

Brad Bolon

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

3,186
citations

331538

21
h-index

155592

55
g-index

80
all docs

80
docs citations

80
times ranked

3611
citing authors

#	ARTICLE	IF	CITATIONS
1	Function of PI3K in Thymocyte Development, T Cell Activation, and Neutrophil Migration. <i>Science</i> , 2000, 287, 1040-1046.	6.0	1,003
2	Deletion of Pten in mouse brain causes seizures, ataxia and defects in soma size resembling Lhermitte-Duclos disease. <i>Nature Genetics</i> , 2001, 29, 396-403.	9.4	451
3	STP Position Paper. <i>Toxicologic Pathology</i> , 2013, 41, 1028-1048.	0.9	146
4	Proliferative and Nonproliferative Lesions of the Rat and Mouse Central and Peripheral Nervous Systems. <i>Toxicologic Pathology</i> , 2012, 40, 87S-157S.	0.9	118
5	Scientific and Regulatory Policy Committee. <i>Toxicologic Pathology</i> , 2016, 44, 147-162.	0.9	100
6	Adenoviral Delivery of Osteoprotegerin Ameliorates Bone Resorption in a Mouse Ovariectomy Model of Osteoporosis. <i>Molecular Therapy</i> , 2001, 3, 197-205.	3.7	93
7	Rodent Preclinical Models for Developing Novel Antiarthritic Molecules: Comparative Biology and Preferred Methods for Evaluating Efficacy. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-21.	3.0	92
8	Recommendations for Pathology Peer Review. <i>Toxicologic Pathology</i> , 2010, 38, 1118-1127.	0.9	81
9	Feasibility and Safety of Systemic rAAV9-h <i>h</i> AGLU Delivery for Treating Mucopolysaccharidosis IIIB: Toxicology, Biodistribution, and Immunological Assessments in Primates. <i>Human Gene Therapy Clinical Development</i> , 2014, 25, 72-84.	3.2	79
10	A "Best Practices" Approach to Neuropathologic Assessment in Developmental Neurotoxicity Testing for Today. <i>Toxicologic Pathology</i> , 2006, 34, 296-313.	0.9	77
11	Methanol-induced neural tube defects in mice: Pathogenesis during neurulation. <i>Teratology</i> , 1994, 49, 497-517.	1.7	55
12	Engineering a 3D functional human peripheral nerve in vitro using the Nerve-on-a-Chip platform. <i>Scientific Reports</i> , 2019, 9, 8921.	1.6	52
13	STP Position Paper: Recommended Best Practices for Sampling, Processing, and Analysis of the Peripheral Nervous System (Nerves and Somatic and Autonomic Ganglia) during Nonclinical Toxicity Studies. <i>Toxicologic Pathology</i> , 2018, 46, 372-402.	0.9	50
14	Recommended Methods for Brain Processing and Quantitative Analysis in Rodent Developmental Neurotoxicity Studies. <i>Toxicologic Pathology</i> , 2016, 44, 14-42.	0.9	40
15	The Candidate Neuroprotective Agent Artemin Induces Autonomic Neural Dysplasia without Preventing Peripheral Nerve Dysfunction. <i>Toxicologic Pathology</i> , 2004, 32, 275-294.	0.9	38
16	Comparative and Correlative Neuroanatomy for the Toxicologic Pathologist. <i>Toxicologic Pathology</i> , 2000, 28, 6-27.	0.9	32
17	Histology Atlas of the Developing Mouse Placenta. <i>Toxicologic Pathology</i> , 2022, 50, 60-117.	0.9	31
18	International Recommendations for Training Future Toxicologic Pathologists Participating in Regulatory-type, Nonclinical Toxicity Studies. <i>Toxicologic Pathology</i> , 2010, 38, 984-992.	0.9	30

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19	Inhibition of COXâ€² Pathway as a Potential Prophylaxis Against Arthrofibrogenesis in a Rabbit Model of Joint Contracture. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2609-2620.	1.2	29
20	Compilation of International Regulatory Guidance Documents for Neuropathology Assessment During Nonclinical General Toxicity and Specialized Neurotoxicity Studies. <i>Toxicologic Pathology</i> , 2011, 39, 92-96.	0.9	25
21	Comparative Pathology of the Peripheral Nervous System. <i>Veterinary Pathology</i> , 2021, 58, 10-33.	0.8	25
22	Effect of cell seeding on neotissue formation in a tissue engineered trachea. <i>Journal of Pediatric Surgery</i> , 2016, 51, 49-55.	0.8	24
23	The translation inhibitor silvestrol exhibits direct anti-tumor activity while preserving innate and adaptive immunity against EBV-driven lymphoproliferative disease. <i>Oncotarget</i> , 2015, 6, 2693-2708.	0.8	23
24	An Image Analysis Solution For Quantification and Determination of Immunohistochemistry Staining Reproducibility. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 428-436.	0.6	22
25	Atlas of Normal Microanatomy, Procedural and Processing Artifacts, Common Background Findings, and Neurotoxic Lesions in the Peripheral Nervous System of Laboratory Animals. <i>Toxicologic Pathology</i> , 2020, 48, 105-131.	0.9	21
26	A chimeric humanâ€“mouse model of SjÃ¶rgren's syndrome. <i>Clinical Immunology</i> , 2015, 156, 1-8.	1.4	20
27	Optical density-based image analysis method for the evaluation of hematoxylin and eosin staining precision. <i>Journal of Histotechnology</i> , 2020, 43, 29-37.	0.2	20
28	A GLP-Compliant Toxicology and Biodistribution Study: Systemic Delivery of an rAAV9 Vector for the Treatment of Mucopolysaccharidosis IIIB. <i>Human Gene Therapy Clinical Development</i> , 2015, 26, 228-242.	3.2	19
29	Proliferative and Nonproliferative Lesions of the Rat and Mouse Central and Peripheral Nervous Systems: New and Revised INHAND Terms. <i>Toxicologic Pathology</i> , 2020, 48, 827-844.	0.9	18
30	Continuing Education Course #3. <i>Toxicologic Pathology</i> , 2011, 39, 289-293.	0.9	17
31	Impact of Preanalytical Factors During Histology Processing on Section Suitability for Digital Image Analysis. <i>Toxicologic Pathology</i> , 2021, 49, 755-772.	0.9	16
32	An Isolated Limb Infusion Method Allows for Broad Distribution of rAAVrh74.MCK.GALGT2 to Leg Skeletal Muscles in the Rhesus Macaque. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 10, 89-104.	1.8	14
33	Reduction of arthrofibrosis utilizing a collagen membrane drugâ€“eluting scaffold with celecoxib and subcutaneous injections with ketotifen. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2474-2483.	1.2	14
34	Toxicologic Pathology of the Peripheral Nervous System (PNS): Overview, Challenges, and Current Practices. <i>Toxicologic Pathology</i> , 2018, 46, 1028-1036.	0.9	13
35	Regulatory Forum Opinion Piece*: Effective Brain Trimming for Regulatory-type Nonclinical Toxicity Studies. <i>Toxicologic Pathology</i> , 2018, 46, 115-120.	0.9	12
36	Comparative Analysis of Chemotherapy-Induced Peripheral Neuropathy in Bioengineered Sensory Nerve Tissue Distinguishes Mechanistic Differences in Early-Stage Vincristine-, Cisplatin-, and Paclitaxel-Induced Nerve Damage. <i>Toxicological Sciences</i> , 2021, 180, 76-88.	1.4	12

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37	Scientific and Regulatory Policy Committee Points to Consider: Nonclinical Research and Development of In Vivo Gene Therapy Products, Emphasizing Adeno-Associated Virus Vectors. <i>Toxicologic Pathology</i> , 2022, 50, 118-146.	0.9	12
38	Global Recognition of Qualified Toxicologic Pathologists: Credential Review as a Potential Route for Recognizing the Proficiency of Pathologists Involved in Regulatory-type Nonclinical Studies. <i>Toxicologic Pathology</i> , 2009, 37, 553-561.	0.9	11
39	Role of Wild-type and Recombinant Human T-cell Leukemia Viruses in Lymphoproliferative Disease in Humanized NSG Mice. <i>Comparative Medicine</i> , 2018, 68, 4-14.	0.4	11
40	Regulatory Forum Opinion Piece*: Effective Sectioning of Spinal Cord during Regulatory-type Nonclinical Toxicity Studies. <i>Toxicologic Pathology</i> , 2017, 45, 580-583.	0.9	10
41	Biomechanical, histological, and molecular characterization of a new posttraumatic model of arthrofibrosis in rats. <i>Journal of Orthopaedic Research</i> , 2022, 40, 323-337.	1.2	10
42	Global Recognition of Qualified Toxicologic Pathologists: Where We Are Now and Where We Need to Go. <i>Toxicologic Pathology</i> , 2008, 36, 753-759.	0.9	9
43	Recommendations for harmonization of data collection and analysis of developmental neurotoxicity endpoints in regulatory guideline studies: Proceedings of workshops presented at Society of Toxicology and joint Teratology Society and Neurobehavioral Teratology Society meetings. <i>Neurotoxicology and Teratology</i> , 2017, 63, 24-45.	1.2	9
44	The Science and Art of Nerve Fiber Teasing for Myelinated Nerves: Methodology and Interpretation. <i>Toxicologic Pathology</i> , 2020, 48, 49-58.	0.9	9
45	STP Debate on the Desirability of an International Mechanism for Recognizing Qualified Toxicologic Pathologists. <i>Toxicologic Pathology</i> , 2009, 37, 992-996.	0.9	8
46	Pathology Analysis of the Placenta. , 2014, , 175-188.		8
47	Case Report: Canine Strain- and Study Condition-Dependent Formation of Renaut Bodies in Sciatic Nerves of Beagle Dogs. <i>Toxicologic Pathology</i> , 2020, 48, 244-252.	0.9	8
48	International Regulatory Guiding Documents and Best Practice Recommendations on Peripheral Nervous System (PNS) Histopathologic Evaluation in Good Laboratory Practice (GLP)-Compliant Animal Toxicity Studies. <i>Toxicologic Pathology</i> , 2020, 48, 78-86.	0.9	8
49	Nervous System Sampling for General Toxicity and Neurotoxicity Studies in Rabbits. <i>Toxicologic Pathology</i> , 2020, 48, 810-826.	0.9	8
50	The Exposome in Toxicologic Pathology. <i>Toxicologic Pathology</i> , 2020, 48, 718-720.	0.9	8
51	Nervous System Sampling for General Toxicity and Neurotoxicity Studies in the Laboratory Minipig With Emphasis on the Göttingen Minipig. <i>Toxicologic Pathology</i> , 2021, 49, 1140-1163.	0.9	8
52	Opinion on Current Use of Non-Blinded Versus Blinded Histopathologic Evaluation in Animal Toxicity Studies. <i>Toxicologic Pathology</i> , 2020, 48, 549-559.	0.9	7
53	Neuropathology Evaluation in Juvenile Toxicity Studies in Rodents: Comparison of Developmental Neurotoxicity Studies for Chemicals With Juvenile Animal Studies for Pediatric Pharmaceuticals. <i>Toxicologic Pathology</i> , 2021, 49, 1405-1415.	0.9	7
54	Extra-prostatic Transgene-associated Neoplastic Lesions in Transgenic Adenocarcinoma of the Mouse Prostate (TRAMP) Mice. <i>Toxicologic Pathology</i> , 2015, 43, 186-197.	0.9	6

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55	Methods Optimization for Routine Sciatic Nerve Processing in General Toxicity Studies. Toxicologic Pathology, 2020, 48, 19-29.	0.9	6
56	Spontaneous Axonal Dystrophy in the Brain and Spinal Cord in Naïve Beagle Dogs. Toxicologic Pathology, 2020, 48, 694-701.	0.9	6
57	Society of Toxicologic Pathology Neuropathology Interest Group Article: Neuropathologic Findings in Nonhuman Primates Associated With Administration of Biomolecule-Based Test Articles. Toxicologic Pathology, 2022, 50, 693-711.	0.9	6
58	Histiocytic Sarcoma and Bilateral Facial Vein Thrombosis in a Siberian Hamster (Phodopus sungorus). Comparative Medicine, 2015, 65, 127-32.	0.4	5
59	A Technical Guide to Sampling the Beagle Dog Nervous System for General Toxicity and Neurotoxicity Studies. Toxicologic Pathology, 2022, 50, 432-465.	0.9	5
60	Anatomy and Physiology of the Developing Mouse and Placenta. , 2015, , 39-98.		4
61	The ACVP/STP Coalition for Veterinary Pathology Fellows Celebrates 32 New Training Positions. Toxicologic Pathology, 2017, 45, 574-575.	0.9	3
62	Essential References for Structural Analysis of the Peripheral Nervous System for Pathologists and Toxicologists. Toxicologic Pathology, 2020, 48, 87-95.	0.9	3
63	Neuroanatomy and Sampling of Central Projections for the Visual System in Mammals Used in Toxicity Testing. Toxicologic Pathology, 2021, 49, 455-471.	0.9	3
64	Regulatory Perspectives on Juvenile Animal Toxicologic Pathology. Toxicologic Pathology, 2021, 49, 1393-1404.	0.9	3
65	Special Issue on Toxicologic Neuropathology of the Peripheral Nervous System: A Special Compendium of Past, Present, and Future Developments in a Neglected Field. Toxicologic Pathology, 2020, 48, 5-9.	0.9	2
66	Toxicologic Pathology: An Introduction. , 2022, , 1-12.		1
67	Selected Resources for Pathology Evaluation of Nonhuman Primates in Nonclinical Safety Assessment. Toxicologic Pathology, 2022, , 019262332210917.	0.9	1
68	IL-1 β and TNF α Produce Divergent Acute Inflammatory and Skeletal Lesions in the Knees of Lewis Rats. Annals of the New York Academy of Sciences, 2003, 987, 295-298.	1.8	0
69	The Society of Toxicologic Pathology: Advances and Adventures in the First 50 Years. Toxicologic Pathology, 2021, 49, 019262332110379.	0.9	0