

# Francis Beaudry

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

2,292  
citations

26  
h-index

41  
g-index

139  
ext. papers

2,718  
ext. citations

3.2  
avg, IF

5.2  
L-index

#	Paper	IF	Citations
127	Effects of azithromycin on bronchial remodeling in the natural model of severe neutrophilic asthma in horses.. <i>Scientific Reports</i> , <b>2022</b> , 12, 446	4.9	0
126	Untargeted and targeted metabolomics reveal that adenosine nucleotides released in <i>Actinobacillus pleuropneumoniae</i> supernatant inhibit porcine reproductive and respiratory syndrome virus replication.. <i>Talanta</i> , <b>2022</b> , 242, 123315	6.2	
125	Estrogenic impregnation alters pain expression: analysis through functional neuropeptidomics in a surgical rat model of osteoarthritis.. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2022</b> , 1	3.4	0
124	Resiniferatoxin Hampers the Nocifensive Response of <i>Caenorhabditis elegans</i> to Noxious Heat, and Pathway Analysis Revealed that the Wnt Signaling Pathway is Involved. <i>Neurochemical Research</i> , <b>2021</b> , 47, 622	4.6	0
123	Combined 5-HT and mGlu modulation for the treatment of dyskinesia and psychosis in Parkinson's disease. <i>Neuropharmacology</i> , <b>2021</b> , 186, 108465	5.5	5
122	A Pharmacokinetic-Pharmacodynamic Study of Intravenous Midazolam and Flumazenil in Adult New Zealand White-Californian Rabbits (). <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2021</b> , 60, 319-328	1.3	1
121	Selective blockade of the 5-HT receptor acutely alleviates dyskinesia and psychosis in the parkinsonian marmoset. <i>Neuropharmacology</i> , <b>2021</b> , 182, 108386	5.5	2
120	Eugenol and Other Vanilloids Hamper <i>Caenorhabditis elegans</i> Response to Noxious Heat. <i>Neurochemical Research</i> , <b>2021</b> , 46, 252-264	4.6	2
119	Cardiac sensory afferents modulate susceptibility to anxio-depressive behaviour in a mouse model of chronic heart failure. <i>Acta Physiologica</i> , <b>2021</b> , 231, e13601	5.6	2
118	PHARMACOKINETICS AND CLINICAL EFFECTS OF A SINGLE ORAL DOSE OF TRAZODONE IN THE DOMESTIC GOAT () AS A MODEL FOR WILD RUMINANTS. <i>Journal of Zoo and Wildlife Medicine</i> , <b>2021</b> , 51, 896-904	0.9	0
117	Non-targeted screening of trace organic contaminants in surface waters by a multi-tool approach based on combinatorial analysis of tandem mass spectra and open access databases. <i>Talanta</i> , <b>2021</b> , 230, 122293	6.2	2
116	Capsaicin and Its Analogues Impede Nocifensive Response of <i>Caenorhabditis elegans</i> to Noxious Heat. <i>Neurochemical Research</i> , <b>2020</b> , 45, 1851-1859	4.6	6
115	Pharmacokinetic profile of the selective 5-HT receptor antagonist ondansetron in the rat: an original study and a minireview of the behavioural pharmacological literature in the rat. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2020</b> , 98, 431-440	2.4	6
114	Evaluation of fluralaner as an oral acaricide to reduce tick infestation in a wild rodent reservoir of Lyme disease. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 73	4	5
113	Impaired EAT-4 Vesicular Glutamate Transporter Leads to Defective Nocifensive Response of <i>Caenorhabditis elegans</i> to Noxious Heat. <i>Neurochemical Research</i> , <b>2020</b> , 45, 882-890	4.6	2
112	Selective metabotropic glutamate receptor 2 positive allosteric modulation alleviates L-DOPA-induced psychosis-like behaviours and dyskinesia in the MPTP-lesioned marmoset. <i>European Journal of Pharmacology</i> , <b>2020</b> , 873, 172957	5.3	12
111	Pharmacokinetics and analgesic effects of intravenous, intramuscular or subcutaneous buprenorphine in dogs undergoing ovariohysterectomy: a randomized, prospective, masked, clinical trial. <i>BMC Veterinary Research</i> , <b>2020</b> , 16, 154	2.7	3

110	The MPTP-lesioned marmoset model of Parkinson's disease: proposed efficacy thresholds that may potentially predict successful clinical trial results. <i>Journal of Neural Transmission</i> , <b>2020</b> , 127, 1343-1358	4.3	7
109	Sensitivity of functional targeted neuropeptide evaluation in testing pregabalin analgesic efficacy in a rat model of osteoarthritis pain. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2019</b> , 46, 723-733	3	2
108	Neuropeptidomics: Comparison of parallel reaction monitoring and data-independent acquisition for the analysis of neuropeptides using high-resolution mass spectrometry. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4523	1.7	7
107	Highly sensitive HPLC-MS/MS assay for the quantitation of ondansetron in rat plasma and rat brain tissue homogenate following administration of a very low subcutaneous dose. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 175, 112766	3.5	4
106	The Effects of Exercise on Pain and Reproductive Performance in Female Pregnant Mice With Neuropathic Pain. <i>Biological Research for Nursing</i> , <b>2019</b> , 21, 500-509	2.6	2
105	Regulation of by PhoB during P Starvation Promotes Biofilm Formation by Escherichia coli O157:H7. <i>Journal of Bacteriology</i> , <b>2019</b> , 201,	3.5	1
104	Activation of mGlu receptors, a novel therapeutic approach to alleviate dyskinesia and psychosis in experimental parkinsonism. <i>Neuropharmacology</i> , <b>2019</b> , 158, 107725	5.5	21
103	Pharmacokinetics of midazolam and its major metabolite 1-hydroxymidazolam in the ball python ( <i>Python regius</i> ) after intracardiac and intramuscular administrations. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2019</b> , 42, 722-731	1.4	1
102	Osteoarthritic pain model influences functional outcomes and spinal neuropeptidomics: A pilot study in female rats. <i>Canadian Journal of Veterinary Research</i> , <b>2019</b> , 83, 133-141	0.5	4
101	Evaluation of upconverting nanoparticles towards heart theranostics. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225729	3.7	4
100	EGL-3 and EGL-21 are required to trigger nocifensive response of <i>Caenorhabditis elegans</i> to noxious heat. <i>Neuropeptides</i> , <b>2019</b> , 73, 41-48	3.3	7
99	Determination of the pharmacokinetics of a single oral dose of trazodone and its effect on the activity level of domestic pigeons ( <i>Columba livia</i> ). <i>American Journal of Veterinary Research</i> , <b>2019</b> , 80, 102-109	1.1	3
98	Effect of the selective 5-HT receptor antagonist EMD-281,014 on L-DOPA-induced abnormal involuntary movements in the 6-OHDA-lesioned rat. <i>Experimental Brain Research</i> , <b>2019</b> , 237, 29-36	2.3	11
97	Characterization of neuropeptide K processing in rat spinal cord S9 fractions using high-resolution quadrupole-Orbitrap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4204	1.7	3
96	Detection of gelatin adulteration using bio-informatics, proteomics and high-resolution mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2018</b> , 35, 599-608	3.2	11
95	Development of a selective and sensitive high-performance liquid chromatography-tandem mass spectrometry assay to support pharmacokinetic studies of LY-487,379 in rat and marmoset. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1093-1094, 1-7	3.2	13
94	The highly selective 5-HT antagonist EMD-281,014 reduces dyskinesia and psychosis in the L-DOPA-treated parkinsonian marmoset. <i>Neuropharmacology</i> , <b>2018</b> , 139, 61-67	5.5	25
93	Efficacy and pharmacokinetics of bupivacaine with epinephrine or dexmedetomidine after intraperitoneal administration in cats undergoing ovariohysterectomy. <i>Canadian Journal of Veterinary Research</i> , <b>2018</b> , 82, 124-130	0.5	5

92	Deciphering the Role of EGL-3 for Neuropeptides Processing in <i>Caenorhabditis elegans</i> Using High-Resolution Quadrupole-Orbitrap Mass Spectrometry. <i>Neurochemical Research</i> , <b>2018</b> , 43, 2121-2131 <sup>4.6</sup>	3
91	-Acetyl-glucosamine influences the biofilm formation of. <i>Gut Pathogens</i> , <b>2018</b> , 10, 26	5.4 21
90	Spinal neuropeptide modulation, functional assessment and cartilage lesions in a monosodium iodoacetate rat model of osteoarthritis. <i>Neuropeptides</i> , <b>2017</b> , 65, 56-62	3.3 9
89	Detection of meat species adulteration using high-resolution mass spectrometry and a proteogenomics strategy. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2017</b> , 34, 1110-1120	3.2 28
88	The fecal presence of enterotoxin and F4 genes as an indicator of efficacy of treatment with colistin sulfate in pigs. <i>BMC Microbiology</i> , <b>2017</b> , 17, 6	4.5 6
87	Development and validation of a high-performance liquid chromatography-tandem mass spectrometry method to quantify LY-354,740 in rat and marmoset plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1061-1062, 392-398	3.2 11
86	Application of Spectral Accuracy to Improve the Identification of Organic Compounds in Environmental Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9805-9813	7.8 14
85	Post weaning diarrhea in pigs: risk factors and non-colistin-based control strategies. <i>Acta Veterinaria Scandinavica</i> , <b>2017</b> , 59, 31	2 141
84	In vitro metabolism of specific CYP2D and CYP3A opioid substrates using rat liver S9 fractions and mass spectrometry reveal a severe metabolic impairment with increasing age. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3786	1.7 8
83	The NAG Sensor NagC Regulates LEE Gene Expression and Contributes to Gut Colonization by O157:H7. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 134	5.9 14
82	Pharmacokinetic and pharmacodynamic modelling after subcutaneous, intravenous and buccal administration of a high-concentration formulation of buprenorphine in conscious cats. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176443	3.7 24
81	Targeted high-resolution quadrupole-Orbitrap mass spectrometry analyses reveal a significant reduction of tachykinin and opioid neuropeptides level in PC1 and PC2 mutant mouse spinal cords. <i>Neuropeptides</i> , <b>2017</b> , 65, 37-44	3.3 6
80	Physiological and pharmacokinetic effects of multilevel caging on Sprague Dawley rats under ketamine-xylazine anesthesia. <i>Experimental Animals</i> , <b>2016</b> , 65, 383-392	1.8 7
79	Concurrent validity of different functional and neuroproteomic pain assessment methods in the rat osteoarthritis monosodium iodoacetate (MIA) model. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 150	5.7 17
78	Characterization of endoproteolytic processing of dynorphins by proprotein convertases using mouse spinal cord S9 fractions and mass spectrometry. <i>Neuropeptides</i> , <b>2016</b> , 57, 85-94	3.3 8
77	Impact of <i>Actinobacillus pleuropneumoniae</i> biofilm mode of growth on the lipid A structures and stimulation of immune cells. <i>Innate Immunity</i> , <b>2016</b> , 22, 353-62	2.7 8
76	Colistin in Pig Production: Chemistry, Mechanism of Antibacterial Action, Microbial Resistance Emergence, and One Health Perspectives. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1789	5.7 115
75	Pharmacokinetics of bupivacaine after intraperitoneal administration to cats undergoing ovariohysterectomy. <i>American Journal of Veterinary Research</i> , <b>2016</b> , 77, 641-5	1.1 14

74	Physiological, pharmacokinetic and liver metabolism comparisons between 3-, 6-, 12- and 18-month-old male Sprague Dawley rats under ketamine-xylazine anesthesia. <i>Experimental Animals</i> , <b>2016</b> , 65, 63-75	1.8	18
73	In vivo therapeutic efficacy and pharmacokinetics of colistin sulfate in an experimental model of enterotoxigenic Escherichia coli infection in weaned pigs. <i>Veterinary Research</i> , <b>2016</b> , 47, 58	3.8	18
72	Early cathepsin K degradation of type II collagen in vitro and in vivo in articular cartilage. <i>Osteoarthritis and Cartilage</i> , <b>2016</b> , 24, 1461-9	6.2	18
71	Resistance to colistin: what is the fate for this antibiotic in pig production?. <i>International Journal of Antimicrobial Agents</i> , <b>2016</b> , 48, 119-26	14.3	84
70	Characterization of Substance P processing in mouse spinal cord S9 fractions using high-resolution Quadrupole-Orbitrap mass spectrometry. <i>Neuropeptides</i> , <b>2016</b> , 59, 47-55	3.3	9
69	Assessment of meat authenticity using bioinformatics, targeted peptide biomarkers and high-resolution mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 1709-17	3.2	37
68	Histopathological, biomechanical, and behavioral pain findings of Achilles tendinopathy using an animal model of overuse injury. <i>Physiological Reports</i> , <b>2015</b> , 3, e12265	2.6	9
67	Gastric stability and oral bioavailability of colistin sulfate in pigs challenged or not with Escherichia coli O149: F4 (K88). <i>Research in Veterinary Science</i> , <b>2015</b> , 102, 173-81	2.5	26
66	Tachykinins Processing is Significantly Impaired in PC1 and PC2 Mutant Mouse Spinal Cord S9 Fractions. <i>Neurochemical Research</i> , <b>2015</b> , 40, 2304-16	4.6	7
65	Actinobacillus pleuropneumoniae induces SJPL cell cycle arrest in G2/M-phase and inhibits porcine reproductive and respiratory syndrome virus replication. <i>Virology Journal</i> , <b>2015</b> , 12, 188	6.1	5
64	Assessment of tandem mass spectrometry and high-resolution mass spectrometry for the analysis of bupivacaine in plasma. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 1724-30	1.7	6
63	Bone growth resumption following in vivo static and dynamic compression removals on rats. <i>Bone</i> , <b>2015</b> , 81, 662-668	4.7	2
62	Liquid chromatography-electrospray linear ion trap mass spectrometry analysis of targeted neuropeptides in Tac1(-/-) mouse spinal cords reveals significant lower concentration of opioid peptides. <i>Neuropeptides</i> , <b>2015</b> , 52, 79-87	3.3	4
61	Transcriptome analysis of Escherichia coli O157:H7 grown in vitro in the sterile-filtrated cecal content of human gut microbiota associated rats reveals an adaptive expression of metabolic and virulence genes. <i>Microbes and Infection</i> , <b>2015</b> , 17, 23-33	9.3	10
60	In vitro ketamine CYP3A-mediated metabolism study using mammalian liver S9 fractions, cDNA expressed enzymes and liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 1660-9	1.7	3
59	Association between sensitisation and pain-related behaviours in an experimental canine model of osteoarthritis. <i>Pain</i> , <b>2014</b> , 155, 2071-9	8	8
58	Evaluation of multiple reaction monitoring cubed for the analysis of tachykinin related peptides in rat spinal cord using a hybrid triple quadrupole-linear ion trap mass spectrometer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 947-948, 164-7	3.2	7
57	Investigation of the metabolic biotransformation of substance P in liver microsomes by liquid chromatography quadrupole ion trap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 39-47	1.7	6

56	Alleviation of chronic neuropathic pain by environmental enrichment in mice well after the establishment of chronic pain. <i>Behavioral and Brain Functions</i> , <b>2013</b> , 9, 22	4.1	70
55	Bilateral central pain sensitization in rats following a unilateral thalamic lesion may be treated with high doses of ketamine. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 59	2.7	18
54	Targeted liquid chromatography quadrupole ion trap mass spectrometry analysis of tachykinin related peptides reveals significant expression differences in a rat model of neuropathic pain. <i>Neuropeptides</i> , <b>2013</b> , 47, 261-71	3.3	9
53	Intrathecal [6]-gingerol administration alleviates peripherally induced neuropathic pain in male Sprague-Dawley rats. <i>Phytotherapy Research</i> , <b>2013</b> , 27, 1251-4	6.7	19
52	Characterization of xylazine metabolism in rat liver microsomes using liquid chromatography-hybrid triple quadrupole-linear ion trap-mass spectrometry. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 882-8	1.7	17
51	Effect of a diet enriched with green-lipped mussel on pain behavior and functioning in dogs with clinical osteoarthritis. <i>Canadian Journal of Veterinary Research</i> , <b>2013</b> , 77, 66-74	0.5	15
50	Pharmacokinetics of ketamine and xylazine in young and old Sprague-Dawley rats. <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2013</b> , 52, 567-70	1.3	63
49	Quantitative mass spectrometry analysis reveals that deletion of the TRPV1 receptor in mice alters substance P and neurokinin A expression in the central nervous system. <i>Neurochemical Research</i> , <b>2012</b> , 37, 2678-85	4.6	5
48	Effects of endotoxemia on the pharmacodynamics and pharmacokinetics of ketamine and xylazine anesthesia in Sprague-Dawley rats. <i>Veterinary Medicine: Research and Reports</i> , <b>2012</b> , 3, 99-109	2.3	11
47	Antinociceptive effects of eugenol evaluated in a monoiodoacetate-induced osteoarthritis rat model. <i>Phytotherapy Research</i> , <b>2012</b> , 26, 1278-85	6.7	27
46	Analysis of Staphylococcus enterotoxin B using differential isotopic tags and liquid chromatography quadrupole ion trap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 1049-57	1.7	17
45	Internal standard strategies for relative and absolute quantitation of peptides in biological matrices by liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 881-91	1.7	19
44	Pharmacologic parameters of MS222 and physiologic changes in frogs ( <i>Xenopus laevis</i> ) after immersion at anesthetic doses. <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2012</b> , 51, 464-8	1.3	18
43	Determination of specific neuropeptides modulation time course in a rat model of osteoarthritis pain by liquid chromatography ion trap mass spectrometry. <i>Neuropeptides</i> , <b>2011</b> , 45, 423-9	3.3	28
42	Gait analysis and pain response of two rodent models of osteoarthritis. <i>Pharmacology Biochemistry and Behavior</i> , <b>2011</b> , 97, 603-10	3.9	91
41	Characterization of in vitro metabolism of capsazepine, a vanilloid transient receptor potential channel antagonist, by liquid chromatography quadrupole ion trap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2011</b> , 25, 479-92	1.7	5
40	Characterization of [6]-gingerol metabolism in rat by liquid chromatography electrospray tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2011</b> , 25, 1150-8	1.7	9
39	Metabolic stability and determination of cytochrome P450 isoenzymes contribution to the metabolism of medetomidine in dog liver microsomes. <i>Biomedical Chromatography</i> , <b>2010</b> , 24, 868-77	1.7	10

38	Pharmacokinetics of vanillin and its effects on mechanical hypersensitivity in a rat model of neuropathic pain. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 525-30	6.7	47
37	Stability comparison between sample preparation procedures for mass spectrometry-based targeted or shotgun peptidomic analysis. <i>Analytical Biochemistry</i> , <b>2010</b> , 407, 290-2	3.1	7
36	Intrathecal eugenol administration alleviates neuropathic pain in male Sprague-Dawley rats. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 1645-53	6.7	26
35	Design of New Electrode Interface to Improve Transport of Atmospheric Pressure Ions into a Mass Spectrometer. <i>E-Journal of Chemistry</i> , <b>2009</b> , 6, 39-46		
34	Joint inflammation increases glucosamine levels attained in synovial fluid following oral administration of glucosamine hydrochloride. <i>Osteoarthritis and Cartilage</i> , <b>2009</b> , 17, 228-34	6.2	22
33	Quantitative determination of capsaicin, a transient receptor potential channel vanilloid 1 agonist, by liquid chromatography quadrupole ion trap mass spectrometry: evaluation of in vitro metabolic stability. <i>Biomedical Chromatography</i> , <b>2009</b> , 23, 204-11	1.7	22
32	Identification, characterization and quantification of specific neuropeptides in rat spinal cord by liquid chromatography electrospray quadrupole ion trap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2009</b> , 23, 940-50	1.7	25
31	Pharmacokinetics of morphine and its metabolites in freshwater rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2008</b> , 31, 117-27	1.4	13
30	Comparison of pharmacokinetics of glucosamine and synovial fluid levels following administration of glucosamine sulphate or glucosamine hydrochloride. <i>Osteoarthritis and Cartilage</i> , <b>2008</b> , 16, 973-9	6.2	33
29	Identification, characterization and potent antitumor activity of ECO-4601, a novel peripheral benzodiazepine receptor ligand. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2008</b> , 61, 911-21	3.5	40
28	Determination of glucosamine in horse plasma by liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2008</b> , 22, 1-4	1.7	9
27	Anesthetic properties of propofol in African clawed frogs ( <i>Xenopus laevis</i> ). <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2008</b> , 47, 35-8	1.3	10
26	Development of a LC-ESI/MS/MS assay for the quantification of vanillin using a simple off-line dansyl chloride derivatization reaction to enhance signal intensity. <i>Biomedical Chromatography</i> , <b>2007</b> , 21, 113-5	1.7	6
25	Eugenol for anesthesia of African clawed frogs ( <i>Xenopus laevis</i> ). <i>Veterinary Anaesthesia and Analgesia</i> , <b>2007</b> , 34, 164-70	1.3	43
24	Effects of physiological covariables on pharmacokinetic parameters of clomipramine in a large population of cats after a single oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2007</b> , 30, 116-26	1.4	10
23	Comparative oxidative metabolic profiles of clomipramine in cats, rats and dogs: preliminary results from an in vitro study. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2007</b> , 30, 387-93	1.4	8
22	Pharmacokinetics of eugenol and its effects on thermal hypersensitivity in rats. <i>European Journal of Pharmacology</i> , <b>2007</b> , 562, 60-7	5.3	65
21	Progesterone metabolism in bovine endometrial cells and the effect of metabolites on the responsiveness of the cells to OT-stimulation of PGF2alpha. <i>Steroids</i> , <b>2007</b> , 72, 843-50	2.8	2

20	Pharmacokinetics of eugenol in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2007</b> , 266, 262-265	4.4	52
19	Early dexamethasone treatment after implantation of a sciatic-nerve cuff decreases the concentration of substance P in the lumbar spinal cord of rats with neuropathic pain. <i>Canadian Journal of Veterinary Research</i> , <b>2007</b> , 71, 90-7		7
18	Electrospray ionization suppression, a physical or a chemical phenomenon?. <i>Biomedical Chromatography</i> , <b>2006</b> , 20, 200-5	1.7	41
17	Determination of eugenol in rat plasma by liquid chromatography-quadrupole ion trap mass spectrometry using a simple off-line dansyl chloride derivatization reaction to enhance signal intensity. <i>Biomedical Chromatography</i> , <b>2006</b> , 20, 1216-22	1.7	30
16	Determination of substance P in rat spinal cord by high-performance liquid chromatography electrospray quadrupole ion trap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2006</b> , 20, 1344-50	1.7	12
15	Pharmacokinetics and anesthetic activity of eugenol in male Sprague-Dawley rats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2006</b> , 29, 265-70	1.4	60
14	Enhancing the uptake of dextromethorphan in the CNS of rats by concomitant administration of the P-gp inhibitor verapamil. <i>Life Sciences</i> , <b>2005</b> , 77, 2911-26	6.8	21
13	Development of a rapid and sensitive LC-ESI/MS/MS assay for the quantification of propofol using a simple off-line dansyl chloride derivatization reaction to enhance signal intensity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 411-7	3.5	64
12	Determination of chlortetracycline in swine plasma by LC-ESI/MS/MS. <i>Biomedical Chromatography</i> , <b>2005</b> , 19, 523-8	1.7	6
11	Development of an electrospray ionization mass spectrometric method for the quantification of theophylline in horse serum. <i>Biomedical Chromatography</i> , <b>2005</b> , 19, 643-8	1.7	9
10	Quantitative analysis of bucillamine in blood using high-performance liquid chromatography-mass spectrometry technique. <i>Biomedical Chromatography</i> , <b>2004</b> , 18, 805-12	1.7	4
9	Validation of a sensitive and automated 96-well solid-phase extraction liquid chromatography-tandem mass spectrometry method for the determination of desloratadine and 3-hydroxydesloratadine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical Sciences</i> , <b>2003</b> , 799, 229-40	3.2	37
8	Cyclosporin A in blood and brain tissue following intra-carotid injections in normal and stroke-induced rats. <i>Brain Research</i> , <b>2002</b> , 943, 1-8	3.7	15
7	A pharmacokinetic study of amoxicillin in febrile beagle dogs following repeated administrations of endotoxin. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2001</b> , 24, 379-83	1.4	14
6	Metabolite profiling study of propranolol in rat using LC/MS/MS analysis. <i>Biomedical Chromatography</i> , <b>1999</b> , 13, 363-9	1.7	36
5	Determination of drug-plasma protein binding using human serum albumin chromatographic column and multiple linear regression model. <i>Biomedical Chromatography</i> , <b>1999</b> , 13, 401-6	1.7	38
4	In vivo pharmacokinetic screening in cassette dosing experiments; the use of on-line Pprospekt liquid chromatography/atmospheric pressure chemical ionization tandem mass spectrometry technology in drug discovery. <i>Rapid Communications in Mass Spectrometry</i> , <b>1998</b> , 12, 1216-22	2.2	70
3	Semi-empirical molecular orbital studies of porphine and phthalocyanine derivatives, to simulate their intermolecular interactions. <i>International Journal of Quantum Chemistry</i> , <b>1993</b> , 46, 191-210	2.1	24



2 Escherichia coli O157:H7 responds to phosphate starvation by modifying LPS involved in biofilm formation 1

1 Development and validation of a sensitive HPLC-HESI-MS/MS method for quantitative determination of bitopertin in rat and marmoset plasma. *MNI Open Research*, 4, 2 1 1