Carla Rohrer Bley

List of Publications by Year in Descending Order

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	Dose-escalated simultaneously integrated boost radiation protocol fails to result in a survival advantage for sinonasal tumors in dogs.. *Veterinary Radiology and Ultrasound*, **2022**,	1.2	1
90	Relative tumor volume has prognostic relevance in canine sinonasal tumors treated with radiation therapy: A retrospective study. *PLoS ONE*, **2022**, 17, e0269083	3.7	
89	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	
88	Canine presumed glial brain tumours treated with radiotherapy: Is there an inferior outcome in tumours contacting the subventricular zone?. *Veterinary and Comparative Oncology*, **2021**,	2.5	1
87	Reducing margins for abdominopelvic tumours in dogs: Impact on dose-coverage and normal tissue complication probability. *Veterinary and Comparative Oncology*, **2021**, 19, 266-274	2.5	1
86	Cross-Reactivity and Functionality of Approved Human Immune Checkpoint Blockers in Dogs. *Cancers*, **2021**, 13,	6.6	4
85	A Novel Analytical Population Tumor Control Probability Model Includes Cell Density and Volume Variations: Application to Canine Brain Tumor. *International Journal of Radiation Oncology Biology Physics*, **2021**, 110, 1530-1537	4	0
84	Temozolomide is additive with cytotoxic effect of irradiation in canine glioma cell lines. *Veterinary Medicine and Science*, **2021**, 7, 2124-2134	2.1	2
83	Estimation of planning organ at risk volumes for ocular structures in dogs undergoing three-dimensional image-guided periocular radiotherapy with rigid bite block immobilization. *Veterinary Radiology and Ultrasound*, **2021**, 62, 246-254	1.2	2
82	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. *Veterinary Radiology and Ultrasound*, **2020**, 61, 481-489	1.2	3
81	Outcome comparison between radiation therapy and surgery as primary treatment for dogs with periarticular histiocytic sarcoma: An Italian Society of Veterinary Oncology study. *Veterinary and Comparative Oncology*, **2020**, 18, 778-786	2.5	3
80	An open-label dose escalation study evaluating tolerability and safety of a single 5-days course of temozolomide in dogs with advanced cancer. *Veterinary and Comparative Oncology*, **2020**, 18, 838-842	2.5	2
79	Definitive-intent radiotherapy for sinonasal carcinoma in cats: A multicenter retrospective assessment. *Veterinary and Comparative Oncology*, **2020**, 18, 626-633	2.5	2
78	Ocular and periocular radiation toxicity in dogs treated for sinonasal tumors: A critical review. *Veterinary Ophthalmology*, **2020**, 23, 596-610	1.4	4
77	Methadone does not potentiate the effect of doxorubicin in canine tumour cell lines. *Veterinary Medicine and Science*, **2020**, 6, 283-289	2.1	4
76	Differences in the Response to DNA Double-Strand Breaks between Rod Photoreceptors of Rodents, Pigs, and Humans. *Cells*, **2020**, 9,	7.9	2
75	Mutations of BRCA2 in canine mammary tumors and their targeting potential in clinical therapy. *BMC Veterinary Research*, **2020**, 16, 30	2.7	9

74	Using biologically based objectives to optimize boost intensity-modulated radiation therapy planning for brainstem tumors in dogs. *Veterinary Radiology and Ultrasound*, **2020**, 61, 77-84	1.2	2
73	Toxicity and outcome in cats with oral squamous cell carcinoma after accelerated hypofractionated radiotherapy and concurrent systemic treatment. *Veterinary and Comparative Oncology*, **2020**, 18, 362-369	2.5	5
72	Holistic View on Cell Survival and DNA Damage: How Model-Based Data Analysis Supports Exploration of Dynamics in Biological Systems. *Computational and Mathematical Methods in Medicine*, **2020**, 2020, 5972594	2.8	0
71	Role of HSP70 in response to (thermo)radiotherapy: analysis of gene expression in canine osteosarcoma cells by RNA-seq. *Scientific Reports*, **2020**, 10, 12779	4.9	1
70	Dynamic DNA Damage and Repair Modeling: Bridging the Gap Between Experimental Damage Readout and Model Structure. *Communications in Computer and Information Science*, **2019**, 127-137	0.3	1
69	Cell line-specific efficacy of thermoradiotherapy in human and canine cancer cells in vitro. *PLoS ONE* , **2019**, 14, e0216744	3.7	6
68	A complication probability study for a definitive-intent, moderately hypofractionated image-guided intensity-modulated radiotherapy protocol for anal sac adenocarcinoma in dogs. *Veterinary and Comparative Oncology*, **2019**, 17, 21-31	2.5	3
67	7Hsp70 serum levels in pet dogs-a potential diagnostic biomarker for spontaneous round cell tumors. *Cell Stress and Chaperones*, **2019**, 24, 969-978	4	3
66	Outcome and failure patterns of localized sinonasal lymphoma in cats treated with first-line single-modality radiation therapy: A retrospective study. *Veterinary and Comparative Oncology*, **2019**, 17, 528-536	2.5	14
65	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. *Veterinary Radiology and Ultrasound*, **2019**, 60, 255-264	1.2	16
64	Radiation therapy for intracranial tumours in cats with neurological signs. *Journal of Feline Medicine and Surgery*, **2019**, 21, 765-771	2.3	7
63	Comparison of definitive-intent finely fractionated and palliative-intent coarsely fractionated radiotherapy as adjuvant treatment of feline microscopic injection-site sarcoma. *Journal of Feline Medicine and Surgery*, **2019**, 21, 65-72	2.3	5
62	Survival analysis of dogs with advanced primary lung carcinoma treated by metronomic cyclophosphamide, piroxicam and thalidomide. *Veterinary and Comparative Oncology*, **2018**, 16, 399-408	2.5	14
61	Evaluation of long-term outcome and prognostic factors of feline squamous cell carcinomas treated with photodynamic therapy using liposomal phosphorylated meta-tetra(hydroxylphenyl)chlorine. *Journal of Feline Medicine and Surgery*, **2018**, 20, 1100-1104	2.3	4
60	Dosimetric benefit of adaptive radiotherapy in the neoadjuvant management of canine and feline thymoma-An exploratory case series. *Veterinary and Comparative Oncology*, **2018**, 16, 324-329	2.5	4
59	Computed tomographic-lymphography as a complementary technique for lymph node staging in dogs with malignant tumors of various sites. *Veterinary Radiology and Ultrasound*, **2018**, 59, 155-162	1.2	19
58	Principles for ethical treatment decision-making in veterinary oncology. *Veterinary and Comparative Oncology*, **2018**, 16, 171-177	2.5	4
57	Novel hyperthermia applicator system allows adaptive treatment planning: Preliminary clinical results in tumour-bearing animals. *Veterinary and Comparative Oncology*, **2018**, 16, 202-213	2.5	6

56	Megavoltage Radiotherapy for the Treatment of Degenerative Joint Disease in Dogs: Results of a Preliminary Experience in an Italian Radiotherapy Centre. *Frontiers in Veterinary Science*, **2018**, 5, 74	3.1	8
55	Breed-associated risks for developing canine lymphoma differ among countries: an European canine lymphoma network study. *BMC Veterinary Research*, **2018**, 14, 232	2.7	14
54	Radiation therapy for the treatment of canine progressive cutaneous angiomatosis: Description of 2 cases. *Canadian Veterinary Journal*, **2018**, 59, 1067-1070	0.5	2
53	The role of sentinel lymph node mapping in small animal veterinary medicine: A comparison with current approaches in human medicine. *Veterinary and Comparative Oncology*, **2018**, 16, 178-187	2.5	24
52	Comparative evaluation of a novel, moderately hypofractionated radiation protocol in 56 dogs with symptomatic intracranial neoplasia. *Journal of Veterinary Internal Medicine*, **2018**, 32, 2013-2020	3.1	14
51	A prospective pilot study on early toxicity from a simultaneously integrated boost technique for canine sinonasal tumours using image-guided intensity-modulated radiation therapy. *Veterinary and Comparative Oncology*, **2018**, 16, 441-449	2.5	9
50	Outcome in dogs with advanced (stage 3b) anal sac gland carcinoma treated with surgery or hypofractionated radiation therapy. *Veterinary and Comparative Oncology*, **2017**, 15, 1073-1086	2.5	19
49	Safety, tolerability and pharmacokinetic properties of the novel triazene TriN 2755 in tumour bearing dogs□□a phase I study. *Veterinary and Comparative Oncology*, **2017**, 15, 94-104	2.5	1
48	Dynamic In Vivo Profiling of DNA Damage and Repair after Radiotherapy Using Canine Patients as a Model. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	9
47	Retrospective clinical study on outcome in cats with nasal planum squamous cell carcinoma treated with an accelerated radiation protocol. *BMC Veterinary Research*, **2017**, 13, 86	2.7	11
46	A complication probability planning study to predict the safety of a new protocol for intracranial tumour radiotherapy in dogs. *Veterinary and Comparative Oncology*, **2017**, 15, 1295-1308	2.5	11
45	Hypoxia-Related Marker GLUT-1, CAIX, Proliferative Index and Microvessel Density in Canine Oral Malignant Neoplasia. *PLoS ONE*, **2016**, 11, e0149993	3.7	8
44	Efficacy and side effects of radiation therapy in comparison with radiation therapy and temozolomide in the treatment of measurable canine malignant melanoma. *Veterinary and Comparative Oncology*, **2016**, 14, e146-e157	2.5	25
43	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. *Veterinary Radiology and Ultrasound*, **2016**, 57, 107-8	1.2	5
42	HYPOFRACTIONATED RADIOTHERAPY FOR MACROSCOPIC CANINE SOFT TISSUE SARCOMA: A RETROSPECTIVE STUDY OF 50 CASES TREATED WITH A 5 □6 GY PROTOCOL WITH OR WITHOUT METRONOMIC CHEMOTHERAPY. *Veterinary Radiology and Ultrasound*, **2016**, 57, 75-83	1.2	17
41	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. *Acta Veterinaria Scandinavica*, **2015**, 57, 4	2	6
40	An open-label phase 1 dose-escalation clinical trial of a single intravenous administration of gemcitabine in dogs with advanced solid tumors. *Journal of Veterinary Internal Medicine*, **2015**, 29, 620-5	3.1	2
39	Metastasized Leydig cell tumor in a dog. *Schweizer Archiv Fur Tierheilkunde*, **2015**, 157, 111-5	1.1	7

38	DNA damage response and DNA repair - dog as a model?. *BMC Cancer*, **2014**, 14, 203	4.8	11
37	Prolactin--to be reconsidered in canine mammary tumourigenesis?. *Veterinary and Comparative Oncology*, **2014**, 12, 93-105	2.5	2
36	Unusual presentation of alveolar echinococcosis as prostatic and paraprostatic cysts in a dog. *BMC Veterinary Research*, **2013**, 9, 159	2.7	9
35	Use of epothilone B (patupilone) in refractory lymphoma and advanced solid tumors in dogs. *Journal of Veterinary Internal Medicine*, **2013**, 27, 120-5	3.1	2
34	Microtubule stabilising agents and ionising radiation: multiple exploitable mechanisms for combined treatment. *European Journal of Cancer*, **2013**, 49, 245-53	7.5	12
33	Multiple myeloma in a dog with multiple concurrent infectious diseases and persistent polyclonal gammopathy. *Veterinary Clinical Pathology*, **2013**, 42, 47-54	1	11
32	Expression of prolactin receptors in normal canine mammary tissue, canine mammary adenomas and mammary adenocarcinomas. *BMC Veterinary Research*, **2012**, 8, 72	2.7	9
31	Dynamics of tumor hypoxia in response to patupilone and ionizing radiation. *PLoS ONE*, **2012**, 7, e51476	3.7	11
30	Regulation of VEGF-expression by patupilone and ionizing radiation in lung adenocarcinoma cells. *Lung Cancer*, **2011**, 73, 294-301	5.9	10
29	Massive haematoma formation associated with proximal popliteal artery haemangioendothelioma in a dog. *Journal of Small Animal Practice*, **2011**, 52, 612-5	1.6	1
28	Correlation of quantified contrast-enhanced power Doppler ultrasonography with immunofluorescent analysis of microvessel density in spontaneous canine tumours. *Veterinary Journal*, **2010**, 183, 58-62	2.5	11
27	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. *Veterinary Journal*, **2010**, 186, 58-63	2.5	7
26	Clinical challenge. Multiple myeloma. *Journal of Zoo and Wildlife Medicine*, **2009**, 40, 398-401	0.9	3
25	Role of the microenvironment for radiosensitization by patupilone. *Clinical Cancer Research*, **2009**, 15, 1335-42	12.9	15
24	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. *Strahlentherapie Und Onkologie*, **2009**, 185, 756-62	4.3	7
23	3D conformal radiation therapy for palliative treatment of canine nasal tumors. *Veterinary Radiology and Ultrasound*, **2009**, 50, 679-83	1.2	27
22	A retrospective analysis of radiation therapy for the treatment of feline vaccine-associated sarcoma. *Veterinary and Comparative Oncology*, **2009**, 7, 54-68	2.5	46
21	Canine mast cell tumours: a review of the pathogenesis, clinical features, pathology and treatment. *Veterinary Dermatology*, **2008**, 19, 321-39	1.8	135

20	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. *Veterinary Journal*, **2007**, 173, 564-70	2.5	2
19	Interrelation of directly measured oxygenation levels, erythropoietin and erythropoietin receptor expression in spontaneous canine tumours. *European Journal of Cancer*, **2007**, 43, 963-7	7.5	3
18	Photodynamic Therapy of Feline Cutaneous Squamous Cell Carcinoma Using a Newly Developed Liposomal Photosensitizer: Preliminary Results Concerning Drug Safety and Efficacy. *Journal of Veterinary Internal Medicine*, **2007**, 21, 770-775	3.1	40
17	Clinical assessment of repeated propofol-associated anesthesia in cats. *Journal of the American Veterinary Medical Association*, **2007**, 231, 1347-53	1	24
16	Photodynamic therapy of feline cutaneous squamous cell carcinoma using a newly developed liposomal photosensitizer: preliminary results concerning drug safety and efficacy. *Journal of Veterinary Internal Medicine*, **2007**, 21, 770-5	3.1	8
15	Influence of pretreatment polarographically measured oxygenation levels in spontaneous canine tumors treated with radiation therapy. *Strahlentherapie Und Onkologie*, **2006**, 182, 518-24	4.3	13
14	Possible human-avian transmission of Mycobacterium tuberculosis in a green-winged macaw (Ara chloroptera). *Avian Diseases*, **2006**, 50, 641-5	1.6	32
13	Ki67 Reactivity in Nasal and Periocular Squamous Cell Carcinomas in Cats Treated with Electron Beam Radiation Therapy. *Journal of Veterinary Internal Medicine*, **2006**, 20, 676-681	3.1	33
12	Histiocytic sarcomas in flat-coated retrievers: a summary of 37 cases (November 1998-March 2005). *Veterinary and Comparative Oncology*, **2006**, 4, 63-74	2.5	58
11	Ki67 reactivity in nasal and periocular squamous cell carcinomas in cats treated with electron beam radiation therapy. *Journal of Veterinary Internal Medicine*, **2006**, 20, 676-81	3.1	11
10	Efficacy of radiation therapy for the treatment of macroscopic canine oral soft tissue sarcoma. *In Vivo*, **2006**, 20, 415-9	2.3	15
9	Irradiation of Brain Tumors in Dogs with Neurologic Disease. *Journal of Veterinary Internal Medicine*, **2005**, 19, 849-854	3.1	68
8	Measurements of hypoxia ([(18)F]-FMISO, [(18)F]-EF5) with positron emission tomography (PET) and perfusion using PET ([(15)O]-H(2)O) and power Doppler ultrasonography in feline fibrosarcomas*. *Veterinary and Comparative Oncology*, **2005**, 3, 211-21	2.5	11
7	Measurement of tumor hypoxia in spontaneous canine sarcomas. *Veterinary Radiology and Ultrasound*, **2005**, 46, 348-54	1.2	27
6	Optimizing photodynamic therapy: in vivo pharmacokinetics of liposomal meta-(tetrahydroxyphenyl)chlorin in feline squamous cell carcinoma. *Clinical Cancer Research*, **2005**, 11, 7538-44	12.9	86
5	Irradiation of brain tumors in dogs with neurologic disease. *Journal of Veterinary Internal Medicine*, **2005**, 19, 849-54	3.1	23
4	Combining magnetic and optical tracking for computer aided therapy. *Zeitschrift Fur Medizinische Physik*, **2004**, 14, 189-94	7.6	6
3	Comparison of perioperative racemic methadone, levo-methadone and dextromoramide in cats using indicators of post-operative pain. *Veterinary Anaesthesia and Analgesia*, **2004**, 31, 175-82	1.3	36

2	Oxygenation of spontaneous canine tumors during fractionated radiation therapy. *Strahlentherapie Und Onkologie*, **2004**, 180, 297-305	4.3	21
1	Assessment of a radiotherapy patient immobilization device using single plane port radiographs and a remote computed tomography scanner. *Veterinary Radiology and Ultrasound*, **2003**, 44, 470-5	1.2	40