

Carla Rohrer Bley

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91
papers

1,241
citations

19
h-index

31
g-index

108
ext. papers

1,467
ext. citations

2.6
avg, IF

4.34
L-index

#	Paper	IF	Citations
91	Canine mast cell tumours: a review of the pathogenesis, clinical features, pathology and treatment. <i>Veterinary Dermatology</i> , 2008 , 19, 321-39	1.8	135
90	Optimizing photodynamic therapy: in vivo pharmacokinetics of liposomal meta-(tetrahydroxyphenyl)chlorin in feline squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2005 , 11, 7538-44	12.9	86
89	Irradiation of Brain Tumors in Dogs with Neurologic Disease. <i>Journal of Veterinary Internal Medicine</i> , 2005 , 19, 849-854	3.1	68
88	Histiocytic sarcomas in flat-coated retrievers: a summary of 37 cases (November 1998-March 2005). <i>Veterinary and Comparative Oncology</i> , 2006 , 4, 63-74	2.5	58
87	A retrospective analysis of radiation therapy for the treatment of feline vaccine-associated sarcoma. <i>Veterinary and Comparative Oncology</i> , 2009 , 7, 54-68	2.5	46
86	Photodynamic Therapy of Feline Cutaneous Squamous Cell Carcinoma Using a Newly Developed Liposomal Photosensitizer: Preliminary Results Concerning Drug Safety and Efficacy. <i>Journal of Veterinary Internal Medicine</i> , 2007 , 21, 770-775	3.1	40
85	Assessment of a radiotherapy patient immobilization device using single plane port radiographs and a remote computed tomography scanner. <i>Veterinary Radiology and Ultrasound</i> , 2003 , 44, 470-5	1.2	40
84	Comparison of perioperative racemic methadone, levo-methadone and dextromoramide in cats using indicators of post-operative pain. <i>Veterinary Anaesthesia and Analgesia</i> , 2004 , 31, 175-82	1.3	36
83	Ki67 Reactivity in Nasal and Periocular Squamous Cell Carcinomas in Cats Treated with Electron Beam Radiation Therapy. <i>Journal of Veterinary Internal Medicine</i> , 2006 , 20, 676-681	3.1	33
82	Possible human-avian transmission of Mycobacterium tuberculosis in a green-winged macaw (Ara chloroptera). <i>Avian Diseases</i> , 2006 , 50, 641-5	1.6	32
81	3D conformal radiation therapy for palliative treatment of canine nasal tumors. <i>Veterinary Radiology and Ultrasound</i> , 2009 , 50, 679-83	1.2	27
80	Measurement of tumor hypoxia in spontaneous canine sarcomas. <i>Veterinary Radiology and Ultrasound</i> , 2005 , 46, 348-54	1.2	27
79	Efficacy and side effects of radiation therapy in comparison with radiation therapy and temozolomide in the treatment of measurable canine malignant melanoma. <i>Veterinary and Comparative Oncology</i> , 2016 , 14, e146-e157	2.5	25
78	Clinical assessment of repeated propofol-associated anesthesia in cats. <i>Journal of the American Veterinary Medical Association</i> , 2007 , 231, 1347-53	1	24
77	The role of sentinel lymph node mapping in small animal veterinary medicine: A comparison with current approaches in human medicine. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 178-187	2.5	24
76	Irradiation of brain tumors in dogs with neurologic disease. <i>Journal of Veterinary Internal Medicine</i> , 2005 , 19, 849-54	3.1	23
75	Oxygenation of spontaneous canine tumors during fractionated radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2004 , 180, 297-305	4.3	21

74	Outcome in dogs with advanced (stage 3b) anal sac gland carcinoma treated with surgery or hypofractionated radiation therapy. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 1073-1086	2.5	19
73	Computed tomographic-lymphography as a complementary technique for lymph node staging in dogs with malignant tumors of various sites. <i>Veterinary Radiology and Ultrasound</i> , 2018 , 59, 155-162	1.2	19
72	HYPOFRACTIONATED RADIOTHERAPY FOR MACROSCOPIC CANINE SOFT TISSUE SARCOMA: A RETROSPECTIVE STUDY OF 50 CASES TREATED WITH A 5 Gy PROTOCOL WITH OR WITHOUT METRONOMIC CHEMOTHERAPY. <i>Veterinary Radiology and Ultrasound</i> , 2016 , 57, 75-83	1.2	17
71	Intensity-modulated radiation therapy dose prescription and reporting: Sum and substance of the International Commission on Radiation Units and Measurements Report 83 for veterinary medicine. <i>Veterinary Radiology and Ultrasound</i> , 2019 , 60, 255-264	1.2	16
70	Role of the microenvironment for radiosensitization by patupilone. <i>Clinical Cancer Research</i> , 2009 , 15, 1335-42	12.9	15
69	Efficacy of radiation therapy for the treatment of macroscopic canine oral soft tissue sarcoma. <i>In Vivo</i> , 2006 , 20, 415-9	2.3	15
68	Survival analysis of dogs with advanced primary lung carcinoma treated by metronomic cyclophosphamide, piroxicam and thalidomide. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 399-408	2.5	14
67	Breed-associated risks for developing canine lymphoma differ among countries: an European canine lymphoma network study. <i>BMC Veterinary Research</i> , 2018 , 14, 232	2.7	14
66	Outcome and failure patterns of localized sinonasal lymphoma in cats treated with first-line single-modality radiation therapy: A retrospective study. <i>Veterinary and Comparative Oncology</i> , 2019 , 17, 528-536	2.5	14
65	Comparative evaluation of a novel, moderately hypofractionated radiation protocol in 56 dogs with symptomatic intracranial neoplasia. <i>Journal of Veterinary Internal Medicine</i> , 2018 , 32, 2013-2020	3.1	14
64	Influence of pretreatment polarographically measured oxygenation levels in spontaneous canine tumors treated with radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2006 , 182, 518-24	4.3	13
63	Microtubule stabilising agents and ionising radiation: multiple exploitable mechanisms for combined treatment. <i>European Journal of Cancer</i> , 2013 , 49, 245-53	7.5	12
62	DNA damage response and DNA repair - dog as a model?. <i>BMC Cancer</i> , 2014 , 14, 203	4.8	11
61	Retrospective clinical study on outcome in cats with nasal planum squamous cell carcinoma treated with an accelerated radiation protocol. <i>BMC Veterinary Research</i> , 2017 , 13, 86	2.7	11
60	A complication probability planning study to predict the safety of a new protocol for intracranial tumour radiotherapy in dogs. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 1295-1308	2.5	11
59	Dynamics of tumor hypoxia in response to patupilone and ionizing radiation. <i>PLoS ONE</i> , 2012 , 7, e51476	3.7	11
58	Multiple myeloma in a dog with multiple concurrent infectious diseases and persistent polyclonal gammopathy. <i>Veterinary Clinical Pathology</i> , 2013 , 42, 47-54	1	11
57	Correlation of quantified contrast-enhanced power Doppler ultrasonography with immunofluorescent analysis of microvessel density in spontaneous canine tumours. <i>Veterinary Journal</i> , 2010 , 183, 58-62	2.5	11

56	Measurements of hypoxia ([[18F]-FMISO, [[18F]-EF5) with positron emission tomography (PET) and perfusion using PET ([[15O]-H(2)O) and power Doppler ultrasonography in feline fibrosarcomas*. <i>Veterinary and Comparative Oncology</i> , 2005 , 3, 211-21	2.5	11
55	Ki67 reactivity in nasal and periocular squamous cell carcinomas in cats treated with electron beam radiation therapy. <i>Journal of Veterinary Internal Medicine</i> , 2006 , 20, 676-81	3.1	11
54	Regulation of VEGF-expression by patupilone and ionizing radiation in lung adenocarcinoma cells. <i>Lung Cancer</i> , 2011 , 73, 294-301	5.9	10
53	Dynamic In Vivo Profiling of DNA Damage and Repair after Radiotherapy Using Canine Patients as a Model. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
52	Unusual presentation of alveolar echinococcosis as prostatic and paraprostatic cysts in a dog. <i>BMC Veterinary Research</i> , 2013 , 9, 159	2.7	9
51	Expression of prolactin receptors in normal canine mammary tissue, canine mammary adenomas and mammary adenocarcinomas. <i>BMC Veterinary Research</i> , 2012 , 8, 72	2.7	9
50	Mutations of BRCA2 in canine mammary tumors and their targeting potential in clinical therapy. <i>BMC Veterinary Research</i> , 2020 , 16, 30	2.7	9
49	A prospective pilot study on early toxicity from a simultaneously integrated boost technique for canine sinonasal tumours using image-guided intensity-modulated radiation therapy. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 441-449	2.5	9
48	Megavoltage Radiotherapy for the Treatment of Degenerative Joint Disease in Dogs: Results of a Preliminary Experience in an Italian Radiotherapy Centre. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 74	3.1	8
47	Hypoxia-Related Marker GLUT-1, CAIX, Proliferative Index and Microvessel Density in Canine Oral Malignant Neoplasia. <i>PLoS ONE</i> , 2016 , 11, e0149993	3.7	8
46	Photodynamic therapy of feline cutaneous squamous cell carcinoma using a newly developed liposomal photosensitizer: preliminary results concerning drug safety and efficacy. <i>Journal of Veterinary Internal Medicine</i> , 2007 , 21, 770-5	3.1	8
45	Correlation of pretreatment polarographically measured oxygen pressures with quantified contrast-enhanced power doppler ultrasonography in spontaneous canine tumors and their impact on outcome after radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2009 , 185, 756-62	4.3	7
44	Assessment of changes in vascularity and blood volume in canine sarcomas and squamous cell carcinomas during fractionated radiation therapy using quantified contrast-enhanced power Doppler ultrasonography: a preliminary study. <i>Veterinary Journal</i> , 2010 , 186, 58-63	2.5	7
43	Metastasized Leydig cell tumor in a dog. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2015 , 157, 111-5	1.1	7
42	Radiation therapy for intracranial tumours in cats with neurological signs. <i>Journal of Feline Medicine and Surgery</i> , 2019 , 21, 765-771	2.3	7
41	Cell line-specific efficacy of thermoradiotherapy in human and canine cancer cells in vitro. <i>PLoS ONE</i> , 2019 , 14, e0216744	3.7	6
40	A newly designed radiation therapy protocol in combination with prednisolone as treatment for meningoencephalitis of unknown origin in dogs: a prospective pilot study introducing magnetic resonance spectroscopy as monitor tool. <i>Acta Veterinaria Scandinavica</i> , 2015 , 57, 4	2	6
39	Novel hyperthermia applicator system allows adaptive treatment planning: Preliminary clinical results in tumour-bearing animals. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 202-213	2.5	6

38	Combining magnetic and optical tracking for computer aided therapy. <i>Zeitschrift Fur Medizinische Physik</i> , 2004 , 14, 189-94	7.6	6
37	Toxicity and outcome in cats with oral squamous cell carcinoma after accelerated hypofractionated radiotherapy and concurrent systemic treatment. <i>Veterinary and Comparative Oncology</i> , 2020 , 18, 362-369 ⁵		5
36	COMPARISON OF TWO COARSE FRACTIONATED RADIATION PROTOCOLS FOR THE MANAGEMENT OF CANINE PITUITARY MACROTUMOR: AN OBSERVATIONAL STUDY OF 24 DOGS, MARCINOWSKA ET AL., DOI: 10.1111/VRU.12270. <i>Veterinary Radiology and Ultrasound</i> , 2016 , 57, 107-8	1.2	5
35	Comparison of definitive-intent finely fractionated and palliative-intent coarsely fractionated radiotherapy as adjuvant treatment of feline microscopic injection-site sarcoma. <i>Journal of Feline Medicine and Surgery</i> , 2019 , 21, 65-72	2.3	5
34	Ocular and periocular radiation toxicity in dogs treated for sinonasal tumors: A critical review. <i>Veterinary Ophthalmology</i> , 2020 , 23, 596-610	1.4	4
33	Methadone does not potentiate the effect of doxorubicin in canine tumour cell lines. <i>Veterinary Medicine and Science</i> , 2020 , 6, 283-289	2.1	4
32	Evaluation of long-term outcome and prognostic factors of feline squamous cell carcinomas treated with photodynamic therapy using liposomal phosphorylated meta-tetra(hydroxylphenyl)chlorine. <i>Journal of Feline Medicine and Surgery</i> , 2018 , 20, 1100-1104	2.3	4
31	Dosimetric benefit of adaptive radiotherapy in the neoadjuvant management of canine and feline thymoma-An exploratory case series. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 324-329	2.5	4
30	Principles for ethical treatment decision-making in veterinary oncology. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 171-177	2.5	4
29	Cross-Reactivity and Functionality of Approved Human Immune Checkpoint Blockers in Dogs. <i>Cancers</i> , 2021 , 13,	6.6	4
28	Definitive-intent intensity-modulated radiation therapy provides similar outcomes to those previously published for definitive-intent three-dimensional conformal radiation therapy in dogs with primary brain tumors: A multi-institutional retrospective study. <i>Veterinary Radiology and Ultrasound</i> , 2020 , 61, 481-489	1.2	3
27	Outcome comparison between radiation therapy and surgery as primary treatment for dogs with periarticular histiocytic sarcoma: An Italian Society of Veterinary Oncology study. <i>Veterinary and Comparative Oncology</i> , 2020 , 18, 778-786	2.5	3
26	A complication probability study for a definitive-intent, moderately hypofractionated image-guided intensity-modulated radiotherapy protocol for anal sac adenocarcinoma in dogs. <i>Veterinary and Comparative Oncology</i> , 2019 , 17, 21-31	2.5	3
25	7Hsp70 serum levels in pet dogs-a potential diagnostic biomarker for spontaneous round cell tumors. <i>Cell Stress and Chaperones</i> , 2019 , 24, 969-978	4	3
24	Clinical challenge. Multiple myeloma. <i>Journal of Zoo and Wildlife Medicine</i> , 2009 , 40, 398-401	0.9	3
23	Interrelation of directly measured oxygenation levels, erythropoietin and erythropoietin receptor expression in spontaneous canine tumours. <i>European Journal of Cancer</i> , 2007 , 43, 963-7	7.5	3
22	An open-label phase 1 dose-escalation clinical trial of a single intravenous administration of gemcitabine in dogs with advanced solid tumors. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 620-5 ^{3.1}		2
21	An open-label dose escalation study evaluating tolerability and safety of a single 5-days course of temozolomide in dogs with advanced cancer. <i>Veterinary and Comparative Oncology</i> , 2020 , 18, 838-842	2.5	2

20	Definitive-intent radiotherapy for sinonasal carcinoma in cats: A multicenter retrospective assessment. <i>Veterinary and Comparative Oncology</i> , 2020 , 18, 626-633	2.5	2
19	Differences in the Response to DNA Double-Strand Breaks between Rod Photoreceptors of Rodents, Pigs, and Humans. <i>Cells</i> , 2020 , 9,	7.9	2
18	Use of epothilone B (patupilone) in refractory lymphoma and advanced solid tumors in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2013 , 27, 120-5	3.1	2
17	Prolactin--to be reconsidered in canine mammary tumourigenesis?. <i>Veterinary and Comparative Oncology</i> , 2014 , 12, 93-105	2.5	2
16	Simultaneous application of the vascular endothelial growth factor (VEGF) receptor inhibitor PTK787/ZK 222584 and ionizing radiation does not further reduce the growth of canine oral melanoma xenografts in nude mice. <i>Veterinary Journal</i> , 2007 , 173, 564-70	2.5	2
15	Radiation therapy for the treatment of canine progressive cutaneous angiomatosis: Description of 2 cases. <i>Canadian Veterinary Journal</i> , 2018 , 59, 1067-1070	0.5	2
14	Using biologically based objectives to optimize boost intensity-modulated radiation therapy planning for brainstem tumors in dogs. <i>Veterinary Radiology and Ultrasound</i> , 2020 , 61, 77-84	1.2	2
13	Temozolomide is additive with cytotoxic effect of irradiation in canine glioma cell lines. <i>Veterinary Medicine and Science</i> , 2021 , 7, 2124-2134	2.1	2
12	Estimation of planning organ at risk volumes for ocular structures in dogs undergoing three-dimensional image-guided periocular radiotherapy with rigid bite block immobilization. <i>Veterinary Radiology and Ultrasound</i> , 2021 , 62, 246-254	1.2	2
11	Safety, tolerability and pharmacokinetic properties of the novel triazene TriN 2755 in tumour bearing dogs—a phase I study. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 94-104	2.5	1
10	Dynamic DNA Damage and Repair Modeling: Bridging the Gap Between Experimental Damage Readout and Model Structure. <i>Communications in Computer and Information Science</i> , 2019 , 127-137	0.3	1
9	Massive haematoma formation associated with proximal popliteal artery haemangioendothelioma in a dog. <i>Journal of Small Animal Practice</i> , 2011 , 52, 612-5	1.6	1
8	Role of HSP70 in response to (thermo)radiotherapy: analysis of gene expression in canine osteosarcoma cells by RNA-seq. <i>Scientific Reports</i> , 2020 , 10, 12779	4.9	1
7	Canine presumed glial brain tumours treated with radiotherapy: Is there an inferior outcome in tumours contacting the subventricular zone?. <i>Veterinary and Comparative Oncology</i> , 2021 ,	2.5	1
6	Reducing margins for abdominopelvic tumours in dogs: Impact on dose-coverage and normal tissue complication probability. <i>Veterinary and Comparative Oncology</i> , 2021 , 19, 266-274	2.5	1
5	Dose-escalated simultaneously integrated boost radiation protocol fails to result in a survival advantage for sinonasal tumors in dogs.. <i>Veterinary Radiology and Ultrasound</i> , 2022 ,	1.2	1
4	Holistic View on Cell Survival and DNA Damage: How Model-Based Data Analysis Supports Exploration of Dynamics in Biological Systems. <i>Computational and Mathematical Methods in Medicine</i> , 2020 , 2020, 5972594	2.8	0
3	A Novel Analytical Population Tumor Control Probability Model Includes Cell Density and Volume Variations: Application to Canine Brain Tumor. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 1530-1537	4	0

- 2 Can volumetric modulated arc radiation therapy reduce organ at risk dose in stage 4 sinonasal tumors in dogs treated with boost irradiation?. *PLoS ONE*, **2021**, 16, e0259112 3·7
- 1 Relative tumor volume has prognostic relevance in canine sinonasal tumors treated with radiation therapy: A retrospective study. *PLoS ONE*, **2022**, 17, e0269083 3·7