

Bruno H Pypendop

List of Publications by Citations

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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.

124
papers

2,189
citations

25
h-index

41
g-index

128
ext. papers

2,484
ext. citations

1.3
avg, IF

5.08
L-index

#	Paper	IF	Citations
124	Hemodynamic effects of medetomidine in the dog: a dose titration study. <i>Veterinary Surgery</i> , 1998 , 27, 612-22	1.7	229
123	Assessment of the hemodynamic effects of lidocaine administered IV in isoflurane-anesthetized cats. <i>American Journal of Veterinary Research</i> , 2005 , 66, 661-8	1.1	87
122	The effects of intravenous lidocaine administration on the minimum alveolar concentration of isoflurane in cats. <i>Anesthesia and Analgesia</i> , 2005 , 100, 97-101	3.9	83
121	Pharmacokinetics of tramadol, and its metabolite O-desmethyl-tramadol, in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008 , 31, 52-9	1.4	73
120	Hemodynamic effects of dexmedetomidine in isoflurane-anesthetized cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2011 , 38, 555-67	1.3	66
119	Pharmacokinetics of gabapentin in cats. <i>American Journal of Veterinary Research</i> , 2010 , 71, 817-21	1.1	64
118	Effects of tramadol hydrochloride on the thermal threshold in cats. <i>American Journal of Veterinary Research</i> , 2009 , 70, 1465-70	1.1	63
117	Effect of intravenous administration of ketamine on the minimum alveolar concentration of isoflurane in anesthetized dogs. <i>American Journal of Veterinary Research</i> , 2006 , 67, 21-5	1.1	61
116	Effects of remifentanyl on measures of anesthetic immobility and analgesia in cats. <i>American Journal of Veterinary Research</i> , 2009 , 70, 1065-71	1.1	58
115	Antinociceptive effects of butorphanol, buprenorphine, or both, administered intramuscularly in cats. <i>American Journal of Veterinary Research</i> , 2007 , 68, 699-703	1.1	57
114	The influence of esomeprazole and cisapride on gastroesophageal reflux during anesthesia in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 518-25	3.1	48
113	Effects of increasing infusion rates of dopamine, dobutamine, epinephrine, and phenylephrine in healthy anesthetized cats. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1491-9	1.1	48
112	Prevalence and risk factors for canine post-anesthetic aspiration pneumonia (1999-2009): a multicenter study. <i>Veterinary Anaesthesia and Analgesia</i> , 2014 , 41, 127-36	1.3	45
111	Cardiovascular and respiratory effects of ketamine infusions in isoflurane-anesthetized dogs before and during noxious stimulation. <i>American Journal of Veterinary Research</i> , 2005 , 66, 2122-9	1.1	38
110	Pharmacokinetics of lidocaine and its active metabolite, monoethylglycinexylidide, after intravenous administration of lidocaine to awake and isoflurane-anesthetized cats. <i>American Journal of Veterinary Research</i> , 2005 , 66, 1162-6	1.1	38
109	Effects of intravenous administration of lidocaine on the thermal threshold in cats. <i>American Journal of Veterinary Research</i> , 2006 , 67, 16-20	1.1	37
108	Cardiovascular effects of romifidine in dogs. <i>American Journal of Veterinary Research</i> , 2001 , 62, 490-5	1.1	34

107	Thermal antinociceptive effect of orally administered gabapentin in healthy cats. <i>American Journal of Veterinary Research</i> , 2010 , 71, 1027-32	1.1	32
106	Fluid balance, glomerular filtration rate, and urine output in dogs anesthetized for an orthopedic surgical procedure. <i>American Journal of Veterinary Research</i> , 2010 , 71, 501-7	1.1	31
105	Pharmacokinetics of remifentanyl in conscious cats and cats anesthetized with isoflurane. <i>American Journal of Veterinary Research</i> , 2008 , 69, 531-6	1.1	30
104	Pharmacokinetics of the opioid antagonist N-methylbuprenorphine and evaluation of its effects on gastrointestinal tract function in horses treated or not treated with morphine. <i>American Journal of Veterinary Research</i> , 2006 , 67, 998-1004	1.1	30
103	Hemodynamic effects of sevoflurane in cats. <i>American Journal of Veterinary Research</i> , 2004 , 65, 20-5	1.1	30
102	Evaluation of tramadol for treatment of osteoarthritis in geriatric cats. <i>Journal of the American Veterinary Medical Association</i> , 2018 , 252, 565-571	1	29
101	Effects of epidural administration of morphine and buprenorphine on the minimum alveolar concentration of isoflurane in cats. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1471-5	1.1	27
100	Effects of epidurally administered morphine or buprenorphine on the thermal threshold in cats. <i>American Journal of Veterinary Research</i> , 2008 , 69, 983-7	1.1	25
99	Animal dependence of inhaled anaesthetic requirements in cats. <i>British Journal of Anaesthesia</i> , 2004 , 92, 275-7	5.4	25
98	The effect of MK-467, a peripheral β -adrenoceptor antagonist, on dexmedetomidine-induced sedation and bradycardia after intravenous administration in conscious cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 42-51	1.3	24
97	Assessment of the effects of gabapentin on activity levels and owner-perceived mobility impairment and quality of life in osteoarthritic geriatric cats. <i>Journal of the American Veterinary Medical Association</i> , 2018 , 253, 579-585	1	24
96	Cardiovascular effects of dexmedetomidine, with or without MK-467, following intravenous administration in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 52-62	1.3	24
95	Impact of the blood sampling site on time-concentration drug profiles following intravenous or buccal drug administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014 , 37, 145-50	1.4	24
94	Pharmacokinetics of amantadine in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011 , 34, 599-604	1.4	24
93	Effect of dexmedetomidine on the minimum alveolar concentration of isoflurane in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012 , 35, 163-8	1.4	23
92	Minimum anesthetic concentration of isoflurane in captive thick-billed parrots (<i>Rhynchopsitta pachyrhyncha</i>). <i>American Journal of Veterinary Research</i> , 2008 , 69, 189-94	1.1	23
91	Bioavailability of morphine, methadone, hydromorphone, and oxycodone following buccal administration in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014 , 37, 295-300	1.4	20
90	The effects of intravenous gabapentin administration on the minimum alveolar concentration of isoflurane in cats. <i>Anesthesia and Analgesia</i> , 2010 , 111, 633-7	3.9	20

89	Effect of amantadine on oxymorphone-induced thermal antinociception in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012 , 35, 169-74	1.4	19
88	Thymoma removal in a cat with acquired myasthenia gravis: a case report and literature review of anesthetic techniques. <i>Veterinary Anaesthesia and Analgesia</i> , 2011 , 38, 603-13	1.3	19
87	The impact of MK-467 on sedation, heart rate and arterial blood pressure after intramuscular coadministration with dexmedetomidine in conscious cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 811-822	1.3	18
86	Comparison of peribulbar and retrobulbar regional anesthesia with bupivacaine in cats. <i>American Journal of Veterinary Research</i> , 2014 , 75, 1029-39	1.1	18
85	Pharmacokinetics of buprenorphine following intravenous and buccal administration in cats, and effects on thermal threshold. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014 , 37, 252-9	1.4	18
84	Outcome of laryngeal web resection with mucosal apposition for treatment of airway obstruction in dogs: 15 cases (1992--2006). <i>Journal of the American Veterinary Medical Association</i> , 2008 , 233, 738-42 ¹		18
83	Median effective dose of isoflurane, sevoflurane, and desflurane in green iguanas. <i>American Journal of Veterinary Research</i> , 2006 , 67, 392-7	1.1	18
82	Hemodynamic effects of nitrous oxide in isoflurane-anesthetized cats. <i>American Journal of Veterinary Research</i> , 2003 , 64, 273-8	1.1	17
81	Prevalence of Gastroesophageal Reflux in Cats During Anesthesia and Effect of Omeprazole on Gastric pH. <i>Journal of Veterinary Internal Medicine</i> , 2017 , 31, 734-742	3.1	16
80	Effects of Methadone on the Minimum Anesthetic Concentration of Isoflurane, and Its Effects on Heart Rate, Blood Pressure and Ventilation during Isoflurane Anesthesia in Hens (<i>Gallus gallus domesticus</i>). <i>PLoS ONE</i> , 2016 , 11, e0152546	3.7	16
79	Cardiovascular effects of equipotent doses of isoflurane alone and isoflurane plus fentanyl in New Zealand White rabbits (<i>Oryctolagus cuniculus</i>). <i>American Journal of Veterinary Research</i> , 2015 , 76, 591-8	1.1	15
78	Pharmacokinetics of dexmedetomidine, MK-467 and their combination following intramuscular administration in male cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 823-831	1.3	15
77	Pharmacokinetics of ketamine and its metabolite, norketamine, after intravenous administration of a bolus of ketamine to isoflurane-anesthetized dogs. <i>American Journal of Veterinary Research</i> , 2005 , 66, 2034-8	1.1	15
76	Relationship between plasma dexmedetomidine concentration and sedation score and thermal threshold in cats. <i>American Journal of Veterinary Research</i> , 2014 , 75, 446-52	1.1	14
75	Cardiovascular tolerance of intravenous lidocaine in broiler chickens (<i>Gallus gallus domesticus</i>) anesthetized with isoflurane. <i>Veterinary Anaesthesia and Analgesia</i> , 2015 , 42, 442-8	1.3	14
74	Pharmacokinetics of dexmedetomidine administered intravenously in isoflurane-anesthetized cats. <i>American Journal of Veterinary Research</i> , 2012 , 73, 285-9	1.1	14
73	Evaluation of urodynamic procedures in female cats anesthetized with low and high doses of isoflurane and propofol. <i>American Journal of Veterinary Research</i> , 2009 , 70, 290-6	1.1	13
72	Characteristics of the relationship between plasma ketamine concentration and its effect on the minimum alveolar concentration of isoflurane in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2007 , 34, 209-12	1.3	13

71	Pharmacokinetics of dexmedetomidine, MK-467, and their combination following intravenous administration in male cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016 , 39, 460-8	1.4	13
70	A comparison of the sedative and analgesic effects of buprenorphine in combination with acepromazine, midazolam or medetomidine in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 1994 , 21, 15-20		12
69	Effects of fentanyl on isoflurane minimum alveolar concentration in New Zealand White rabbits (<i>Oryctolagus cuniculus</i>). <i>American Journal of Veterinary Research</i> , 2015 , 76, 1111-5	1.1	11
68	Effect of dexmedetomidine on its clearance: a pharmacokinetic model. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013 , 36, 89-91	1.4	11
67	Determination of the minimum anesthetic concentration of sevoflurane in thick-billed parrots (<i>Rhynchopsitta pachyrhyncha</i>). <i>American Journal of Veterinary Research</i> , 2012 , 73, 1350-5	1.1	11
66	Pharmacokinetics of inhaled anesthetics in green iguanas (<i>Iguana iguana</i>). <i>American Journal of Veterinary Research</i> , 2006 , 67, 1670-4	1.1	11
65	Cardiovascular and respiratory effects of incremental doses of dopamine and phenylephrine in the management of isoflurane-induced hypotension in cats with hypertrophic cardiomyopathy. <i>American Journal of Veterinary Research</i> , 2012 , 73, 908-16	1.1	10
64	Effects of a medetomidine-midazolam-butorphanol combination on renal cortical, intestinal and muscle microvascular blood flow in isoflurane anaesthetized dogs: a laser Doppler study. <i>Veterinary Anaesthesia and Analgesia</i> , 2000 , 27, 36-44	1.3	10
63	Use of midlatency auditory-evoked potentials as indicator of unconsciousness in the dog: characterisation of the effects of acepromazine-thiopentone, medetomidine-thiopentone and medetomidine-butorphanol-midazolam combinations. <i>Research in Veterinary Science</i> , 1999 , 67, 35-9	2.5	10
62	Effects of a single intravenous bolus of fentanyl on the minimum anesthetic concentration of isoflurane in chickens (<i>Gallus gallus domesticus</i>). <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 546-554 ¹⁻³		9
61	Pharmacokinetics of tramadol following intravenous and oral administration in male rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015 , 38, 375-82	1.4	9
60	Evaluation of analgesic effect and absorption of buprenorphine after buccal administration in cats with oral disease. <i>Journal of Feline Medicine and Surgery</i> , 2018 , 20, 704-710	2.3	9
59	Pharmacokinetics of dexmedetomidine after intravenous administration of a bolus to cats. <i>American Journal of Veterinary Research</i> , 2014 , 75, 441-5	1.1	9
58	Pharmacokinetics of fentanyl, alfentanil, and sufentanil in isoflurane-anesthetized cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014 , 37, 13-7	1.4	9
57	Effects of dobutamine on isovolumic and ejection phase indices of cardiac contractility in conscious healthy dogs. <i>Research in Veterinary Science</i> , 1998 , 64, 45-50	2.5	9
56	Cardiac performance in conscious healthy dogs during dobutamine infusion. <i>Research in Veterinary Science</i> , 1996 , 61, 234-9	2.5	9
55	Pharmacokinetics of fentanyl after intravenous administration in isoflurane-anesthetized red-tailed hawks (<i>Buteo jamaicensis</i>) and Hispaniolan Amazon parrots (<i>Amazona ventralis</i>). <i>American Journal of Veterinary Research</i> , 2018 , 79, 606-613	1.1	9
54	Effects of dexmedetomidine, with or without vatinoxan (MK-467), on minimum alveolar concentration of isoflurane in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2019 , 46, 443-451	1.3	7

53	Hemodynamic effects of dexmedetomidine, with and without MK-467, following intramuscular administration in cats anesthetized with isoflurane. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 1101-1115	1.3	7
52	Evaluation of the induction and recovery characteristics of anesthesia with desflurane in cats. <i>American Journal of Veterinary Research</i> , 2004 , 65, 748-51	1.1	7
51	Concentrations of medetomidine enantiomers and vatinoxan, an β -adrenoceptor antagonist, in plasma and central nervous tissue after intravenous coadministration in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2020 , 47, 47-52	1.3	7
50	Cardiovascular tolerance of intravenous bupivacaine in broiler chickens (<i>Gallus gallus domesticus</i>) anesthetized with isoflurane. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 287-294	1.3	6
49	Pharmacokinetics of buprenorphine following intravenous and intramuscular administration in male rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014 , 37, 480-5	1.4	6
48	Evaluation of transesophageal echo-Doppler ultrasonography for the measurement of aortic blood flow in anesthetized cats. <i>American Journal of Veterinary Research</i> , 2008 , 69, 1135-40	1.1	6
47	Pharmacokinetics of hydromorphone after intravenous and intramuscular administration in male rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of the American Association for Laboratory Animal Science</i> , 2014 , 53, 512-6	1.3	6
46	Video-Assisted Thoracoscopic Resection of a Noninvasive Thymoma in a Cat with Myasthenia Gravis Using Low-Pressure Carbon Dioxide Insufflation. <i>Veterinary Surgery</i> , 2016 , 45, O28-O33	1.7	6
45	Pharmacokinetics of dexmedetomidine in isoflurane-anesthetized New Zealand White rabbits. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 876-882	1.3	5
44	Effect of morphine, methadone, hydromorphone or oxymorphone on the thermal threshold, following intravenous or buccal administration to cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2016 , 43, 635-642	1.3	5
43	Comparison of two intravenous anesthetic infusion regimens for alfaxalone in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2018 , 45, 459-466	1.3	4
42	Naltrexone does not affect isoflurane minimum alveolar concentration in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2013 , 40, 225-8	1.3	4
41	Indexing cardiovascular and respiratory variables: allometric scaling principles. <i>Veterinary Anaesthesia and Analgesia</i> , 2015 , 42, 343-9	1.3	4
40	Comparison of variability in cardiorespiratory measurements following desflurane anesthesia at a multiple of the minimum alveolar concentration for each dog versus a multiple of a single predetermined minimum alveolar concentration for all dogs in a group. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1956-61	1.1	4
39	Pharmacokinetics of alfaxalone infusions, context-sensitive half-time and recovery times in male neutered cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2018 , 45, 630-639	1.3	4
38	Plasma bupivacaine concentrations following orbital injections in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 178-182	1.3	3
37	Pharmacokinetics of ketamine following a short intravenous infusion to isoflurane-anesthetized New Zealand White rabbits (<i>Oryctolagus cuniculus</i>). <i>Veterinary Anaesthesia and Analgesia</i> , 2020 , 47, 334-340	1.3	3
36	Effective plasma alfaxalone concentration to produce immobility in male neutered cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2018 , 45, 269-277	1.3	3

35	Anesthesia Case of the Month. <i>Journal of the American Veterinary Medical Association</i> , 2018 , 252, 286-288		3
34	Cardiopulmonary effects of dexmedetomidine, with and without vatinoxan, in isoflurane-anesthetized cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2019 , 46, 753-764	1.3	3
33	Does Acupuncture Acutely Affect Heart Rate Variability in Horses?. <i>Journal of Equine Veterinary Science</i> , 2014 , 34, 1084-1090	1.2	3
32	Use of Infrared Thermography to Detect Jugular Venipuncture in the Horse. <i>Journal of Equine Veterinary Science</i> , 2017 , 59, 1-6	1.2	3
31	Use of naltrexone to antagonize high doses of remifentanil in cats: a dose-finding study. <i>Veterinary Anaesthesia and Analgesia</i> , 2011 , 38, 594-7	1.3	3
30	Capnography 2009 , 875-877		3
29	Effect of fentanyl on the induction dose and minimum infusion rate of alfaxalone preventing movement in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2019 , 46, 173-181	1.3	3
28	Evaluation of the Effects of Chiropractic on Static and Dynamic Muscle Variables in Sport Horses. <i>Journal of Equine Veterinary Science</i> , 2019 , 73, 84-90	1.2	3
27	Anesthesia and Perioperative Care 2012 , 112-150		2
26	Pharmacokinetics of oxymorphone in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011 , 34, 594-8	1.4	2
25	µ Agonists and Antagonists 2015 , 866-871		1
24	µ-Agonists* 2015 , 196-215		1
23	Phenylpiperidine opioid effects on isoflurane minimum alveolar concentration in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020 , 43, 533-537	1.4	1
22	Anesthesia in the Patient with Cardiac Disease 2013 , 409-421		1
21	Comparative Anesthesia and Analgesia of Dogs and Cats 2017 , 721-730		1
20	Factors affecting the sequence of manuscript publication. <i>Veterinary Anaesthesia and Analgesia</i> , 2005 , 32, 373-5	1.3	1
19	Plasma dopamine concentrations following dopamine infusion to isoflurane-anesthetized New Zealand White rabbits. <i>Veterinary Anaesthesia and Analgesia</i> , 2020 , 47, 219-223	1.3	1
18	Pharmacokinetics of midazolam in sevoflurane-anesthetized cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2020 , 47, 200-209	1.3	1

17	Hemodynamic effects of subclinical, clinical and supraclinical plasma alfaxalone concentrations in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2019 , 46, 597-604	1.3	1
16	Effect of heart rate on the pharmacokinetics of fentanyl in dogs anesthetized with isoflurane and hydromorphone. <i>Veterinary Anaesthesia and Analgesia</i> , 2019 , 46, 736-744	1.3	0
15	Pharmacokinetics of vatinoxan in male neutered cats anesthetized with isoflurane. <i>Veterinary Anaesthesia and Analgesia</i> , 2020 , 47, 70-75	1.3	0
14	Evaluation of whether acepromazine maleate causes fentanyl to decrease the minimum alveolar concentration of isoflurane in cats. <i>American Journal of Veterinary Research</i> , 2021 , 82, 352-357	1.1	0
13	Pharmacokinetics of a high-concentration formulation of buprenorphine (Simbadol) in male dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2021 , 48, 509-516	1.3	0
12	Pharmacokinetics of dexmedetomidine during administration of vatinoxan in male neutered cats anesthetized with isoflurane. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020 , 43, 1-5	1.4	0
11	Effects of dexmedetomidine alone or in combination with opioids on intraocular pressure in healthy Beagle dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2021 , 48, 541-544	1.3	0
10	Pharmacokinetics of butorphanol in male neutered cats anesthetized with isoflurane. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021 , 44, 883-887	1.4	0
9	Effect of β -adrenoceptor antagonism on the minimum alveolar concentration of isoflurane in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2019 , 46, 658-661	1.3	
8	Jet Ventilation 2015 , 172-174		
7	Inhalation and Balanced Anesthesia 2017 , 89-104		
6	Capnography 2015 , 994-997		
5	Pharmacokinetic Principles for the Design of Intravenous Infusions 2014 , 125-129		
4	Questions conclusions in study of postoperative analgesia with buprenorphine. <i>Journal of the American Veterinary Medical Association</i> , 2011 , 239, 43; author reply 43-4		1
3	A technique to depress desflurane vapor pressure. <i>Veterinary Anaesthesia and Analgesia</i> , 2006 , 33, 275-80.3		
2	Jet Ventilation 2009 , 910-912		
1	Pharmacokinetics of oral and compounded intravenous gabapentin in Duroc swine (<i>Sus Scrofa</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021 , 44, 776-782	1.4	