

Carla Rohrer Bley

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

1,728
citations

279487

23
h-index

344852

36
g-index

108
all docs

108
docs citations

108
times ranked

1529
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Canine mast cell tumours: a review of the pathogenesis, clinical features, pathology and treatment. <i>Veterinary Dermatology</i> , 2008, 19, 321-339. | 0.4 | 155 |
| 2 | Optimizing Photodynamic Therapy: In vivo Pharmacokinetics of Liposomal meta-(Tetrahydroxyphenyl)Chlorin in Feline Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2005, 11, 7538-7544. | 3.2 | 90 |
| 3 | Irradiation of Brain Tumors in Dogs with Neurologic Disease. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 849-854. | 0.6 | 83 |
| 4 | 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. | 0.8 | 67 |
| 5 | A retrospective analysis of radiation therapy for the treatment of feline vaccine-associated sarcoma*. <i>Veterinary and Comparative Oncology</i> , 2009, 7, 54-68. | 0.8 | 58 |
| 6 | 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. | 0.6 | 48 |
| 7 | 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, 470-475. | 0.4 | 46 |
| 8 | 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. | 0.8 | 46 |
| 9 | Dose- and Volume-Limiting Late Toxicity of FLASH Radiotherapy in Cats with Squamous Cell Carcinoma of the Nasal Planum and in Mini Pigs. <i>Clinical Cancer Research</i> , 2022, 28, 3814-3823. | 3.2 | 42 |
| 10 | Irradiation of brain tumors in dogs with neurologic disease. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 849-54. | 0.6 | 41 |
| 11 | 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, 175-182. | 0.3 | 39 |
| 12 | 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. | 0.4 | 38 |
| 13 | 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. | 0.6 | 37 |
| 14 | 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. | 0.8 | 37 |
| 15 | Possible Human-Avian Transmission of Mycobacterium tuberculosis in a Green-Winged Macaw (Ara Tj ETQq1 1 0.784314 1.00 BT /Over | 0.4 | 36 |
| 16 | 3D CONFORMAL RADIATION THERAPY FOR PALLIATIVE TREATMENT OF CANINE NASAL TUMORS. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 679-683. | 0.4 | 35 |
| 17 | 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. | 0.8 | 34 |
| 18 | Clinical assessment of repeated propofol-associated anesthesia in cats. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 1347-1353. | 0.2 | 33 |

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|----|---|-----|-----------|
| 19 | MEASUREMENT OF TUMOR HYPOXIA IN SPONTANEOUS CANINE SARCOMAS. <i>Veterinary Radiology and Ultrasound</i> , 2005, 46, 348-354. | 0.4 | 30 |
| 20 | Breed-associated risks for developing canine lymphoma differ among countries: an European canine lymphoma network study. <i>BMC Veterinary Research</i> , 2018, 14, 232. | 0.7 | 29 |
| 21 | 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. | 0.4 | 26 |
| 22 | HYPOFRACTIONATED RADIOTHERAPY FOR MACROSCOPIC CANINE SOFT TISSUE SARCOMA: A RETROSPECTIVE STUDY OF 50 CASES TREATED WITH A 5 Å– 6 GY PROTOCOL WITH OR WITHOUT METRONOMIC CHEMOTHERAPY. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 75-83. | 0.4 | 25 |
| 23 | 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. | 0.8 | 25 |
| 24 | Mutations of BRCA2 in canine mammary tumors and their targeting potential in clinical therapy. <i>BMC Veterinary Research</i> , 2020, 16, 30. | 0.7 | 24 |
| 25 | Oxygenation of Spontaneous Canine Tumors During Fractionated Radiation Therapy*. <i>Strahlentherapie Und Onkologie</i> , 2004, 180, 297-305. | 1.0 | 23 |
| 26 | 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. | 0.6 | 21 |
| 27 | 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. | 0.8 | 21 |
| 28 | DNA damage response and DNA repair “ dog as a model?. <i>BMC Cancer</i> , 2014, 14, 203. | 1.1 | 19 |
| 29 | 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. | 0.6 | 19 |
| 30 | Efficacy of radiation therapy for the treatment of macroscopic canine oral soft tissue sarcoma. <i>In Vivo</i> , 2006, 20, 415-9. | 0.6 | 19 |
| 31 | Microtubule stabilising agents and ionising radiation: Multiple exploitable mechanisms for combined treatment. <i>European Journal of Cancer</i> , 2013, 49, 245-253. | 1.3 | 18 |
| 32 | Role of the Microenvironment for Radiosensitization by Patupilone. <i>Clinical Cancer Research</i> , 2009, 15, 1335-1342. | 3.2 | 15 |
| 33 | Cross-Reactivity and Functionality of Approved Human Immune Checkpoint Blockers in Dogs. <i>Cancers</i> , 2021, 13, 785. | 1.7 | 15 |
| 34 | 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. | 0.6 | 15 |
| 35 | Multiple myeloma in a dog with multiple concurrent infectious diseases and persistent polyclonal gammopathy. <i>Veterinary Clinical Pathology</i> , 2013, 42, 47-54. | 0.3 | 14 |
| 36 | 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. | 0.7 | 14 |

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|----|---|-----|-----------|
| 37 | 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. | 0.8 | 14 |
| 38 | Influence of Pretreatment Polarographically Measured Oxygenation Levels in Spontaneous Canine Tumors Treated with Radiation Therapy. <i>Strahlentherapie Und Onkologie</i> , 2006, 182, 518-524. | 1.0 | 13 |
| 39 | Dynamics of Tumor Hypoxia in Response to Patupilone and Ionizing Radiation. <i>PLoS ONE</i> , 2012, 7, e51476. | 1.1 | 13 |
| 40 | 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. | 0.8 | 13 |
| 41 | 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. | 0.6 | 12 |
| 42 | 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, 1176. | 1.8 | 12 |
| 43 | Cell line-specific efficacy of thermoradiotherapy in human and canine cancer cells in vitro. <i>PLoS ONE</i> , 2019, 14, e0216744. | 1.1 | 12 |
| 44 | Radiation therapy for intracranial tumours in cats with neurological signs. <i>Journal of Feline Medicine and Surgery</i> , 2019, 21, 765-771. | 0.6 | 12 |
| 45 | 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*. <i>Veterinary and Comparative Oncology</i> , 2005, 3, 211-221. | 0.8 | 11 |
| 46 | Unusual presentation of alveolar echinococcosis as prostatic and paraprostatic cysts in a dog. <i>BMC Veterinary Research</i> , 2013, 9, 159. | 0.7 | 11 |
| 47 | 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. | 0.8 | 11 |
| 48 | 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. | 0.8 | 11 |
| 49 | Regulation of VEGF-expression by patupilone and ionizing radiation in lung adenocarcinoma cells. <i>Lung Cancer</i> , 2011, 73, 294-301. | 0.9 | 10 |
| 50 | Expression of prolactin receptors in normal canine mammary tissue, canine mammary adenomas and mammary adenocarcinomas. <i>BMC Veterinary Research</i> , 2012, 8, 72. | 0.7 | 10 |
| 51 | Metastasized Leydig cell tumor in a dog. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2015, 157, 111-115. | 0.2 | 10 |
| 52 | Hypoxia-Related Marker GLUT-1, CAIX, Proliferative Index and Microvessel Density in Canine Oral Malignant Neoplasia. <i>PLoS ONE</i> , 2016, 11, e0149993. | 1.1 | 9 |
| 53 | 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. | 0.8 | 9 |
| 54 | 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. | 0.6 | 9 |

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|----|---|-----|-----------|
| 55 | 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> , 2022, 20, 29-37. | 0.8 | 9 |
| 56 | 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. | 0.5 | 8 |
| 57 | 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. | 0.6 | 8 |
| 58 | Principles for ethical treatment decision-making in veterinary oncology. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 171-177. | 0.8 | 8 |
| 59 | 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. | 0.9 | 8 |
| 60 | 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. | 0.8 | 8 |
| 61 | 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. | 0.8 | 8 |
| 62 | 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. | 0.4 | 8 |
| 63 | Combining magnetic and optical tracking for computer aided therapy. <i>Zeitschrift Fur Medizinische Physik</i> , 2004, 14, 189-194. | 0.6 | 7 |
| 64 | 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, 756-762. | 1.0 | 7 |
| 65 | 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. | 0.6 | 7 |
| 66 | 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. | 1.6 | 6 |
| 67 | 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, 107-108. | 0.4 | 5 |
| 68 | 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. | 0.8 | 5 |
| 69 | Ocular and periocular radiation toxicity in dogs treated for sinonasal tumors: A critical review. <i>Veterinary Ophthalmology</i> , 2020, 23, 596-610. | 0.6 | 5 |
| 70 | Methadone does not potentiate the effect of doxorubicin in canine tumour cell lines. <i>Veterinary Medicine and Science</i> , 2020, 6, 283-289. | 0.6 | 5 |
| 71 | Differences in the Response to DNA Double-Strand Breaks between Rod Photoreceptors of Rodents, Pigs, and Humans. <i>Cells</i> , 2020, 9, 947. | 1.8 | 5 |
| 72 | Temozolomide is additive with cytotoxic effect of irradiation in canine glioma cell lines. <i>Veterinary Medicine and Science</i> , 2021, 7, 2124-2134. | 0.6 | 5 |

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|----|--|-----|-----------|
| 73 | Interrelation of directly measured oxygenation levels, erythropoietin and erythropoietin receptor expression in spontaneous canine tumours. <i>European Journal of Cancer</i> , 2007, 43, 963-967. | 1.3 | 4 |
| 74 | Clinical Challenge. <i>Journal of Zoo and Wildlife Medicine</i> , 2009, 40, 398-401. | 0.3 | 4 |
| 75 | 7Hsp70 serum levels in pet dogsâ€”a potential diagnostic biomarker for spontaneous round cell tumors. <i>Cell Stress and Chaperones</i> , 2019, 24, 969-978. | 1.2 | 4 |
| 76 | Retrospective assessment of radiation toxicity from a definitiveâ€”intent, moderately hypofractionated imageâ€”guided intensityâ€”modulated protocol for anal sac adenocarcinoma in dogs. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 8-19. | 0.8 | 4 |
| 77 | 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. | 0.4 | 4 |
| 78 | 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, 564-570. | 0.6 | 3 |
| 79 | Use of Etoposide (Etoposide) in Refractory Lymphoma and Advanced Solid Tumors in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2013, 27, 120-125. | 0.6 | 3 |
| 80 | An Openâ€”label Phase 1 Doseâ€”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, 620-625. | 0.6 | 3 |
| 81 | Using biologically based objectives to optimize boost intensityâ€”modulated radiation therapy planning for brainstem tumors in dogs. <i>Veterinary Radiology and Ultrasound</i> , 2020, 61, 77-84. | 0.4 | 3 |
| 82 | Definitiveâ€”intent radiotherapy for sinonasal carcinoma in cats: A multicenter retrospective assessment. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 626-633. | 0.8 | 3 |
| 83 | Estimation of planning organ at risk volumes for ocular structures in dogs undergoing threeâ€”dimensional imageâ€”guided periocular radiotherapy with rigid bite block immobilization. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 246-254. | 0.4 | 3 |
| 84 | Doseâ€”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, , . | 0.4 | 3 |
| 85 | Treatment of intracranial neoplasia in dogs using higher doses: A randomized controlled trial comparing a boosted to a conventional radiation protocol. <i>Journal of Veterinary Internal Medicine</i> , 2022, 36, 1353-1364. | 0.6 | 3 |
| 86 | Prolactin â€” to be reconsidered in canine mammary tumourigenesis?. <i>Veterinary and Comparative Oncology</i> , 2014, 12, 93-105. | 0.8 | 2 |
| 87 | 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, 1-11. | 0.7 | 2 |
| 88 | Reducing margins for abdominopelvic tumours in dogs: Impact on doseâ€”coverage and normal tissue complication probability. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 266-274. | 0.8 | 2 |
| 89 | Radiation therapy for the treatment of canine progressive cutaneous angiomatosis: Description of 2 cases. <i>Canadian Veterinary Journal</i> , 2018, 59, 1067-1070. | 0.0 | 2 |
| 90 | Role of the Microenvironment and Tumor Hypoxia for Radiosensitization by Etoposide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, S94-S95. | 0.4 | 1 |

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|----|---|-----|-----------|
| 91 | Massive haematoma formation associated with proximal popliteal artery haemangioendothelioma in a dog. <i>Journal of Small Animal Practice</i> , 2011, 52, 612-615. | 0.5 | 1 |
| 92 | Safety, tolerability and pharmacokinetic properties of the novel triazene <i>TriN</i> 2755 in tumour bearing dogs – A phase I study. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 94-104. | 0.8 | 1 |
| 93 | 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. | 0.4 | 1 |
| 94 | Diagnosis and radiation therapy of an extensive myxoma in the retropharyngeal region infiltrating the cranial cervical vertebral canal in a dog. <i>Veterinary Radiology and Ultrasound</i> , 2022, , . | 0.4 | 1 |
| 95 | 207 Time dependent activation of the jnk pathway by ionising radiation is associated with different radiosensitivities in canine tumor cell lines. <i>Radiotherapy and Oncology</i> , 2006, 78, S72. | 0.3 | 0 |
| 96 | EP-2103: Margin assessment for feline and canine radiotherapy using a custom cranial immobilisation device. <i>Radiotherapy and Oncology</i> , 2016, 119, S989. | 0.3 | 0 |
| 97 | Cover Image, Volume 16, Issue 2. <i>Veterinary and Comparative Oncology</i> , 2018, 16, i-i. | 0.8 | 0 |
| 98 | Can volumetric modulated arc radiation therapy reduce organ at risk dose in stage 4 sinonasal tumors in dogs treated with boost irradiation?. <i>PLoS ONE</i> , 2021, 16, e0259112. | 1.1 | 0 |
| 99 | Relative tumor volume has prognostic relevance in canine sinonasal tumors treated with radiation therapy: A retrospective study. <i>PLoS ONE</i> , 2022, 17, e0269083. | 1.1 | 0 |