, synthesis and binding affinity of acetylcholine carbamoyl analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6481-6485.	1.0	4

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109	Nicotinic acetylcholine receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	4
110	Novel N-aryl nicotinamide derivatives: Taking stock on 3,6-diazabicyclo[3.1.1]heptanes as ligands for neuronal acetylcholine receptors. European Journal of Medicinal Chemistry, 2019, 180, 51-61.	2.6	3
111	Synthesis and Pharmacological Evaluation of $\alpha$ - $\beta$ -Nicotinic Ligands with a 3-Fluoropyrrolidine Nucleus. ChemMedChem, 2015, 10, 1071-1078.	1.6	2
112	In <i>in vivo</i> study of the role of $\alpha$ -containing nicotinic acetylcholine receptor in retinal function using subtype-specific RDP $\alpha$ (E11R) toxin. FASEB Journal, 2017, 31, 192-202.	0.2	2
113	Nicotine inside neurons. Oncotarget, 2016, 7, 81977-81978.	0.8	1
114	Nicotine-induced subunit stoichiometry affects the stability and intracellular trafficking of $\alpha$ 4 $\beta$ 2 nicotinic receptors. Biochemical Pharmacology, 2013, 86, 1225-1226.	2.0	0
115	A Conserved Arginine with Non-Conserved Function is a Key Determinant of Agonist Selectivity in Alpha7 Nicotinic Acetylcholine Receptors. Biophysical Journal, 2021, 120, 55a-56a.	0.2	0