Bruno H Pypendop

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Hemodynamic Effects of Medetomidine in the Dog: A Dose Titration Study. Veterinary Surgery, 1998, 27, 612-622.	1.0	289
2	Assessment of the hemodynamic effects of lidocaine administered IV in isofluraneanesthetized cats. American Journal of Veterinary Research, 2005, 66, 661-668.	0.6	102
3	The Effects of Intravenous Lidocaine Administration on the Minimum Alveolar Concentration of Isoflurane in Cats. Anesthesia and Analgesia, 2005, 100, 97-101.	2.2	100
4	Pharmacokinetics of tramadol, and its metabolite <i>O</i> â€desmethylâ€tramadol, in cats. Journal of Veterinary Pharmacology and Therapeutics, 2008, 31, 52-59.	1.3	98
5	Pharmacokinetics of gabapentin in cats. American Journal of Veterinary Research, 2010, 71, 817-821.	0.6	78
6	Hemodynamic effects of dexmedetomidine in isoflurane-anesthetized cats. Veterinary Anaesthesia and Analgesia, 2011, 38, 555-567.	0.6	77
7	Effects of remifentanil on measures of anesthetic immobility and analgesia in cats. American Journal of Veterinary Research, 2009, 70, 1065-1071.	0.6	74
8	Effects of tramadol hydrochloride on the thermal threshold in cats. American Journal of Veterinary Research, 2009, 70, 1465-1470.	0.6	74
9	Antinociceptive effects of butorphanol, buprenorphine, or both, administered intramuscularly in cats. American Journal of Veterinary Research, 2007, 68, 699-703.	0.6	67
10	Effect of intravenous administration of ketamine on the minimum alveolar concentration of isoflurane in anesthetized dogs. American Journal of Veterinary Research, 2006, 67, 21-25.	0.6	63
11	Effects of increasing infusion rates of dopamine, dobutamine, epinephrine, and phenylephrine in healthy anesthetized cats. American Journal of Veterinary Research, 2006, 67, 1491-1499.	0.6	61
12	The Influence of Esomeprazole and Cisapride on Gastroesophageal Reflux During Anesthesia in Dogs. Journal of Veterinary Internal Medicine, 2012, 26, 518-525.	1.6	60
13	Prevalence and risk factors for canine post-anesthetic aspiration pneumonia (1999–2009): a multicenter study. Veterinary Anaesthesia and Analgesia, 2014, 41, 127-136.	0.6	59
14	Pharmacokinetics of lidocaine and its active metabolite, monoethylglycinexylidide, after intravenous administration of lidocaine to awake and isoflurane-anesthetized cats. American Journal of Veterinary Research, 2005, 66, 1162-1166.	0.6	44
15	Cardiovascular and respiratory effects of ketamine infusions in isoflurane-anesthetized dogs before and during noxious stimulation. American Journal of Veterinary Research, 2005, 66, 2122-2129.	0.6	42
16	Cardiovascular effects of romifidine in dogs. American Journal of Veterinary Research, 2001, 62, 490-495.	0.6	40
17	Effects of intravenous administration of lidocaine on the thermal threshold in cats. American Journal of Veterinary Research, 2006, 67, 16-20.	0.6	40
18	Assessment of the effects of gabapentin on activity levels and owner-perceived mobility impairment and quality of life in osteoarthritic geriatric cats. Journal of the American Veterinary Medical Association, 2018, 253, 579-585.	0.5	40

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19	Evaluation of tramadol for treatment of osteoarthritis in geriatric cats. Journal of the American Veterinary Medical Association, 2018, 252, 565-571.	0.5	39
20	Thermal antinociceptive effect of orally administered gabapentin in healthy cats. American Journal of Veterinary Research, 2010, 71, 1027-1032.	0.6	38
21	Pharmacokinetics of the opioid antagonist N-methylnaltrexone and evaluation of its effects on gastrointestinal tract function in horses treated or not treated with morphine. American Journal of Veterinary Research, 2006, 67, 998-1004.	0.6	37
22	Fluid balance, glomerular filtration rate, and urine output in dogs anesthetized for an orthopedic surgical procedure. American Journal of Veterinary Research, 2010, 71, 501-507.	0.6	36
23	Hemodynamic effects of sevoflurane in cats. American Journal of Veterinary Research, 2004, 65, 20-25.	0.6	35
24	Effects of epidural administration of morphine and buprenorphine on the minimum alveolar concentration of isoflurane in cats. American Journal of Veterinary Research, 2006, 67, 1471-1475.	0.6	33
25	Pharmacokinetics of remifentanil in conscious cats and cats anesthetized with isoflurane. American Journal of Veterinary Research, 2008, 69, 531-536.	0.6	33
26	Effects of epidurally administered morphine or buprenorphine on the thermal threshold in cats. American Journal of Veterinary Research, 2008, 69, 983-987.	0.6	32
27	Effect of dexmedetomidine on the minimum alveolar concentration of isoflurane in cats. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 163-168.	1.3	32
28	Pharmacokinetics of amantadine in cats. Journal of Veterinary Pharmacology and Therapeutics, 2011, 34, 599-604.	1.3	31
29	Animal dependence of inhaled anaesthetic requirements in cats †â€This study was presented in abstract form at the American College of Veterinary Anesthesiologists Annual Meeting in Orlando, Florida, October 2002 British Journal of Anaesthesia, 2004, 92, 275-277.	3.4	30
30	Minimum anesthetic concentration of isoflurane in captive thick-billed parrots (Rhynchopsitta) Tj ETQq0 0 0 rgB	Г /Qverloc	k 10 Tf 50 30
31	Impact of the blood sampling site on time–concentration drug profiles following intravenous or buccal drug administration. Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 145-150.	1.3	30
32	The effect of MK-467, a peripheral α2-adrenoceptor antagonist, on dexmedetomidine-induced sedation and bradycardia after intravenous administration in conscious cats. Veterinary Anaesthesia and Analgesia, 2017, 44, 42-51.	0.6	29
33	Cardiovascular effects of dexmedetomidine, with or without MK-467, following intravenous administration in cats. Veterinary Anaesthesia and Analgesia, 2017, 44, 52-62.	0.6	29
34	Bioavailability of morphine, methadone, hydromorphone, and oxymorphone following buccal administration in cats. Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 295-300.	1.3	28
35	Median effective dose of isoflurane, sevoflurane, and desflurane in green iguanas. American Journal of Veterinary Research, 2006, 67, 392-397.	0.6	24
36	The Effects of Intravenous Gabapentin Administration on the Minimum Alveolar Concentration of	2.2	24

Isoflurane in Cats. Anesthesia and Analgesia, 2010, 111, 633-637. 36

#	Article	IF	CITATIONS
37	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 (Gallus gallus) Tj ETQq1 1 0.784	31 4.5 gBT /	Oværlock 10
38	Pharmacokinetics of buprenorphine following intravenous and buccal administration in cats, and effects on thermal threshold. Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 252-259.	1.3	23
39	Prevalence of Gastroesophageal Reflux in Cats During Anesthesia and Effect of Omeprazole on Gastric <scp>pH</scp> . Journal of Veterinary Internal Medicine, 2017, 31, 734-742.	1.6	23
40	Cardiovascular tolerance of intravenous lidocaine in broiler chickens (Gallus gallus domesticus) anesthetized with isoflurane. Veterinary Anaesthesia and Analgesia, 2015, 42, 442-448.	0.6	22
41	Outcome of laryngeal web resection with mucosal apposition for treatment of airway obstruction in dogs: 15 cases (1992–2006). Journal of the American Veterinary Medical Association, 2008, 233, 738-742.	0.5	21
42	Thymoma removal in a cat with acquired myasthenia gravis: a case report and literature review of anesthetic techniques. Veterinary Anaesthesia and Analgesia, 2011, 38, 603-613.	0.6	21
43	The impact of MK-467 on sedation, heart rate and arterial blood pressure after intramuscular coadministration with dexmedetomidine in conscious cats. Veterinary Anaesthesia and Analgesia, 2017, 44, 811-822.	0.6	21
44	Hemodynamic effects of nitrous oxide in isoflurane-anesthetized cats. American Journal of Veterinary Research, 2003, 64, 273-278.	0.6	20
45	Comparison of peribulbar and retrobulbar regional anesthesia with bupivacaine in cats. American Journal of Veterinary Research, 2014, 75, 1029-1039.	0.6	20
46	Effect of amantadine on oxymorphoneâ€induced thermal antinociception in cats. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 169-174.	1.3	19
47	Cardiovascular and respiratory effects of incremental doses of dopamine and phenylephrine in the management of isoflurane-induced hypotension in cats with hypertrophic cardiomyopathy. American Journal of Veterinary Research, 2012, 73, 908-916.	0.6	18
48	Relationship between plasma dexmedetomidine concentration and sedation score and thermal threshold in cats. American Journal of Veterinary Research, 2014, 75, 446-452.	0.6	18
49	Pharmacokinetics of dexmedetomidine administered intravenously in isoflurane-anesthetized cats. American Journal of Veterinary Research, 2012, 73, 285-289.	0.6	17
50	Pharmacokinetics of ketamine and its metabolite, norketamine, after intravenous administration of a bolus of ketamine to isoflurane-anesthetized dogs. American Journal of Veterinary Research, 2005, 66, 2034-2038.	0.6	16
51	Determination of the minimum anesthetic concentration of sevoflurane in thick-billed parrots (Rhynchopsitta pachyrhyncha). American Journal of Veterinary Research, 2012, 73, 1350-1355.	0.6	16
52	Cardiovascular effects of equipotent doses of isoflurane alone and isoflurane plus fentanyl in New Zealand White rabbits (Oryctolagus cuniculus). American Journal of Veterinary Research, 2015, 76, 591-598.	0.6	16
53	Pharmacokinetics of dexmedetomidine, MK-467 and their combination following intramuscular administration in male cats. Veterinary Anaesthesia and Analgesia, 2017, 44, 823-831.	0.6	16
54	Concentrations of medetomidine enantiomers and vatinoxan, an α2-adrenoceptor antagonist, in plasma and central nervous tissue after intravenous coadministration in dogs. Veterinary Anaesthesia and Analgesia, 2020, 47, 47-52.	0.6	15

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55	Effects of a medetomidine-midazolam-butorphanol combination on renal cortical, intestinal and muscle microvascular blood flow in isoflurane anaesthetized dogs: a laser Doppler study. Veterinary Anaesthesia and Analgesia, 2000, 27, 36-44.	0.6	14
56	Characteristics of the relationship between plasma ketamine concentration and its effect on the minimum alveolar concentration of isoflurane in dogs. Veterinary Anaesthesia and Analgesia, 2007, 34, 209-212.	0.6	14
57	Evaluation of urodynamic procedures in female cats anesthetized with low and high doses of isoflurane and propofol. American Journal of Veterinary Research, 2009, 70, 290-296.	0.6	14
58	Pharmacokinetics of dexmedetomidine, <scp>MK</scp> â€467, and their combination following intravenous administration in male cats. Journal of Veterinary Pharmacology and Therapeutics, 2016, 39, 460-468.	1.3	14
59	Pharmacokinetics of fentanyl after intravenous administration in isoflurane-anesthetized red-tailed hawks (Buteo jamaicensis) and Hispaniolan Amazon parrots (Amazona ventralis). American Journal of Veterinary Research, 2018, 79, 606-613.	0.6	14
60	A comparison of the sedative and analgesic effects of buprenorphine in combination with acepromazine, midazolam or medetomidine in dogs. Veterinary Anaesthesia and Analgesia, 1994, 21, 15-20.	0.1	13
61	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. Research in Veterinary Science, 1999, 67, 35-39.	1.9	13
62	Pharmacokinetics of inhaled anesthetics in green iguanas (Iguana iguana). American Journal of Veterinary Research, 2006, 67, 1670-1674.	0.6	13
63	Pharmacokinetics of buprenorphine following intravenous and intramuscular administration in male rhesus macaques (<i><scp>M</scp>acaca mulatta</i>). Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 480-485.	1.3	13
64	Pharmacokinetics of fentanyl, alfentanil, and sufentanil in isofluraneâ€anesthetized cats. Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 13-17.	1.3	13
65	Evaluation of analgesic effect and absorption of buprenorphine after buccal administration in cats with oral disease. Journal of Feline Medicine and Surgery, 2018, 20, 704-710.	1.6	13
66	Effect of dexmedetomidine on its clearance: a pharmacokinetic model. Journal of Veterinary Pharmacology and Therapeutics, 2013, 36, 89-91.	1.3	12
67	Pharmacokinetics of dexmedetomidine after intravenous administration of a bolus to cats. American Journal of Veterinary Research, 2014, 75, 441-445.	0.6	12
68	Effects of fentanyl on isoflurane minimum alveolar concentration in New Zealand White rabbits (Oryctolagus cuniculus). American Journal of Veterinary Research, 2015, 76, 111-115.	0.6	12
69	Hemodynamic effects of dexmedetomidine, with and without MK-467, following intramuscular administration in cats anesthetized with isoflurane. Veterinary Anaesthesia and Analgesia, 2017, 44, 1101-1115.	0.6	12
70	Effects of dexmedetomidine, with or without vatinoxan (MK-467), on minimum alveolar concentration of isoflurane in cats. Veterinary Anaesthesia and Analgesia, 2019, 46, 443-451.	0.6	12
71	Pharmacokinetics of tramadol following intravenous and oral administration in male rhesus macaques (<i>Macaca mulatta</i>). Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 375-382.	1.3	11
72	Effects of a single intravenous bolus of fentanyl on the minimum anesthetic concentration of isoflurane in chickens (Gallus gallus domesticus). Veterinary Anaesthesia and Analgesia, 2017, 44, 546-554.	0.6	11

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73	Evaluation of the induction and recovery characteristics of anesthesia with desflurane in cats. American Journal of Veterinary Research, 2004, 65, 748-751.	0.6	10
74	Cardiovascular tolerance of intravenous bupivacaine in broiler chickens (Gallus gallus domesticus) anesthetized with isoflurane. Veterinary Anaesthesia and Analgesia, 2017, 44, 287-294.	0.6	10
75	Cardiopulmonary effects of dexmedetomidine, with and without vatinoxan, in isoflurane-anesthetized cats. Veterinary Anaesthesia and Analgesia, 2019, 46, 753-764.	0.6	10
76	Cardiac performance in conscious healthy dogs during dobutamine infusion. Research in Veterinary Science, 1996, 61, 234-239.	1.9	9
77	Effects of dobutamine on isovolumic and ejection phase indices of cardiac contractility in conscious healthy dogs. Research in Veterinary Science, 1998, 64, 45-50.	1.9	9
78	Indexing cardiovascular and respiratory variables: allometric scaling principles. Veterinary Anaesthesia and Analgesia, 2015, 42, 343-349.	0.6	9
79	Evaluation of the Effects of Chiropractic on Static and Dynamic MuscleÂVariables in Sport Horses. Journal of Equine Veterinary Science, 2019, 73, 84-90.	0.9	9
80	Evaluation of transesophageal echo-Doppler ultrasonography for the measurement of aortic blood flow in anesthetized cats. American Journal of Veterinary Research, 2008, 69, 1135-1140.	0.6	8
81	Videoâ€Assisted Thoracoscopic Resection of a Noninvasive Thymoma in a Cat with Myasthenia Gravis Using Lowâ€Pressure Carbon Dioxide Insufflation. Veterinary Surgery, 2016, 45, O28-O33.	1.0	7
82	Pharmacokinetics of dexmedetomidine in isoflurane-anesthetized New Zealand White rabbits. Veterinary Anaesthesia and Analgesia, 2017, 44, 876-882.	0.6	7
83	Pharmacokinetics of alfaxalone infusions, context-sensitive half-time and recovery times in male neutered cats. Veterinary Anaesthesia and Analgesia, 2018, 45, 630-639.	0.6	7
84	Effect of fentanyl on the induction dose and minimum infusion rate of alfaxalone preventing movement in dogs. Veterinary Anaesthesia and Analgesia, 2019, 46, 173-181.	0.6	7
85	Phenylpiperidine opioid effects on isoflurane minimum alveolar concentration in cats. Journal of Veterinary Pharmacology and Therapeutics, 2020, 43, 533-537.	1.3	7
86	Pharmacokinetics of hydromorphone after intravenous and intramuscular administration in male rhesus macaques (Macaca mulatta). Journal of the American Association for Laboratory Animal Science, 2014, 53, 512-6.	1.2	7
87	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. American Journal of Veterinary Research, 2006, 67, 1956-1961	0.6	6
88	Use of naltrexone to antagonize high doses of remifentanil in cats: a dose-finding study. Veterinary Anaesthesia and Analgesia, 2011, 38, 594-597.	0.6	6
89	Comparison of two intravenous anesthetic infusion regimens for alfaxalone in cats. Veterinary Anaesthesia and Analgesia, 2018, 45, 459-466.	0.6	6
90	Pharmacokinetics of oxymorphone in cats. Journal of Veterinary Pharmacology and Therapeutics, 2011, 34, 594-598.	1.3	5

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91	Effect of morphine, methadone, hydromorphone or oxymorphone on the thermal threshold, following intravenous or buccal administration to cats. Veterinary Anaesthesia and Analgesia, 2016, 43, 635-642.	0.6	5
92	Plasma bupivacaine concentrations following orbital injections in cats. Veterinary Anaesthesia and Analgesia, 2017, 44, 178-182.	0.6	5
93	Hemodynamic effects of subclinical, clinical and supraclinical plasma alfaxalone concentrations in cats. Veterinary Anaesthesia and Analgesia, 2019, 46, 597-604.	0.6	5
94	Naltrexone does not affect isoflurane minimum alveolar concentration in cats. Veterinary Anaesthesia and Analgesia, 2013, 40, 225-228.	0.6	4
95	Effective plasma alfaxalone concentration to produce immobility in male neutered cats. Veterinary Anaesthesia and Analgesia, 2018, 45, 269-277.	0.6	4
96	Anesthesia Case of the Month. Journal of the American Veterinary Medical Association, 2018, 252, 286-288.	0.5	4
97	Effect of heart rate on the pharmacokinetics of fentanyl in dogs anesthetized with isoflurane and hydromorphone. Veterinary Anaesthesia and Analgesia, 2019, 46, 736-744.	0.6	4
98	Pharmacokinetics of midazolam in sevoflurane-anesthetized cats. Veterinary Anaesthesia and Analgesia, 2020, 47, 200-209.	0.6	4
99	Evaluation of whether acepromazine maleate causes fentanyl to decrease the minimum alveolar concentration of isoflurane in cats. American Journal of Veterinary Research, 2021, 82, 352-357.	0.6	4
100	Pharmacokinetics of butorphanol in male neutered cats anesthetized with isoflurane. Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 883-887.	1.3	4
101	Effect of intravenous butorphanol infusion on the minimum alveolar concentration of isoflurane in cats. Veterinary Anaesthesia and Analgesia, 2022, 49, 165-172.	0.6	4
102	Does Acupuncture Acutely Affect Heart Rate Variability in Horses?. Journal of Equine Veterinary Science, 2014, 34, 1084-1090.	0.9	3
103	α2 Agonists and Antagonists. , 2015, , 866-871.		3
104	Use of Infrared Thermography to Detect Jugular Venipuncture in the Horse. Journal of Equine Veterinary Science, 2017, 59, 1-6.	0.9	3
105	Pharmacokinetics of ketamine following a short intravenous infusion to isoflurane-anesthetized New Zealand White rabbits (Oryctolagus cuniculus). Veterinary Anaesthesia and Analgesia, 2020, 47, 334-340.	0.6	3
106	Pharmacokinetics of a high-concentration formulation of buprenorphine (Simbadol) in male dogs. Veterinary Anaesthesia and Analgesia, 2021, 48, 509-516.	0.6	3
107	Capnography. , 2009, , 875-877.		3

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109	Effect of fentanyl, with or without treatment of bradycardia, on the minimum alveolar concentration of isoflurane and cardiovascular function in dogs. Veterinary Anaesthesia and Analgesia, 2022, 49, 26-35.	0.6	2
110	Letter to the Editor. Veterinary Anaesthesia and Analgesia, 2005, 32, 373-375.	0.6	1
111	Letters to the Editor. Journal of the American Veterinary Medical Association, 2011, 239, 43-47.	0.5	1
112	α2-Agonists*. , 2015, , 196-215.		1
113	Pharmacokinetics of dexmedetomidine during administration of vatinoxan in male neutered cats anesthetized with isoflurane. Journal of Veterinary Pharmacology and Therapeutics, 2020, 43, 1-5.	1.3	1
114	Plasma dopamine concentrations following dopamine infusion to isoflurane-anesthetized New Zealand White rabbits. Veterinary Anaesthesia and Analgesia, 2020, 47, 219-223.	0.6	1
115	Pharmacokinetics of vatinoxan in male neutered cats anesthetized with isoflurane. Veterinary Anaesthesia and Analgesia, 2020, 47, 70-75.	0.6	1
116	Pharmacokinetics of oral and compounded intravenous gabapentin in Duroc swine (<i>SusScrofa</i>). Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 776-782.	1.3	1
117	Effects of dexmedetomidine alone or in combination with opioids on intraocular pressure in healthy Beagle dogs. Veterinary Anaesthesia and Analgesia, 2021, 48, 541-544.	0.6	1
118	Effects of dopamine, norepinephrine or phenylephrine on the prevention of hypotension in isoflurane-anesthetized cats administered vatinoxan or vatinoxan and dexmedetomidine. Veterinary Anaesthesia and Analgesia, 2022, 49, 54-64.	0.6	1
119	Cardiovascular and Gas Exchange Effects of Individualized Positive End-Expiratory Pressures in Cats Anesthetized With Isoflurane. Frontiers in Veterinary Science, 2022, 9, .	2.2	1
120	A technique to depress desflurane vapor pressure. Veterinary Anaesthesia and Analgesia, 2006, 33, 275-280.	0.6	0
121	Capnography. , 2015, , 994-997.		0
122	Jet Ventilation. , 2015, , 172-174.		0
123	Effect of α2-adrenoceptor antagonism on the minimum alveolar concentration of isoflurane in cats. Veterinary Anaesthesia and Analgesia, 2019, 46, 658-661.	0.6	0

124 Jet Ventilation. , 2009, , 910-912.