

Robert J Brosnan

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

863
citations

471509

17
h-index

552781

26
g-index

51
all docs

51
docs citations

51
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of remifentanyl on measures of anesthetic immobility and analgesia in cats. <i>American Journal of Veterinary Research</i> , 2009, 70, 1065-1071.	0.6	74
2	Effects of body position on intracranial and cerebral perfusion pressures in isoflurane-anesthetized horses. <i>Journal of Applied Physiology</i> , 2002, 92, 2542-2546.	2.5	49
3	Anesthetic Properties of the Ketone Bodies γ -Hydroxybutyric Acid and Acetone. <i>Anesthesia and Analgesia</i> , 2007, 105, 673-679.	2.2	43
4	Effects of postanesthetic sedation with romifidine or xylazine on quality of recovery from isoflurane anesthesia in horses. <i>Journal of the American Veterinary Medical Association</i> , 2013, 242, 533-539.	0.5	40
5	Anesthetic Properties of Carbon Dioxide in the Rat. <i>Anesthesia and Analgesia</i> , 2007, 105, 103-106.	2.2	34
6	Direct measurement of intracranial pressure in adult horses. <i>American Journal of Veterinary Research</i> , 2002, 63, 1252-1256.	0.6	33
7	Increased NMDA receptor inhibition at an increased Sevoflurane MAC. <i>BMC Anesthesiology</i> , 2012, 12, 9.	1.8	33
8	Assessment of halothane and sevoflurane anesthesia in spontaneously breathing rats. <i>American Journal of Veterinary Research</i> , 2003, 64, 470-474.	0.6	32
9	Solubility of Haloether Anesthetics in Human and Animal Blood. <i>Anesthesiology</i> , 2012, 117, 48-55.	2.5	28
10	GABAA receptor antagonism increases NMDA receptor inhibition by isoflurane at a minimum alveolar concentration. <i>Veterinary Anaesthesia and Analgesia</i> , 2011, 38, 231-239.	0.6	26
11	Effect of administration of propofol and xylazine hydrochloride on recovery of horses after four hours of anesthesia with desflurane. <i>American Journal of Veterinary Research</i> , 2009, 70, 956-963.	0.6	24
12	Effects of ventilation and isoflurane end-tidal concentration on intracranial and cerebral perfusion pressures in horses. <i>American Journal of Veterinary Research</i> , 2003, 64, 21-25.	0.6	23
13	Effects of head-down positioning on regional central nervous system perfusion in isoflurane-anesthetized horses. <i>American Journal of Veterinary Research</i> , 2008, 69, 737-743.	0.6	23
14	Effects of duration of isoflurane anesthesia and mode of ventilation on intracranial and cerebral perfusion pressures in horses. <i>American Journal of Veterinary Research</i> , 2003, 64, 1444-1448.	0.6	22
15	Anesthetic induction with guaifenesin and propofol in adult horses. <i>American Journal of Veterinary Research</i> , 2011, 72, 1569-1575.	0.6	22
16	Chirality in Anesthesia II: Stereoselective Modulation of Ion Channel Function by Secondary Alcohol Enantiomers. <i>Anesthesia and Analgesia</i> , 2006, 103, 86-91.	2.2	21
17	Use of Propofol and Xylazine and the Anderson Sling Suspension System for Recovery of Horses from Desflurane Anesthesia. <i>Veterinary Surgery</i> , 2009, 38, 927-933.	1.0	19
18	Effects of ketamine, propofol, or thiopental administration on intraocular pressure and qualities of induction of and recovery from anesthesia in horses. <i>American Journal of Veterinary Research</i> , 2013, 74, 1070-1077.	0.6	19

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19	Ammonia Has Anesthetic Properties. <i>Anesthesia and Analgesia</i> , 2007, 104, 1430-1433.	2.2	17
20	Effects of hypercapnic hyperpnea on recovery from isoflurane or sevoflurane anesthesia in horses. <i>Veterinary Anaesthesia and Analgesia</i> , 2012, 39, 335-344.	0.6	17
21	Investigation of perioperative and anesthetic variables affecting short-term survival of horses with small intestinal strangulating lesions. <i>Veterinary Surgery</i> , 2017, 46, 345-353.	1.0	17
22	The Plasticizer Di(2-ethylhexyl) Phthalate Modulates γ -Aminobutyric Acid Type A and Glycine Receptor Function. <i>Anesthesia and Analgesia</i> , 2007, 105, 393-396.	2.2	15
23	Effects of isoflurane anesthesia on cerebrovascular autoregulation in horses. <i>American Journal of Veterinary Research</i> , 2011, 72, 18-24.	0.6	14
24	Inhaled Anesthetics in Horses. <i>Veterinary Clinics of North America Equine Practice</i> , 2013, 29, 69-87.	0.7	14
25	Pharmacokinetics of inhaled anesthetics in green iguanas (<i>Iguana iguana</i>). <i>American Journal of Veterinary Research</i> , 2006, 67, 1670-1674.	0.6	13
26	Desflurane and sevoflurane elimination kinetics and recovery quality in horses. <i>American Journal of Veterinary Research</i> , 2015, 76, 201-207.	0.6	11
27	GABA _A Receptor Modulation by Phenyl Ring Compounds Is Associated with a Water Solubility Cut-Off Value. <i>Pharmacology</i> , 2016, 98, 13-19.	2.2	11
28	Effects of acetylcholinesterase inhibition on quality of recovery from isoflurane-induced anesthesia in horses. <i>American Journal of Veterinary Research</i> , 2014, 75, 223-230.	0.6	10
29	Hydrocarbon molar water solubility predicts NMDA vs. GABA _A receptor modulation. <i>BMC Pharmacology & Toxicology</i> , 2014, 15, 62.	2.4	10
30	Rabbit model of chest wall rigidity induced by fentanyl and the effects of apomorphine. <i>Respiratory Physiology and Neurobiology</i> , 2014, 202, 50-52.	1.6	9
31	Rate of change of oxygen concentration for a large animal circle anesthetic system. <i>American Journal of Veterinary Research</i> , 2005, 66, 1675-1678.	0.6	8
32	Does Anesthetic Additivity Imply a Similar Molecular Mechanism of Anesthetic Action at N-Methyl-D-Aspartate Receptors?. <i>Anesthesia and Analgesia</i> , 2011, 112, 568-573.	2.2	8
33	Anesthetic-sensitive ion channel modulation is associated with a molar water solubility cut-off. <i>BMC Pharmacology & Toxicology</i> , 2018, 19, 57.	2.4	8
34	Intracranial elastance in isoflurane-anesthetized horses. <i>American Journal of Veterinary Research</i> , 2004, 65, 1042-1046.	0.6	7
35	The Minimum Alveolar Anesthetic Concentration of 2-, 3-, and 4-Alcohols and Ketones in Rats: Relevance to Anesthetic Mechanisms. <i>Anesthesia and Analgesia</i> , 2006, 102, 1419-1426.	2.2	7
36	Hilar closure using staplers or Hem-o-lok clips in a rabbit model. <i>Journal of Surgical Research</i> , 2014, 192, 616-620.	1.6	7

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37	Phenylpiperidine opioid effects on isoflurane minimum alveolar concentration in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 533-537.	1.3	7
38	Use of naltrexone to antagonize high doses of remifentanyl in cats: a dose-finding study. <i>Veterinary Anaesthesia and Analgesia</i> , 2011, 38, 594-597.	0.6	6
39	Sedative effects of propofol in horses. <i>Veterinary Anaesthesia and Analgesia</i> , 2009, 36, 421-425.	0.6	4
40	Naltrexone does not affect isoflurane minimum alveolar concentration in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2013, 40, 225-228.	0.6	4
41	Pharmacokinetics and pharmacodynamics of intravenous romifidine and propranolol administered alone or in combination for equine sedation. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 86-97.	0.6	4
42	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.	0.6	4
43	Pharmacokinetics and pharmacodynamics of a high concentration of buprenorphine (Simbadol) in conscious horses after subcutaneous administration. <i>Veterinary Anaesthesia and Analgesia</i> , 2021, 48, 585-595.	0.6	4
44	Anesthetic Pharmacology of the Mint Extracts L-Carvone and Methyl Salicylate. <i>Pharmacology</i> , 2022, 107, 167-178.	2.2	4
45	Hypothermia decreases ethanol MAC in rats. <i>Journal of Anesthesia</i> , 2006, 20, 247-250.	1.7	3
46	Anesthetic synergy between two n-alkanes. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 577-588.	0.6	3
47	In vitro and in vivo GABAA Receptor Interaction of the Propanidid Metabolite 4-(2-[Diethylamino]-2-Oxoethoxy)-3-Methoxy-Benzeneacetic Acid. <i>Pharmacology</i> , 2019, 103, 10-16.	2.2	3
48	The relationship between digital perfusion pressure and hoof lamellar blood flow in isoflurane-anesthetized horses. <i>Research in Veterinary Science</i> , 2011, 90, 138-145.	1.9	2
49	A technique to depress desflurane vapor pressure. <i>Veterinary Anaesthesia and Analgesia</i> , 2006, 33, 275-280.	0.6	0
50	Continuous measurement of arterial oxygenation in mechanically ventilated horses. <i>Equine Veterinary Journal</i> , 2022, 54, 1144-1152.	1.7	0