

# Michael W Nolan

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

490  
citations

840119

11  
h-index

752256

20  
g-index

47  
all docs

47  
docs citations

47  
times ranked

513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensity-Modulated and Image-Guided Radiation Therapy for Treatment of Genitourinary Carcinomas in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 987-995.	0.6	71
2	Stereotactic radiation therapy for treatment of canine intracranial meningiomas. <i>Veterinary and Comparative Oncology</i> , 2016, 14, e158-e170.	0.8	47
3	Linac-based stereotactic radiation therapy for canine non-lymphomatous nasal tumours: 29 cases (2013-2016). <i>Veterinary and Comparative Oncology</i> , 2018, 16, E68-E75.	0.8	42
4	Pudendal Nerve and Internal Pudendal Artery Damage May Contribute to Radiation-Induced Erectile Dysfunction. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 796-806.	0.4	38
5	Clinical and imaging findings, treatments, and outcomes in 27 dogs with imaging diagnosed trigeminal nerve sheath tumors: A multi-center study. <i>Veterinary Radiology and Ultrasound</i> , 2017, 58, 679-689.	0.4	24
6	Stereotactic body radiation therapy for heart-base tumors in six dogs. <i>Journal of Veterinary Cardiology</i> , 2018, 20, 186-197.	0.3	20
7	Outcomes of Spatially Fractionated Radiotherapy (GRID) for Bulky Soft Tissue Sarcomas in a Large Animal Model. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 357-365.	0.8	17
8	Emerging Translational Opportunities in Comparative Oncology With Companion Canine Cancers: Radiation Oncology. <i>Frontiers in Oncology</i> , 2019, 9, 1291.	1.3	17
9	Single fraction stereotactic radiation therapy (stereotactic radiosurgery) is a feasible method for treating intracranial meningiomas in dogs. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 632-638.	0.4	15
10	Nocifensive Behaviors in Mice with Radiation-Induced Oral Mucositis. <i>Radiation Research</i> , 2017, 187, 397.	0.7	14
11	The future of radiotherapy in small animals – should the fractions be coarse or fine?. <i>Journal of Small Animal Practice</i> , 2018, 59, 521-530.	0.5	13
12	Pilot study to determine the feasibility of radiation therapy for dogs with right atrial masses and hemorrhagic pericardial effusion. <i>Journal of Veterinary Cardiology</i> , 2017, 19, 132-143.	0.3	11
13	Update in Veterinary Radiation Oncology. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2019, 49, 933-947.	0.5	10
14	Impact of radiation dose and pre-treatment pain levels on survival in dogs undergoing radiotherapy with or without chemotherapy for presumed extremity osteosarcoma. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 538-547.	0.8	10
15	Risk of erectile dysfunction after modern radiotherapy for intact prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 128-134.	2.0	10
16	DOSIMETRIC CONSEQUENCES OF USING CONTRAST-ENHANCED COMPUTED TOMOGRAPHIC IMAGES FOR INTENSITY-MODULATED STEREOTACTIC BODY RADIOTHERAPY PLANNING. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 687-695.	0.4	9
17	Stereotactic radiation therapy for canine multilobular osteochondrosarcoma: Eight cases. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 76-83.	0.8	9
18	Treatment of genitourinary carcinoma in dogs using nonsteroidal anti-inflammatory drugs, mitoxantrone, and radiation therapy: A retrospective study. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 1052-1061.	0.6	8

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19	Minimally invasive ethyl cellulose ethanol ablation in domesticated cats with naturally occurring head and neck cancers: Six cats. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 492-500.	0.8	8
20	Endocrine response and outcome in 14 cats with insulin resistance and acromegaly treated with stereotactic radiosurgery (17 Gy). <i>American Journal of Veterinary Research</i> , 2022, 83, 64-71.	0.3	7
21	Use of PET/CT and Stereotactic Radiation Therapy for the Diagnosis and Treatment of Osteosarcoma Metastases. <i>Journal of the American Animal Hospital Association</i> , 2017, 53, 52-58.	0.5	6
22	Ga Ion-Enhanced and Particle Shape-Dependent Generation of Reactive Oxygen Species in X-ray-Irradiated Composites. <i>ACS Omega</i> , 2018, 3, 5252-5259.	1.6	6
23	A novel device to measure static hindlimb weight-bearing forces in pronograde rodents. <i>Journal of Neuroscience Methods</i> , 2019, 328, 108405.	1.3	6
24	Early radiation-induced oral pain signaling responses are reduced with pentoxifylline treatment. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 255-263.	0.4	6
25	ACCURACY OF CT AND MRI FOR CONTOURING THE FELINE OPTIC APPARATUS FOR RADIATION THERAPY PLANNING. <i>Veterinary Radiology and Ultrasound</i> , 2013, 54, 560-566.	0.4	5
26	Interfaces with Tunable Mechanical and Radiosensitizing Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21956-21961.	4.0	5
27	Treatment outcomes and target delineation utilizing <sc>CT</sc> and <sc>MRI</sc> in 13 dogs treated with a uniform stereotactic radiation therapy protocol (16% Gy single fraction) for pituitary masses: (2014-2017). <i>Veterinary and Comparative Oncology</i> , 2021, 19, 17-24.	0.8	5
28	Management of transitional cell carcinoma of the urinary bladder in dogs: Important challenges to consider. <i>Veterinary Journal</i> , 2015, 205, 126-127.	0.6	4
29	Misadministration of radiation therapy in veterinary medicine: a case report and literature review. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 237-246.	0.8	4
30	Implementation of total body photon irradiation as part of an institutional bone marrow transplant program for the treatment of canine lymphoma and leukemias. <i>Veterinary Radiology and Ultrasound</i> , 2019, 60, 586-593.	0.4	4
31	Teaching Tip: Virtual Oncology Clinic. <i>Journal of Veterinary Medical Education</i> , 2019, 46, 367-371.	0.4	4
32	Pet Dogs with Subclinical Acute Radiodermatitis Experience Widespread Somatosensory Sensitization. <i>Radiation Research</i> , 2019, 193, 241.	0.7	4
33	Retrospective evaluation of intranasal carcinomas in cats treated with external-beam radiotherapy: 42 cases. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 1018-1030.	0.6	4
34	A retrospective study of 101 dogs with oral melanoma treated with a weekly or biweekly 6 Gy -6 radiotherapy protocol. <i>Veterinary and Comparative Oncology</i> , 2022, . .	0.8	4
35	RETROSPECTIVE EVALUATION OF INTERFRACTION URETERAL MOVEMENT IN DOGS UNDERGOING RADIATION THERAPY TO ELUCIDATE APPROPRIATE SETUP MARGINS. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 170-179.	0.4	3
36	Changes in target volume during irradiation of canine intranasal tumors can significantly impact radiation dosimetry. <i>Veterinary Radiology and Ultrasound</i> , 2019, 60, 594-604.	0.4	3

#	ARTICLE	IF	CITATIONS
37	Re-irradiation of canine non-lymphomatous nasal tumours using stereotactic radiation therapy (10 Gy x 3). <i>Journal of Veterinary Internal Medicine</i> , 2022, 47, 107-114.	0.8	3
38	Gallium containing composites as a tunable material to understand neuronal behavior under variable stiffness and radiation conditions. <i>Materials Science and Engineering C</i> , 2017, 71, 317-321.	3.8	2
39	Cherenkov emissions for studying tumor changes during radiation therapy: An exploratory study in domesticated dogs with naturally-occurring cancer. <i>PLoS ONE</i> , 2020, 15, e0238106.	1.1	2
40	Feasibility study evaluating arrhythmogenesis and cardiac damage after heart base irradiation in mice: A brief communication. <i>Veterinary Medicine and Small Animal Clinical Clinician</i> , 2020, 6, 1009-1016.	0.6	2
41	The impact of carboplatin and toceranib phosphate on serum vascular endothelial growth factor (VEGF) and metalloproteinase-9 (MMP-9) levels and survival in canine osteosarcoma. <i>Canadian Journal of Veterinary Research</i> , 2017, 81, 199-205.	0.2	2
42	Radiotherapy isocenters verified by matching to bony landmarks of the canine and feline head differ when localized using volumetric versus planar imaging. <i>Veterinary and Comparative Oncology</i> , 2019, 17, 562-569.	0.8	1
43	Behavioral phenotyping of cancer pain in domesticated cats with naturally occurring squamous cell carcinoma of the tongue: initial validation studies provide evidence for regional and widespread algoplacticity. <i>PeerJ</i> , 2021, 9, e11984.	0.9	1
44	Unexpected but transient tumour enlargement preceded complete regression and long-term control after irradiation of squamous cell carcinoma in a red-eared slider ( <i>Trachemys scripta elegans</i> ). <i>Veterinary Record Case Reports</i> , 2020, 8, e001039.	0.1	1
45	Treatment of feline gastrointestinal intermediate- or large-cell lymphoma with lomustine chemotherapy and 8 Gy abdominal cavity radiation therapy. <i>Journal of Feline Medicine and Surgery</i> , 2021, 23, 469-476.	0.6	1
46	Intensity of perioperative analgesia but not pre-treatment pain is predictive of survival in dogs undergoing amputation plus chemotherapy for extremity osteosarcoma. <i>Veterinary and Comparative Oncology</i> , 2022, , .	0.8	1
47	Stereotactic radiotherapy (10 Gy X 3) for canine nonlymphomatous intranasal tumors is associated with prolonged survival and minimal risk of severe radiotoxicity. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, 1496-1506.	0.2	1