

Marco Gobbi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7666991/publications.pdf>

Version: 2024-02-01

186
papers

8,114
citations

50276

46
h-index

58581

82
g-index

187
all docs

187
docs citations

187
times ranked

11502
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic amyloid- β oligomers impair long-term memory independently of cellular prion protein. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2295-2300.	7.1	435
2	Regulation of leukocyte recruitment by the long pentraxin PTX3. Nature Immunology, 2010, 11, 328-334.	14.5	396
3	A Recessive Mutation in the APP Gene with Dominant-Negative Effect on Amyloidogenesis. Science, 2009, 323, 1473-1477.	12.6	357
4	Alternative Pathway Activation of Complement by Shiga Toxin Promotes Exuberant C3a Formation That Triggers Microvascular Thrombosis. Journal of Immunology, 2011, 187, 172-180.	0.8	220
5	Riluzole enhances the activity of glutamate transporters GLAST, GLT1 and EAAC1. European Journal of Pharmacology, 2008, 578, 171-176.	3.5	205
6	Curcumin-decorated nanoliposomes with very high affinity for amyloid- β 1-42 peptide. Biomaterials, 2011, 32, 1635-1645.	11.4	198
7	Lipid-based nanoparticles with high binding affinity for amyloid- β 1-42 peptide. Biomaterials, 2010, 31, 6519-6529.	11.4	190
8	Doxycycline plus tauroursodeoxycholic acid for transthyretin amyloidosis: a phase II study. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 34-36.	3.0	184
9	Cutting Edge: Scavenging of Inflammatory CC Chemokines by the Promiscuous Putatively Silent Chemokine Receptor D6. Journal of Immunology, 2003, 170, 2279-2282.	0.8	181
10	PEGylated Nanoparticles Bind to and Alter Amyloid-Beta Peptide Conformation: Toward Engineering of Functional Nanomedicines for Alzheimer's Disease. ACS Nano, 2012, 6, 5897-5908.	14.6	164
11	An N-terminal Fragment of the Prion Protein Binds to Amyloid- β Oligomers and Inhibits Their Neurotoxicity in Vivo. Journal of Biological Chemistry, 2013, 288, 7857-7866.	3.4	162
12	Doxycycline in Creutzfeldt-Jakob disease: a phase 2, randomised, double-blind, placebo-controlled trial. Lancet Neurology, The, 2014, 13, 150-158.	10.2	157
13	Carrier-dependent and Ca ²⁺ -dependent 5-HT and dopamine release induced by (+)-amphetamine, 3,4-methylenedioxy-methamphetamine, <i>l</i> -chloroamphetamine and (+)-fenfluramine. British Journal of Pharmacology, 1997, 121, 1735-1743.		155
14	Neuropeptide Y gene therapy decreases chronic spontaneous seizures in a rat model of temporal lobe epilepsy. Brain, 2008, 131, 1506-1515.	7.6	146
15	Development of a Proteolytically Stable Retro-Inverso Peptide Inhibitor of β -Amyloid Oligomerization as a Potential Novel Treatment for Alzheimer's Disease. Biochemistry, 2010, 49, 3261-3272.	2.5	139
16	Selective Nanovector Mediated Treatment of Activated Proinflammatory Microglia/Macrophages in Spinal Cord Injury. ACS Nano, 2013, 7, 9881-9895.	14.6	136
17	Differential Recognition and Scavenging of Native and Truncated Macrophage-Derived Chemokine (Macrophage-Derived Chemokine/CC Chemokine Ligand 22) by the D6 Decoy Receptor. Journal of Immunology, 2004, 172, 4972-4976.	0.8	132
18	The antidepressant mechanism of Hypericum perforatum. Life Sciences, 2004, 75, 1021-1027.	4.3	132

#	ARTICLE	IF	CITATIONS
19	Versatile and Efficient Targeting Using a Single Nanoparticulate Platform: Application to Cancer and Alzheimer's Disease. <i>ACS Nano</i> , 2012, 6, 5866-5879.	14.6	127
20	Targeting Mannose-Binding Lectin Confers Long-Lasting Protection With a Surprisingly Wide Therapeutic Window in Cerebral Ischemia. <i>Circulation</i> , 2012, 126, 1484-1494.	1.6	119
21	Recombinant C1 inhibitor in brain ischemic injury. <i>Annals of Neurology</i> , 2009, 66, 332-342.	5.3	107
22	Clusterin Binds to A β ²¹⁻⁴² Oligomers with High Affinity and Interferes with Peptide Aggregation by Inhibiting Primary and Secondary Nucleation. <i>Journal of Biological Chemistry</i> , 2016, 291, 6958-6966.	3.4	99
23	In Vitro Binding Studies with Two Hypericum Perforatum Extracts - Hyperforin, Hypericin and Biapigenin - on 5-HT ₆ , 5-HT ₇ , GABAA/Benzodiazepine, Sigma, NPY-Y1 /Y2 Receptors and Dopamine Transporters. <i>Pharmacopsychiatry</i> , 2001, 34, 45-48.	3.3	97
24	Misplaced NMDA receptors in epileptogenesis contribute to excitotoxicity. <i>Neurobiology of Disease</i> , 2011, 43, 507-515.	4.4	91
25	Seizure susceptibility and epileptogenesis are decreased in transgenic rats overexpressing neuropeptide Y. <i>Neuroscience</i> , 2002, 110, 237-243.	2.3	90
26	Antiepileptic Effects of Botulinum Neurotoxin E. <i>Journal of Neuroscience</i> , 2005, 25, 1943-1951.	3.6	87
27	A portable optical-fibre-based surface plasmon resonance biosensor for the detection of therapeutic antibodies in human serum. <i>Scientific Reports</i> , 2020, 10, 11154.	3.3	82
28	The binding affinity of anti-A β ²¹⁻⁴² Ab-decorated nanoliposomes to A β ²¹⁻⁴² peptides in vitro and to amyloid deposits in post-mortem tissue. <i>Biomaterials</i> , 2011, 32, 5489-5497.	11.4	76
29	Hypericum perforatum L. extract does not inhibit 5-HT transporter in rat brain cortex. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999, 360, 262-269.	3.0	73
30	Autoradiographic analysis of neuropeptide Y receptor binding sites in the rat hippocampus after kainic acid-induced limbic seizures. <i>Neuroscience</i> , 1996, 70, 47-55.	2.3	70
31	Appraisal of the Role of Angiotensin II and Aldosterone in Ventricular Myocyte Apoptosis in Adult Normotensive Rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 1655-1665.	1.9	70
32	Distinct Changes in Peptide YY Binding to, and mRNA Levels of, Y1 and Y2 Receptors in the Rat Hippocampus Associated with Kindling Epileptogenesis. <i>Journal of Neurochemistry</i> , 1998, 70, 1615-1622.	3.9	70
33	Non-peptidic Thrombospondin-1 Mimics as Fibroblast Growth Factor-2 Inhibitors. <i>Journal of Biological Chemistry</i> , 2010, 285, 8733-8742.	3.4	70
34	Mutant PrP Suppresses Glutamatergic Neurotransmission in Cerebellar Granule Neurons by Impairing Membrane Delivery of VGCC β -1 Subunit. <i>Neuron</i> , 2012, 74, 300-313.	8.1	64
35	Effects of chronic treatment with fluoxetine and citalopram on 5-HT uptake, 5-HT _{1B} autoreceptors, 5-HT ₃ and 5-HT ₄ receptors in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1997, 356, 22-28.	3.0	63
36	Releasing activities of d-fenfluramine and fluoxetine and fluoxetine on rat hippocampal synaptosomes preloaded with [³ H]serotonin. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1992, 345, 1-6.	3.0	62

#	ARTICLE	IF	CITATIONS
37	Gene therapy in epilepsy: The focus on NPY. <i>Peptides</i> , 2007, 28, 377-383.	2.4	62
38	Applications of Surface Plasmon Resonance (SPR) for the Characterization of Nanoparticles Developed for Biomedical Purposes. <i>Sensors</i> , 2012, 12, 16420-16432.	3.8	59
39	Conformational Plasticity of the Gerstmann-Str�ussler-Scheinker Disease Peptide as Indicated by Its Multiple Aggregation Pathways. <i>Journal of Molecular Biology</i> , 2008, 381, 1349-1361.	4.2	56
40	A Surface Plasmon Resonance-based assay to measure serum concentrations of therapeutic antibodies and anti-drug antibodies. <i>Scientific Reports</i> , 2019, 9, 2064.	3.3	53
41	Diazepam binding inhibitor (DBI) increases after acute stress in rat. <i>Neuropharmacology</i> , 1991, 30, 1445-1452.	4.1	52
42	Chronic treatment with desipramine facilitates its effect on extracellular noradrenaline in the rat hippocampus: studies on the role of presynaptic β_2 -adrenoceptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 363, 66-72.	3.0	52
43	<i>p</i> -Chlorophenylalanine Changes Serotonin Transporter mRNA Levels and Expression of the Gene Product. <i>Journal of Neurochemistry</i> , 1996, 67, 463-472.	3.9	52
44	Specific Recognition of Biologically Active Amyloid- β^2 Oligomers by a New Surface Plasmon Resonance-based Immunoassay and an in Vivo Assay in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 27796-27805.	3.4	52
45	Doxycycline counteracts neuroinflammation restoring memory in Alzheimer's disease mouse models. <i>Neurobiology of Aging</i> , 2018, 70, 128-139.	3.1	52
46	New Method Based on Capillary Electrophoresis with Laser-Induced Fluorescence Detection (CE-LIF) to Monitor Interaction between Nanoparticles and the Amyloid- β^2 Peptide. <i>Analytical Chemistry</i> , 2010, 82, 10083-10089.	6.5	50
47	The role and impact of polyethylene glycol on anaphylactic reactions to COVID-19 nano-vaccines. <i>Nature Nanotechnology</i> , 2021, 16, 1169-1171.	31.5	48
48	Plasma and Brain Concentrations of Doxycycline after Single and Repeated Doses in Wild-Type and APP23 Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 32-40.	2.5	46
49	Plastic Changes in Neuropeptide Y Receptor Subtypes in Experimental Models of Limbic Seizures. <i>Epilepsia</i> , 2000, 41, S115-S121.	5.1	44
50	The GTPase-Activating Protein RhoA Controls Focal Adhesion Turnover and Cell Migration. <i>Current Biology</i> , 2013, 23, 2355-2364.	3.9	42
51	Ranolazine prevents INaL enhancement and blunts myocardial remodelling in a model of pulmonary hypertension. <i>Cardiovascular Research</i> , 2014, 104, 37-48.	3.8	42
52	p-Methylthioamphetamine and 1-(m-chlorophenyl)piperazine, two non-neurotoxic 5-HT releasers in vivo, differ from neurotoxic amphetamine derivatives in their mode of action at 5-HT nerve endings in vitro. <i>Journal of Neurochemistry</i> , 2002, 82, 1435-1443.	3.9	41
53	Evidence of an exocytotic-like release of [3H]5-hydroxytryptamine induced by d-fenfluramine in rat hippocampal synaptosomes. <i>European Journal of Pharmacology</i> , 1993, 238, 9-17.	3.5	40
54	Structure-activity studies for a novel series of homochiral naphtho and tetrahydronaphtho analogues of β_1 antagonist WB-4101. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 4937-4951.	3.0	38

#	ARTICLE	IF	CITATIONS
55	A modified protocol to prepare seed-free starting solutions of amyloid- β (A β) 1-40 and A β 1-42 from the corresponding depsi-peptides. <i>Analytical Biochemistry</i> , 2011, 411, 297-299.	2.4	38
56	Cellular prion protein neither binds to alpha-synuclein oligomers nor mediates their detrimental effects. <i>Brain</i> , 2019, 142, 249-254.	7.6	38
57	Neuroprotective Effects of the Novel Glutamate Transporter Inhibitor (S)-3-Hydroxy-4,5,6,6-tetrahydro-3H-pyrrolo[3,4-d]-isoxazole-4-carboxylic Acid, Which Preferentially Inhibits Reverse Transport (Glutamate Release) Compared with Glutamate Reuptake. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 646-656.	2.5	36
58	Use of surface plasmon resonance to study the elongation kinetics and the binding properties of the highly amyloidogenic A β 1-42 peptide, synthesized by depsi-peptide technique. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2772-2775.	10.1	36
59	Endothelial damage in septic shock patients as evidenced by circulating syndecan-1, sphingosine-1-phosphate and soluble VE-cadherin: a substudy of ALBIOS. <i>Critical Care</i> , 2021, 25, 113.	5.8	36
60	Pharmacological inhibition of mannose-binding lectin ameliorates neurobehavioral dysfunction following experimental traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 938-950.	4.3	35
61	Early Activation of the Kynurenine Pathway Predicts Early Death and Long-term Outcome in Patients Resuscitated From Out-of-Hospital Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	34
62	A cationic tetrapyrrole inhibits toxic activities of the cellular prion protein. <i>Scientific Reports</i> , 2016, 6, 23180.	3.3	34
63	The modulation of [3H]noradrenaline and [3H]serotonin release from rat brain synaptosomes is not mediated by the β 2-adrenoceptor subtype. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1990, 342, 382-6.	3.0	33
64	Gerstmann-Sträussler-Scheinker Disease Amyloid Protein Polymerizes According to the Dock-and-Lock Model. <i>Journal of Biological Chemistry</i> , 2006, 281, 843-849.	3.4	33
65	QSAR model for blood-brain barrier permeation. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 88, 7-18.	0.7	33
66	High-dose ivermectin for early treatment of COVID-19 (COVER study): a randomised, double-blind, multicentre, phase II, dose-finding, proof-of-concept clinical trial. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106516.	2.5	32
67	Good gene, bad gene: New APP variant may be both. <i>Progress in Neurobiology</i> , 2012, 99, 281-292.	5.7	31
68	Monte Carlo method for predicting of cardiac toxicity: HERG blocker compounds. <i>Toxicology Letters</i> , 2016, 250-251, 42-46.	0.8	31
69	The ER stress response mediator ERO1 triggers cancer metastasis by favoring the angiogenic switch in hypoxic conditions. <i>Oncogene</i> , 2021, 40, 1721-1736.	5.9	31
70	Functionalization with TAT-Peptide Enhances Blood-Brain Barrier Crossing In vitro of Nanoliposomes Carrying a Curcumin-Derivative to Bind Amyloid- β Peptide. <i>Journal of Nanomedicine & Nanotechnology</i> , 2013, 04, .	1.1	31
71	WB4101-Related Compounds: New, Subtype-Selective β 1-Adrenoreceptor Antagonists (or Inverse) Tj ETQq1 1 0.784314 rgBT / Ov 6.4 30	6.4	30
72	Expression of A2V-mutated A β in <i>Caenorhabditis elegans</i> results in oligomer formation and toxicity. <i>Neurobiology of Disease</i> , 2014, 62, 521-532.	4.4	30

#	ARTICLE	IF	CITATIONS
73	Acute noise stress in rats increases the levels of diazepam binding inhibitor (DBI) in hippocampus and adrenal gland. <i>Psychopharmacology</i> , 1991, 103, 339-342.	3.1	29
74	Diazepam and desmethyldiazepam differ in their affinities and efficacies at α -central TM and α -peripheral TM benzodiazepine receptors. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 39, 388-391.	2.4	29
75	Effect of acute and chronic administration of buspirone on serotonin and benzodiazepine receptor subtypes in the rat brain: An autoradiographic study. <i>Neuropharmacology</i> , 1991, 30, 313-321.	4.1	28
76	The Anti-Amyloidogenic Action of Doxycycline: A Molecular Dynamics Study on the Interaction with A β 42. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4641.	4.1	28
77	5-HT ₃ SEROTONIN HETERO-RECEPTORS INHIBIT [³ H]ACETHYLCHOLINE RELEASE IN RAT CORTICAL SYNAPTOSOMES. <i>Pharmacological Research</i> , 1997, 35, 351-354.	7.1	27
78	Fingolimod Limits Acute A β Neurotoxicity and Promotes Synaptic Versus Extrasynaptic NMDA Receptor Functionality in Hippocampal Neurons. <i>Scientific Reports</i> , 2017, 7, 41734.	3.3	27
79	Antagonist properties of 1-(2-pyrimidinyl) piperazine at presynaptic α -adrenoceptors in the rat brain. <i>European Journal of Pharmacology</i> , 1990, 180, 183-186.	3.5	26
80	QSAR study for a novel series of ortho monosubstituted phenoxy analogues of α -1-adrenoceptor antagonist WB4101. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2547-2559.	3.0	26
81	St. Johns Wort Components and the Brain: Uptake, Concentrations Reached and the Mechanisms Underlying Pharmacological Effects. <i>Current Drug Metabolism</i> , 2009, 10, 1055-1065.	1.2	26
82	Effect of long term amineptine treatment on pre- and postsynaptic mechanisms in rat brain. <i>British Journal of Pharmacology</i> , 1986, 88, 269-275.	5.4	25
83	Changes of specific atrial granules induced by doxorubicin in dog's heart. <i>Pharmacological Research</i> , 1990, 22, 37-38.	7.1	25
84	Acute noise stress reduces [³ H]5-hydroxytryptamine uptake in rat brain synaptosomes: protective effects of buspirone and tianeptine. <i>European Journal of Pharmacology</i> , 1993, 241, 255-260.	3.5	25
85	6-Methoxy-7-benzofuranoxo and 6-Methoxy-7-indolyloxy Analogues of 2-[2-(2,6-Dimethoxyphenoxy)ethyl]aminomethyl-1,4-benzodioxane (WB4101):1 Discovery of a Potent and Selective α -Adrenoceptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6402-6412.	6.4	25
86	Localization of GABAA and GABAB receptor subtypes on serotonergic neurons. <i>Brain Research</i> , 1986, 371, 372-375.	2.2	24
87	QSAR study for a novel series of ortho disubstituted phenoxy analogues of α -1-adrenoceptor antagonist WB4101. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 1025-1040.	5.5	24
88	Benefit of doxycycline treatment on articular disability caused by dialysis related amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2013, 20, 173-178.	3.0	24
89	Humanin Specifically Interacts with Amyloid- β Oligomers and Counteracts Their in vivo Toxicity. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 857-871.	2.6	23
90	Can Antiviral Activity of Licorice Help Fight COVID-19 Infection?. <i>Biomolecules</i> , 2021, 11, 855.	4.0	23

#	ARTICLE	IF	CITATIONS
91	Synthesis of enantiomerically pure HIP-A and HIP-B and investigation of their activity as inhibitors of excitatory amino acid transporters. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 867-875.	1.8	22
92	Efficacy of Cholesterol Nose-to-Brain Delivery for Brain Targeting in Huntington's Disease. <i>ACS Chemical Neuroscience</i> , 2020, 11, 367-372.	3.5	22
93	Differential effects of 5,7-dihydroxytryptamine-induced serotonergic degeneration on 5-HT _{1A} receptors and 5-HT uptake sites in the rat brain. <i>Journal of Chemical Neuroanatomy</i> , 1994, 7, 65-73.	2.1	21
94	Release studies with rat brain cortical synaptosomes indicate that tramadol is a 5-hydroxytryptamine uptake blocker and not a 5-hydroxytryptamine releaser. <i>European Journal of Pharmacology</i> , 1999, 370, 23-26.	3.5	21
95	Is St John's wort a "Prozac-like" herbal antidepressant?. <i>Trends in Pharmacological Sciences</i> , 2001, 22, 557-559.	8.7	21
96	Affinity and activity profiling of unichiral 8-substituted 1,4-benzodioxane analogues of WB4101 reveals a potent and selective α_1 -adrenoceptor antagonist. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 184-191.	5.5	21
97	Memantine prevents reference and working memory impairment caused by sleep deprivation in both young and aged <i>Octodon degus</i> . <i>Neuropharmacology</i> , 2014, 85, 206-214.	4.1	21
98	Regional distribution of low-affinity GABA receptors coupled to benzodiazepine receptor subtypes in rat brain: an autoradiographic evaluation. <i>European Journal of Pharmacology</i> , 1990, 189, 143-148.	2.6	20
99	In vitro and in vivo effects of the anorectic agent dexfenfluramine on the central serotonergic neuronal systems of non-human primates. A comparison with the rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 353, 641-647.	3.0	19
100	Neuropeptide Y Y5 receptors inhibit kindling acquisition in rats. <i>Regulatory Peptides</i> , 2005, 125, 79-83.	1.9	19
101	<i>N,N</i> -dimethyl- α -methylamphetamines and methylamphetamines, two non-neurotoxic substrates of 5-HT transporters, have scant <i>in vitro</i> efficacy for the induction of transporter-mediated 5-HT release and currents. <i>Journal of Neurochemistry</i> , 2008, 105, 1770-1780.	3.9	19
102	Tetrahydro- β -carboline-Based Spirocyclic Lactam as Type II ² -Turn: Application to the Synthesis and Biological Evaluation of Somatostatin Mimetics. <i>Journal of Organic Chemistry</i> , 2013, 78, 2600-2610.	3.2	19
103	Characterization of the neutralizing anti-emetic antibody in a patient with hemophilia A and inhibitor. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 711-718.	3.8	19
104	An antipsychotic drug exerts anti-prion effects by altering the localization of the cellular prion protein. <i>PLoS ONE</i> , 2017, 12, e0182589.	2.5	19
105	Profile of in vitro binding affinities of neuroleptics at different rat brain receptors: cluster analysis comparison with pharmacological and clinical profiles. <i>Pharmaceutical Research</i> , 1989, 06, 571-577.	3.5	18
106	Autoradiographic localization of [3H]paroxetine specific binding in the rat brain. <i>Neurochemistry International</i> , 1990, 16, 247-251.	3.8	18
107	Cellular localization of neuropeptide-Y receptors in the rat hippocampus. <i>NeuroReport</i> , 1996, 7, 1475-1480.	1.2	18
108	Substrate inhibitors and blockers of excitatory amino acid transporters in the treatment of neurodegeneration: critical considerations. <i>European Journal of Pharmacology</i> , 2003, 479, 291-296.	3.5	18

#	ARTICLE	IF	CITATIONS
109	Anorectic effect and brain concentrations of D-fenfluramine in the marmoset: relationship to the in vivo and in vitro effects on serotonergic mechanisms. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993, 347, 306-312.	3.0	17
110	In Vitro Effects of the Dicyclohexylammonium Salt of Hyperforin on Interleukin-6 Release in Different Experimental Models. <i>Planta Medica</i> , 2004, 70, 680-682.	1.3	17
111	Synthesis of new $\hat{1}^2$ - and $\hat{1}^3$ -benzyloxy-S-glutamic acid derivatives and evaluation of their activity as inhibitors of excitatory amino acid transporters. <i>Tetrahedron</i> , 2009, 65, 6083-6089.	1.9	17
112	The new $\hat{1}^2$ amyloid-derived peptide A $\hat{1}^2$ 1â€“6A2V-TAT(D) prevents A $\hat{1}^2$ oligomer formation and protects transgenic <i>C. elegans</i> from A $\hat{1}^2$ toxicity. <i>Neurobiology of Disease</i> , 2016, 88, 75-84.	4.4	17
113	Immunopurification of Pathological Prion Protein Aggregates. <i>PLoS ONE</i> , 2009, 4, e7816.	2.5	17
114	Utilization of the Monte Carlo Method to Build up QSAR Models for Hemolysis and Cytotoxicity of Antimicrobial Peptides. <i>Current Drug Discovery Technologies</i> , 2017, 14, 229-243.	1.2	17
115	Involvement of P-type Ca ²⁺ channels in the K ⁺ - and d-fenfluramine-induced [3H]5-HT release from rat hippocampal synaptosomes. <i>Neuropharmacology</i> , 1994, 33, 833-835.	4.1	16
116	Evidence for a modulatory effect of sulbutiamine on glutamatergic and dopaminergic cortical transmissions in the rat brain. <i>Neuroscience Letters</i> , 2000, 292, 49-53.	2.1	16
117	Potential antidepressant properties of IDN 5491 (hyperforin-trimethoxybenzoate), a semisynthetic ester of hyperforin. <i>European Neuropsychopharmacology</i> , 2005, 15, 211-218.	0.7	16
118	A New Surface Plasmon Resonance-Based Immunoassay for Rapid, Reproducible and Sensitive Quantification of Pentraxin-3 in Human Plasma. <i>Sensors</i> , 2014, 14, 10864-10875.	3.8	16
119	Characterization of high affinity and stereospecific binding to rat brain. <i>Neurochemistry International</i> , 1988, 13, 345-351.	3.8	15
120	Novel approaches for studying amyloidogenic peptides/proteins. <i>Current Opinion in Pharmacology</i> , 2013, 13, 797-801.	3.5	15
121	Ventilation With Argon Improves Survival With Good Neurological Recovery After Prolonged Untreated Cardiac Arrest in Pigs. <i>Journal of the American Heart Association</i> , 2020, 9, e016494.	3.7	15
122	Stimulation of serotonin synthesis in rat brain after antiepilepsirine, an antiepileptic piperine derivative. <i>Biochemical Pharmacology</i> , 1984, 33, 3883-3886.	4.4	14
123	Carrier-mediated Serotonin Release Induced by d-Fenfluramine: Studies with Human Neuroblastoma Cells Transfected with a Rat Serotonin Transporter. <i>Neuropharmacology</i> , 1997, 36, 803-809.	4.1	14
124	Further Studies on $\hat{1}^2$ -Adrenoceptor Subtypes Involved in the Modulation of [3H]Noradrenaline and [3H]5-Hydroxytryptamine Release from Rat Brain Cortex Synaptosomes. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 45, 811-814.	2.4	14
125	New insights into the molecular mechanisms underlying sensitivity/resistance to the atypical retinoid ST1926 in acute myeloid leukaemia cells: The role of histone H2A.Z, cAMP-dependent protein kinase A and the proteasome. <i>European Journal of Cancer</i> , 2013, 49, 1491-1500.	2.8	14
126	A Mouse Model of Familial ALS Has Increased CNS Levels of Endogenous Ubiquinol9/10 and Does Not Benefit from Exogenous Administration of Ubiquinol10. <i>PLoS ONE</i> , 2013, 8, e69540.	2.5	14

#	ARTICLE	IF	CITATIONS
127	Pulmonary administration of functionalized nanoparticles significantly reduces beta-amyloid in the brain of an Alzheimer's disease murine model. <i>Nano Research</i> , 2016, 9, 2190-2201.	10.4	13
128	Different components of 3H-imipramine binding in rat brain membranes: Relation to serotonin uptake sites. <i>Life Sciences</i> , 1988, 42, 575-583.	4.3	12
129	In vitro studies on the mechanism by which (+)-norfenfluramine induces serotonin and dopamine release from the vesicular storage pool. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 358, 323-327.	3.0	12
130	Autoradiographic Reevaluation of the Binding Properties of 125I-[Leu31,Pro34]Peptide YY and 125I-Peptide YY3-36 to Neuropeptide Y Receptor Subtypes in Rat Forebrain. <i>Journal of Neurochemistry</i> , 2001, 72, 1663-1670.	3.9	12
131	Nanoparticles against Alzheimer's disease: PEG-PACA nanoparticles are able to link the α^2 -peptide and influence its aggregation kinetic. <i>Journal of Controlled Release</i> , 2010, 148, e112-e113.	9.9	12
132	Epitope scanning indicates structural differences in brain-derived monomeric and aggregated mutant prion proteins related to genetic prion diseases. <i>Biochemical Journal</i> , 2013, 454, 417-425.	3.7	12
133	The Anti-Prion Antibody 15B3 Detects Toxic Amyloid- β Oligomers. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1485-1497.	2.6	12
134	In-vivo (+)-[3H]Fenfluramine Binding to Rat Brain: Biochemical and Autoradiographic Studies. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 41, 253-256.	2.4	11
135	Exposing native cyprinid (<i>Barbus plebejus</i>) juveniles to river sediments leads to gonadal alterations, genotoxic effects and thyroid disruption. <i>Aquatic Toxicology</i> , 2015, 169, 223-239.	4.0	11
136	Ascites interferes with the activity of lurbnectedin and trabectedin: Potential role of their binding to alpha 1-acid glycoprotein. <i>Biochemical Pharmacology</i> , 2017, 144, 52-62.	4.4	11
137	Control of Complement Activation by the Long Pentraxin PTX3: Implications in Age-Related Macular Degeneration. <i>Frontiers in Pharmacology</i> , 2020, 11, 591908.	3.5	11
138	FURTHER EVIDENCE OF Ca ²⁺ -DEPENDENT, EXOCYTOTIC-LIKE SEROTONIN RELEASE INDUCED BYD-FENFLURAMINE. <i>Pharmacological Research</i> , 1997, 35, 439-442.	7.1	10
139	Oleamide-mediated sleep induction does not depend on perturbation of membrane homeoviscosity. <i>FEBS Letters</i> , 1999, 463, 281-284.	2.8	10
140	Plasma-derived and recombinant C1 esterase inhibitor: Binding profiles and neuroprotective properties in brain ischemia/reperfusion injury. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 299-311.	4.1	10
141	Ranolazine ameliorates postresuscitation electrical instability and myocardial dysfunction and improves survival with good neurologic recovery in a rat model of cardiac arrest. <i>Heart Rhythm</i> , 2014, 11, 1641-1647.	0.7	9
142	A New Surface Plasmon Resonance Assay for In Vitro Screening of Mannose-Binding Lectin Inhibitors. <i>Journal of Biomolecular Screening</i> , 2016, 21, 749-757.	2.6	9
143	Characterization of raloxifene as a potential pharmacological agent against SARS-CoV-2 and its variants. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	9
144	Tetanus toxin inhibits depolarization-induced [3H]serotonin release from rat brain cortex synaptosomes. <i>Neuroscience Letters</i> , 1993, 151, 205-208.	2.1	8

#	ARTICLE	IF	CITATIONS
145	In vivo and in vitro interaction of flunarizine with α -fenfluramine serotonergic effects. <i>Pharmacology Biochemistry and Behavior</i> , 1996, 53, 155-161.	2.9	8
146	Down-regulation of rat brain 5-HT uptake carriers after treatment with high doses of d-fenfluramine. <i>Brain Research</i> , 1996, 730, 165-172.	2.2	8
147	In vivo interaction of premapepam with benzodiazepine receptors: Relation to its pharmacological effects. <i>Psychopharmacology</i> , 1985, 86, 464-467.	3.1	7
148	Effects of fluoxetine on basal and K ⁺ -induced tritium release from synaptosomes preloaded with [3H]serotonin. <i>Life Sciences</i> , 1995, 56, 785-791.	4.3	7
149	ROLE OF TRANSGLUTAMINASE IN [3H]5-HT RELEASE FROM SYNAPTOSOMES AND IN THE INHIBITORY EFFECT OF TETANUS TOXIN. <i>Neurochemistry International</i> , 1996, 29, 129-134.	3.8	7
150	Functional analysis of a murine monoclonal antibody against the repetitive region of the fibronectin-binding adhesins fibronectin-binding protein α FA and fibronectin-binding protein α FB from <i>Staphylococcus aureus</i> . <i>FEBS Journal</i> , 2010, 277, 4490-4505.	4.7	7
151	A novel spirocyclic tropanyl- β -2-isoxazoline derivative enhances citalopram and paroxetine binding to serotonin transporters as well as serotonin uptake. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6344-6355.	3.0	7
152	Scaffold Optimisation of Tetravalent Antagonists of the Mannose Binding Lectin. <i>Chemistry - A European Journal</i> , 2016, 22, 3686-3691.	3.3	7
153	A validated, sensitive HPLC-MS/MS method for quantification of <i>cis</i> - α -methyl- β -methylaminorex (<i>cis</i> -4,4'-DMAR) in rat and human plasma: application to pharmacokinetic studies in rats. <i>Drug Testing and Analysis</i> , 2017, 9, 870-879.	2.6	7
154	Surface plasmon resonance unveils important pitfalls of enzyme-linked immunoassay for the detection of anti-infliximab antibodies in patients' sera. <i>Scientific Reports</i> , 2021, 11, 14976.	3.3	7
155	Increased number of brain benzodiazepine receptors after in-vivo administration of estazolam to rats. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 36, 621-622.	2.4	5
156	Brain disposition, metabolism and behavioral effects of the synthetic opioid AH-7921 in rats. <i>Neuropharmacology</i> , 2018, 133, 51-62.	4.1	5
157	Biochemical Characterization of a New Highly Cardioselective β -Adrenoceptor Antagonist. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 40, 243-246.	2.4	4
158	Brain Disposition of <i>cis</i> -para-Methyl-4-Methylaminorex (<i>cis</i> -4,4'-DMAR) and Its Potential Metabolites after Acute and Chronic Treatment in Rats: Correlation with Central Behavioral Effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 492-500.	2.5	4
159	Doxycycline rescues recognition memory and circadian motor rhythmicity but does not prevent terminal disease in fatal familial insomnia mice. <i>Neurobiology of Disease</i> , 2021, 158, 105455.	4.4	4
160	Down-regulation of rat brain 5-HT uptake carriers after treatment with high doses of α -fenfluramine. <i>Brain Research</i> , 1996, 730, 165-172.	2.2	4
161	Effects of denzimol on benzodiazepine receptors in the CNS: Relationship between the enhancement of diazepam activity and benzodiazepine binding sites induced by denzimol in the rat. <i>Life Sciences</i> , 1984, 35, 1811-1820.	4.3	3
162	Overexpression of S100 β in transgenic mice does not protect from serotonergic denervation induced by 5,7-dihydroxytryptamine. <i>Journal of Neuroscience Research</i> , 2002, 67, 501-510.	2.9	3

#	ARTICLE	IF	CITATIONS
163	Brain Uptake of Tetrahydroperforin and Potential Metabolites after Repeated Dosing in Mice. <i>Journal of Natural Products</i> , 2015, 78, 2029-2035.	3.0	3
164	Nonphosphorylated tau slows down A β 1-42 aggregation, binds to A β 1-42 oligomers, and reduces A β 1-42 toxicity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100664.	3.4	3
165	Allosteric Inhibition as a Model to Explain Flatter Displacement Curves in Binding Experiments: Application to α -Heterogeneous TM Serotonin Receptors. <i>Journal of Receptors and Signal Transduction</i> , 1986, 6, 27-46.	1.2	2
166	Effects of repeated oral doses of dexnorfenfluramine on 5-HT levels and 5-HT uptake sites in rat brain. <i>Neuroscience Letters</i> , 1996, 219, 5-8.	2.1	2
167	Hyperforin does not inhibit brain serotonin uptake for inducing antidepressant-like activity in rats. <i>European Neuropsychopharmacology</i> , 2002, 12, 198-199.	0.7	2
168	Preparation and characterization of lipid-based nanoparticles binding with high affinity amyloid- β 1-42 peptide. <i>Journal of Biotechnology</i> , 2010, 150, 27-27.	3.8	2
169	Early activation of the kynurenine pathway predicts early death and long-term outcome in patients resuscitated from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, S13.	3.0	2
170	Doxycycline Inhibition of a Pseudotyped Virus Transduction Does Not Translate to Inhibition of SARS-CoV-2 Infectivity. <i>Viruses</i> , 2021, 13, 1745.	3.3	2
171	St John's Wort and Literature Quotations. <i>Archives of Internal Medicine</i> , 2001, 161, 1016-a-1017.	3.8	2
172	Somatostatin-and Neuropeptide Y-Mediated Neurotransmission in Kindling Epileptogenesis. <i>Advances in Behavioral Biology</i> , 1998, , 313-325.	0.2	2
173	Brain Kynurenine Pathway and Functional Outcome of Rats Resuscitated From Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2021, 10, e021071.	3.7	2
174	A novel hotspot of gelsolin instability triggers an alternative mechanism of amyloid aggregation. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6355-6365.	4.1	2
175	Stress-induced decrease of central benzodiazepine receptors number is not due to internalization. <i>Pharmacological Research</i> , 1989, 21, 107-108.	7.1	0
176	Alpha-2 adrenoceptors modulating [3H]noradrenaline release in rat brain cortex are not identical to alpha-2B subtype. <i>Pharmacological Research</i> , 1990, 22, 37-38.	7.1	0
177	The Ca ²⁺ -dependent release of serotonin induced by d-fenfluramine involves the P-type Ca ²⁺ channels and protein kinase C activation. <i>European Neuropsychopharmacology</i> , 1993, 3, 439-440.	0.7	0
178	Neurochemical effects of tianeptine on stress mechanisms. <i>European Neuropsychopharmacology</i> , 1993, 3, 352.	0.7	0
179	[3H]5-HT Binding to 5-HT ₁ nonA-nonBReceptors in Rat Hypothalamus Is Not Representative of 5-HT ₇ Receptors. <i>Annals of the New York Academy of Sciences</i> , 1997, 812, 167-168.	3.8	0
180	The antidepressant mechanism of <i>Hypericum perforatum</i> . <i>Life Sciences</i> , 2004, 75, 1021-1021.	4.3	0

#	ARTICLE	IF	CITATIONS
181	Neuropeptide Y and Its Receptors in Kindling Epileptogenesis. , 2005, , 249-261.		0
182	St. John's Wort and its active principles in depression and anxiety – A critical analysis of receptor binding studies. , 2005, , 21-29.		0
183	Pharmacology in the high tech age – new developments, opportunities and limitations. Current Opinion in Pharmacology, 2013, 13, 775-777.	3.5	0
184	A Surface Plasmon Resonance-Based Assay for Simultaneous Measurement of Concentrations of and Anti-Drug. Methods in Molecular Biology, 2022, 2313, 323-336.	0.9	0
185	New nanostructures inhibiting human mannose binding lectin identified by a novel surface plasmon resonance assay. Sensors and Actuators B: Chemical, 2022, 360, 131661.	7.8	0
186	A Validated HPLC-MS/MS Method for Quantification of Fingolimod and Fingolimod-Phosphate in Human Plasma: Application to Patients with Relapsing-Remitting Multiple Sclerosis. Applied Sciences (Switzerland), 2022, 12, 6102.	2.5	0