

# Amanda Elena Schwint

## List of Publications by Year in descending order

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48  
papers

916  
citations

394421

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501196

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docs citations

49  
times ranked

488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic efficacy of boron neutron capture therapy mediated by boron-rich liposomes for oral cancer in the hamster cheek pouch model. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16077-16081.	7.1	71
2	Therapeutic Success of Boron Neutron Capture Therapy (BNCT) Mediated by a Chemically Non-selective Boron Agent in an Experimental Model of Oral Cancer: A New Paradigm in BNCT Radiobiology. Radiation Research, 2006, 166, 387-396.	1.5	57
3	Sequential Boron Neutron Capture Therapy (BNCT): A Novel Approach to BNCT for the Treatment of Oral Cancer in the Hamster Cheek Pouch Model. Radiation Research, 2011, 175, 463-472.	1.5	40
4	Homogeneous boron targeting of heterogeneous tumors for boron neutron capture therapy (BNCT): Chemical analyses in the hamster cheek pouch oral cancer model. Archives of Oral Biology, 2006, 51, 922-929.	1.8	36
5	Biodistribution of GB-10 ( ) compound for boron neutron capture therapy (BNCT) in an experimental model of oral cancer in the hamster cheek pouch. Archives of Oral Biology, 2004, 49, 313-324.	1.8	35
6	Boron delivery with liposomes for boron neutron capture therapy (BNCT): biodistribution studies in an experimental model of oral cancer demonstrating therapeutic potential. Radiation and Environmental Biophysics, 2012, 51, 195-204.	1.4	35
7	Nucleolar organizer regions in lining epithelium adjacent to squamous cell carcinoma of human oral mucosa. Cancer, 1994, 73, 2674-2679.	4.1	33
8	Biodistribution of a carborane-containing porphyrin as a targeting agent for Boron Neutron Capture Therapy of oral cancer in the hamster cheek pouch. Archives of Oral Biology, 2003, 48, 223-232.	1.8	33
9	Boron neutron capture therapy (BNCT) for the treatment of liver metastases: biodistribution studies of boron compounds in an experimental model. Radiation and Environmental Biophysics, 2011, 50, 199-207.	1.4	32
10	Boron neutron capture therapy (BNCT) for liver metastasis: therapeutic efficacy in an experimental model. Radiation and Environmental Biophysics, 2012, 51, 331-339.	1.4	31
11	Radiobiology of BNCT mediated by GB-10 and GB-10+BPA in experimental oral cancer. Applied Radiation and Isotopes, 2004, 61, 939-945.	1.5	30
12	Tumor Blood Vessel Normalization Improves the Therapeutic Efficacy of Boron Neutron Capture Therapy (BNCT) in Experimental Oral Cancer. Radiation Research, 2012, 177, 59-68.	1.5	29
13	The hamster cheek pouch model for field cancerization studies. Periodontology 2000, 2015, 67, 292-311.	13.4	29
14	BNCT of 3 cases of spontaneous head and neck cancer in feline patients. Applied Radiation and Isotopes, 2004, 61, 947-952.	1.5	24
15	Therapeutic effect of boron neutron capture therapy (BNCT) on field cancerized tissue: Inhibition of DNA synthesis and lag in the development of second primary tumors in precancerous tissue around treated tumors in DMBA-induced carcinogenesis in the hamster cheek pouch oral cancer model. Archives of Oral Biology, 2007, 52, 273-279.	1.8	22
16	Effect of Boron Neutron Capture Therapy (BNCT) on normal liver regeneration: Towards a novel therapy for liver metastases. International Journal of Radiation Biology, 2007, 83, 699-706.	1.8	21
17	Development of a model of tissue with potentially malignant disorders (PMD) in the hamster cheek pouch to explore the long-term potential therapeutic and/or toxic effects of different therapeutic modalities. Archives of Oral Biology, 2010, 55, 46-51.	1.8	21
18	Boron neutron capture therapy (BNCT) for the treatment of spontaneous nasal planum squamous cell carcinoma in felines. Radiation and Environmental Biophysics, 2008, 47, 147-155.	1.4	20

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19	Neutron autoradiography to study boron compound microdistribution in an oral cancer model. <i>International Journal of Radiation Biology</i> , 2015, 91, 329-335.	1.8	20
20	Abscopal effect of boron neutron capture therapy (BNCT): proof of principle in an experimental model of colon cancer. <i>Radiation and Environmental Biophysics</i> , 2017, 56, 365-375.	1.4	20
21	Biodistribution of sodium borocaptate (BSH) for boron neutron capture therapy (BNCT) in an oral cancer model. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 351-361.	1.4	19
22	Nucleolar organizer regions in lining epithelium adjacent to squamous cell carcinoma of human oral mucosa. <i>Cancer</i> , 1994, 74, 3245-3247.	4.1	18
23	“Close-to-ideal” tumor boron targeting for boron neutron capture therapy is possible with “less-than-ideal” boron carriers approved for use in humans. <i>Therapeutic Delivery</i> , 2015, 6, 269-272.	2.2	18
24	Assessing advantages of sequential boron neutron capture therapy (BNCT) in an oral cancer model with normalized blood vessels. <i>Acta Oncologica</i> , 2015, 54, 99-106.	1.8	18
25	Translational boron neutron capture therapy (BNCT) studies for the treatment of tumors in lung. <i>International Journal of Radiation Biology</i> , 2019, 95, 646-654.	1.8	18
26	Potential role of mast cells in hamster cheek pouch carcinogenesis. <i>Oral Oncology</i> , 2008, 44, 1080-1087.	1.5	17
27	Electroporation optimizes the uptake of boron-10 by tumor for boron neutron capture therapy (BNCT) mediated by GB-10: a boron biodistribution study in the hamster cheek pouch oral cancer model. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 455-467.	1.4	17
28	Boron Neutron Capture Therapy (BNCT) in an oral precancer model: Therapeutic benefits and potential toxicity of a double application of BNCT with a six-week interval. <i>Oral Oncology</i> , 2011, 47, 1017-1022.	1.5	16
29	Clinical Veterinary Boron Neutron Capture Therapy (BNCT) Studies in Dogs with Head and Neck Cancer: Bridging the Gap between Translational and Clinical Studies. <i>Biology</i> , 2020, 9, 327.	2.8	14
30	Boron neutron capture therapy (BNCT) for liver metastasis in an experimental model: dose-response at five-week follow-up based on retrospective dose assessment in individual rats. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 481-491.	1.4	13
31	Evaluation of local, regional and abscopal effects of Boron Neutron Capture Therapy (BNCT) combined with immunotherapy in an ectopic colon cancer model. <i>British Journal of Radiology</i> , 2021, 94, 20210593.	2.2	12
32	Insight into the mechanisms underlying tumor response to boron neutron capture therapy in the hamster cheek pouch oral cancer model. <i>Journal of Oral Pathology and Medicine</i> , 2009, 38, 448-454.	2.7	11
33	Blood vessel normalization in the hamster oral cancer model for experimental cancer therapy studies. <i>Anticancer Research</i> , 2012, 32, 2703-9.	1.1	11
34	Early effect of boron neutron capture therapy mediated by boronophenylalanine (BPA) on mast cells in premalignant tissue and tumors of the hamster cheek pouch. <i>Oral Oncology</i> , 2010, 46, 355-359.	1.5	9
35	Boron neutron capture therapy (BNCT) translational studies in the hamster cheek pouch model of oral cancer at the new “B2”-configuration of the RA-6 nuclear reactor. <i>Radiation and Environmental Biophysics</i> , 2017, 56, 377-387.	1.4	8
36	Boron Neutron Capture Therapy: Application of Radiobiological Principles. , 2012, , 329-358.		7

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37	Teachings of our translational studies on boron neutron capture therapy (BNCT): thinking "outside the box". Therapeutic Radiology and Oncology, 0, 3, 20-20.	0.2	7
38	Nucleolar Organizer Regions in Parosteal and Central Osteosarcomas. Clinical Orthopaedics and Related Research, 1996, 327, 253-258.	1.5	6
39	Boron biodistribution for BNCT in the hamster cheek pouch oral cancer model: Combined administration of BSH and BPA. Applied Radiation and Isotopes, 2014, 88, 64-68.	1.5	6
40	Boron neutron capture synovectomy (BNCS) as a potential therapy for rheumatoid arthritis: boron biodistribution study in a model of antigen-induced arthritis in rabbits. Radiation and Environmental Biophysics, 2014, 53, 635-643.	1.4	6
41	Angiogenesis in potentially malignant lesions and carcinomas during experimental oral carcinogenesis: a preliminary study in the hamster cheek pouch. Anticancer Research, 2014, 34, 6381-8.	1.1	6
42	Boron neutron capture synovectomy (BNCS) as a potential therapy for rheumatoid arthritis: radiobiological studies at RA-1 Nuclear Reactor in a model of antigen-induced arthritis in rabbits. Radiation and Environmental Biophysics, 2016, 55, 467-475.	1.4	5
43	Optimization of the classical oral cancerization protocol in hamster to study oral cancer therapy. Oral Diseases, 2020, 26, 1175-1184.	3.0	5
44	Different oral cancer scenarios to personalize targeted therapy: Boron Neutron Capture Therapy translational studies. Therapeutic Delivery, 2019, 10, 353-362.	2.2	4
45	AgNORs as an Early Marker of Sensitivity to Radiotherapy in Gynecologic Cancer. Acta Cytologica, 2002, 46, 311-316.	1.3	3
46	Dynamic infrared imaging for biological and medical applications in Boron neutron capture therapy. , 2011, , .		1
47	Nucleolar organizer regions in human oral verrucous carcinoma and adjacent lining epithelium. Biotechnic and Histochemistry, 2020, 95, 555-560.	1.3	1
48	Nucleolar organizer regions in lining epithelium adjacent to squamous cell carcinoma of human oral mucosa. Cancer, 1994, 74, 3071-3072.	4.1	0