

# Rodger D Curren

## List of Publications by Year in descending order

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33  
papers

2,029  
citations

236925

25  
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345221

36  
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38  
all docs

38  
docs citations

38  
times ranked

1278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency of ultraviolet light-induced mutations is higher in xeroderma pigmentosum variant cells than in normal human cells. <i>Nature</i> , 1976, 261, 593-595.	27.8	332
2	The ECVAM International Validation Study on in Vitro Tests for Acute Skin Irritation: Report on the Validity of the EPISKIN and EpiDerm Assays and on the Skin Integrity Function Test. <i>ATLA Alternatives To Laboratory Animals</i> , 2007, 35, 559-601.	1.0	185
3	The Role of Prevalidation in the Development, Validation and Acceptance of Alternative Methods. <i>ATLA Alternatives To Laboratory Animals</i> , 1995, 23, 211-217.	1.0	154
4	MEIC Evaluation of Acute Systemic Toxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 1996, 24, 273-311.	1.0	102
5	Development of a method for assessing micronucleus induction in a 3D human skin model (EpiDerm <sup>h</sup> , <sup>®</sup> ). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 607, 192-204.	1.7	99
6	Mutagenesis of xeroderma pigmentosum fibroblasts by acrolein. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988, 209, 17-22.	1.1	75
7	Pathobiological effects of acetaldehyde in cultured human epithelial cells and fibroblasts. <i>Carcinogenesis</i> , 1994, 15, 985-990.	2.8	68
8	Follow-up to the ECVAM Prevalidation Study on <i>In Vitro</i> Tests for Acute Skin Irritation. <i>ATLA Alternatives To Laboratory Animals</i> , 2002, 30, 109-129.	1.0	66
9	The Second ECVAM Workshop on Phototoxicity Testing. <i>ATLA Alternatives To Laboratory Animals</i> , 2000, 28, 777-814.	1.0	63
10	MEIC Evaluation of Acute Systemic Toxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 1996, 24, 251-272.	1.0	58
11	Further development of the EpiDerm <sup>h</sup> , <sup>®</sup> 3D reconstructed human skin micronucleus (RSMN) assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 92-99.	1.7	57
12	International prevalidation studies of the EpiDerm <sup>h</sup> , <sup>®</sup> 3D human reconstructed skin micronucleus (RSMN) assay: Transferability and reproducibility. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 701, 123-131.	1.7	57
13	Intralaboratory and interlaboratory evaluation of the EpiDerm <sup>h</sup> , <sup>®</sup> 3D human reconstructed skin micronucleus (RSMN) assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 100-108.	1.7	55
14	Ocular Safety: A Silent ( <i>In Vitro</i> ) Success Story. <i>ATLA Alternatives To Laboratory Animals</i> , 2002, 30, 69-74.	1.0	44
15	The reconstructed skin micronucleus assay (RSMN) in EpiDerm <sup>h</sup> , <sup>®</sup> : Detailed protocol and harmonized scoring atlas. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 720, 42-52.	1.7	44
16	Vaginal Irritation Models: The Current Status of Available Alternative and In Vitro Tests. <i>ATLA Alternatives To Laboratory Animals</i> , 2011, 39, 317-337.	1.0	44
17	First alternative method validated by a retrospective weight-of-evidence approach to replace the Draize eye test for the identification of non-irritant substances for a defined applicability domain. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2010, 27, 43-51.	1.5	44
18	Caffeine enhancement of the cytotoxic and mutagenic effect of ultraviolet irradiation in a xeroderma pigmentosum variant strain of human cells. <i>Biochemical and Biophysical Research Communications</i> , 1976, 71, 228-234.	2.1	40

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19	The Validation of Toxicological Prediction Models. ATLA Alternatives To Laboratory Animals, 1997, 25, 505-516.	1.0	29
20	Evaluation of chemicals requiring metabolic activation in the EpiDerm <sup>®</sup> , a 3D human reconstructed skin micronucleus (RSMN) assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 750, 40-49.	1.7	28
21	A Database of IC50 Values and Principal Component Analysis of Results from Six Basal Cytotoxicity Assays, for Use in the Modelling of the <i>In Vivo</i> and <i>In Vitro</i> Data of the EU ACuteTox Project. ATLA Alternatives To Laboratory Animals, 2008, 36, 503-519.	1.0	27
22	Report of an IS RTP Workshop: Progress and barriers to incorporating alternative toxicological methods in the U.S.. Regulatory Toxicology and Pharmacology, 2006, 46, 18-22.	2.7	24
23	Development and Validation of Non-animal Tests and Testing Strategies: The Identification of a Coordinated Response to the Challenge and the Opportunity Presented by the Sixth Amendment to the Cosmetics Directive (76/768/EEC). ATLA Alternatives To Laboratory Animals, 1995, 23, 398-409.	1.0	24
24	No Prediction Model, No Validation Study. ATLA Alternatives To Laboratory Animals, 1996, 24, 139-142.	1.0	23
25	Validation of the 3D reconstructed human skin micronucleus (RSMN) assay: an animal-free alternative for following-up positive results from standard <i>in vitro</i> genotoxicity assays. Mutagenesis, 2021, 36, 1-17.	2.6	19
26	Genotoxicity evaluation of lithium hypochlorite. Toxicology, 1990, 65, 1-22.	4.2	14
27	Xeroderma pigmentosum fibroblasts are more sensitive to asbestos fibers than are normal human fibroblasts. Carcinogenesis, 1984, 5, 291-294.	2.8	10
28	Joint Report: 13th Meeting of the Scientific Group on Methodologies for the Safety Evaluation of Chemicals (SGOMSEC): Validation and Acute Toxicity Testing. Environmental Health Perspectives, 1998, 106, 419.	6.0	9
29	In Vitro Methods for the Prediction of Ocular and Dermal Toxicity. , 2001, , .		4
30	Animal Use in the Chemical and Product Manufacturing Sectors – Can the Downtrend Continue?. ATLA Alternatives To Laboratory Animals, 2009, 37, 623-629.	1.0	3
31	Using the Cytosensor Microphysiometer to Assess Ocular Toxicity. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2014, 61, 1.13.1-11.	1.1	3
32	Mutagenesis of human cells by 3-methylcholanthrene. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1979, 60, 109-113.	1.0	2
33	An Investment in the Three Rs Can be Very Profitable. ATLA Alternatives To Laboratory Animals, 2009, 37, 35-38.	1.0	2