Jeroen L A Pennings

List of Publications by Year
in descending order

152	4,536	87888	144013
papers	citations	38 h-index	57 g-index

153	153	153	6129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Normalization of gene expression measurements in tumor tissues: comparison of 13 endogenous control genes. Laboratory Investigation, 2005, 85, 154-159.	3.7	482
2	Chronically Alternating Light Cycles Increase Breast Cancer Risk in Mice. Current Biology, 2015, 25, 1932-1937.	3.9	129
3	Chemokine induction by all-trans retinoic acid and arsenic trioxide in acute promyelocytic leukemia: triggering the differentiation syndrome. Blood, 2009, 114, 5512-5521.	1.4	98
4	Immunoproteomic Profiling of Bordetella pertussis Outer Membrane Vesicle Vaccine Reveals Broad and Balanced Humoral Immunogenicity. Journal of Proteome Research, 2015, 14, 2929-2942.	3.7	87
5	Lifespan analysis of brain development, gene expression and behavioral phenotypes in the Ts1Cje, Ts65Dn and Dp(16)1/Yey mouse models of Down syndrome. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	84
6	Evaluation of immunomodulation by Lactobacillus casei Shirota: Immune function, autoimmunity and gene expression. International Journal of Food Microbiology, 2006, 112, 8-18.	4.7	81
7	Metabolic profiling of presymptomatic Huntingtonâ€™s disease sheep reveals novel biomarkers. Scientific Reports, 2017, 7, 43030.	3.3	78
8	Exploring the zebrafish embryo as an alternative model for the evaluation of liver toxicity by histopathology and expression profiling. Archives of Toxicology, 2013, 87, 807-823.	4.2	77
9	Keratinocyte Gene Expression Profiles Discriminate Sensitizing and Irritating Compounds. Toxicological Sciences, 2010, 117, 81-89.	3.1	73
10	Transcriptomics-based identification of developmental toxicants through their interference with cardiomyocyte differentiation of embryonic stem cells. Toxicology and Applied Pharmacology, 2010, 243, 420-428.	2.8	71
11	Early gene expression changes during embryonic stem cell differentiation into cardiomyocytes and their modulation by monobutyl phthalate. Reproductive Toxicology, 2009, 27, 93-102.	2.9	69
12	Time-Response Evaluation by Transcriptomics of Methylmercury Effects on Neural Differentiation of Murine Embryonic Stem Cells. Toxicological Sciences, 2011, 122, 437-447.	3.1	67
13	Monitoring Developmental Toxicity in the Embryonic Stem Cell Test Using Differential Gene Expression of Differentiation-Related Genes. Toxicological Sciences, 2010, 116, 130-139.	3.1	66
14	Cord blood gene expression supports that prenatal exposure to perfluoroalkyl substances causes depressed immune functionality in early childhood. Journal of Immunotoxicology, 2016, 13, 173-180.	1.7	66
15	An Integrated Human/Murine Transcriptome and Pathway Approach To Identify Prenatal Treatments For Down Syndrome. Scientific Reports, 2016, 6, 32353.	3.3	65
16	Evaluation of Developmental Toxicant Identification Using Gene Expression Profiling in Embryonic Stem Cell Differentiation Cultures. Toxicological Sciences, 2011, 119, 126-134.	3.1	62
17	Metabolomics Profiling for Identification of Novel Potential Markers in Early Prediction of Preeclampsia. PLoS ONE, 2014, 9, e98540.	2.5	62
18	Proteome profiling of mouse embryonic stem cells to define markers for cell differentiation and embryotoxicity. Reproductive Toxicology, 2010, 30, 322-332.	2.9	61

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19	An adverse outcome pathway framework for neural tube and axial defects mediated by modulation of retinoic acid homeostasis. Reproductive Toxicology, 2015, 55, 104-113.	2.9	59
20	Zebrafish embryos as a screen for DNA methylation modifications after compound exposure. Toxicology and Applied Pharmacology, 2016, 291, 84-96.	2.8	59
21	A transcriptomics-based hepatotoxicity comparison between the zebrafish embryo and established human and rodent in vitro and in vivo models using cyclosporine A, amiodarone and acetaminophen. Toxicology Letters, 2015, 232, 403-412.	0.8	58
22	Discriminating classes of developmental toxicants using gene expression profiling in the embryonic stem cell test. Toxicology Letters, 2011, 201, 143-151.	0.8	56
23	Comparative genomic profiling of Dutch clinical Bordetella pertussis isolates using DNA microarrays: Identification of genes absent from epidemic strains. BMC Genomics, 2008, 9, 311.	2.8	55
24	Transcriptomic Concentration-Response Evaluation of Valproic Acid, Cyproconazole, and Hexaconazole in the Neural Embryonic Stem Cell Test (ESTn). Toxicological Sciences, 2012, 125, 430-438.	3.1	55
25	Quantitative Proteomics Reveals Distinct Differences in the Protein Content of Outer Membrane Vesicle Vaccines. Journal of Proteome Research, 2013, 12, 1898-1908.	3.7	53
26	Overlapping gene expression profiles of model compounds provide opportunities for immunotoxicity screening. Toxicology and Applied Pharmacology, 2008, 226, 46-59.	2.8	51
27	In vitro immunotoxicity of bis(tri-n-butyltin)oxide (TBTO) studied by toxicogenomics. Toxicology, 2007, 237, 35-48.	4.2	50
28	Males are from Mars, and females are from Venus: sex-specific fetal brain gene expression signatures in a mouse model of maternal diet-induced obesity. American Journal of Obstetrics and Gynecology, 2016, 214, 623.e1-623.e10.	1.3	49
29	Concentration-dependent gene expression responses to flusilazole in embryonic stem cell differentiation cultures. Toxicology and Applied Pharmacology, 2011, 251, 110-118.	2.8	48
30	Bordetella pertussis outer membrane vesicle vaccine confers equal efficacy in mice with milder inflammatory responses compared to a whole-cell vaccine. Scientific Reports, 2016, 6, 38240.	3.3	47
31	Comprehensive overview of common e-liquid ingredients and how they can be used to predict an e-liquidâ€™s flavour category. Tobacco Control, 2021, 30, 185-191.	3.2	46
32	Absence of Prenatal Forebrain Defects in the Dp(16)1Yey/+ Mouse Model of Down Syndrome. Journal of Neuroscience, 2016, 36, 2926-2944.	3.6	45
33	Diurnal Variation of Hormonal and Lipid Biomarkers in a Molecular Epidemiology-Like Setting. PLoS ONE, 2015, 10, e0135652.	2.5	44
34	Application of toxicogenomics in hepatic systems toxicology for risk assessment: Acetaminophen as a case study. Toxicology and Applied Pharmacology, 2011, 250, 96-107.	2.8	43
35	Identification of a Common Gene Expression Response in Different Lung Inflammatory Diseases in Rodents and Macaques. PLoS ONE, 2008, 3, e2596.	2.5	42
36	A Bead-Based Multiplexed Immunoassay to Evaluate Breast Cancer Biomarkers for Early Detection in Pre-Diagnostic Serum. International Journal of Molecular Sciences, 2012, 13, 13587-13604.	4.1	41

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37	Identification of interleukinâ€1 beta, but no other inflammatory proteins, as an early onset preâ€eclampsia biomarker in first trimester serum by beadâ€based multiplexed immunoassays. Prenatal Diagnosis, 2013, 33, 1183-1188.	2.3	40
38	Molecular Signatures of the Evolving Immune Response in Mice following a Bordetella pertussis Infection. PLoS ONE, 2014, 9, e104548.	2.5	40
39	First-Trimester Serum Acylcarnitine Levels to Predict Preeclampsia: A Metabolomics Approach. Disease Markers, 2015, 2015, 1-8.	1.3	39
40	Gene Expression Profiling of Bis(tri-n-butyltin)oxide (TBTO)-Induced Immunotoxicity in Mice and Rats. Journal of Immunotoxicology, 2006, 3, 227-244.	1.7	38
41	Embryotoxicant-Specific Transcriptomic Responses in Rat Postimplantation Whole-Embryo Culture. Toxicological Sciences, 2010, 118, 675-685.	3.1	38
42	Complementary Detection of Embryotoxic Properties of Substances in the Neural and Cardiac Embryonic Stem Cell Tests. Toxicological Sciences, 2013, 132, 118-130.	3.1	37
43	Toxicogenomics in the assessment of immunotoxicity. Methods, 2007, 41, 132-141.	3.8	36
44	Slow accumulation of mutations in Xpcâ^'/â^' mice upon induction of oxidative stress. DNA Repair, 2013, 12, 1081-1086.	2.8	36
45	In vitro effects of aldehydes present in tobacco smoke on gene expression in human lung alveolar epithelial cells. Toxicology in Vitro, 2013, 27, 1072-1081.	2.4	36
46	Identification of flavour additives in tobacco products to develop a flavour library. Tobacco Control, 2018, 27, 105-111.	3.2	36
47	Comparison of MeHg-induced toxicogenomic responses across in vivo and in vitro models used in developmental toxicology. Reproductive Toxicology, 2011, 32, 180-188.	2.9	35
48	A Comparison of Gene Expression Responses in Rat Whole Embryo Culture and In Vivo: Time-Dependent Retinoic Acid-Induced Teratogenic Response. Toxicological Sciences, 2012, 126, 242-254.	3.1	34
49	Transcriptional profiling of the acute pulmonary inflammatory response induced by LPS: role of neutrophils. Respiratory Research, 2010, 11, 24.	3.6	33
50	Gene set assembly for quantitative prediction of developmental toxicity in the embryonic stem cell test. Toxicology, 2011, 284, 63-71.	4.2	33
51	The Absence of Ser389 Phosphorylation in p53 Affects the Basal Gene Expression Level of Many p53-Dependent Genes and Alters the Biphasic Response to UV Exposure in Mouse Embryonic Fibroblasts. Molecular and Cellular Biology, 2008, 28, 1974-1987.	2.3	32
52	The fetal brain transcriptome and neonatal behavioral phenotype in the Ts1Cje mouse model of Down syndrome. American Journal of Medical Genetics, Part A, 2015, 167, 1993-2008.	1.2	32
53	Validation of precision-cut liver slices to study drug-induced cholestasis: a transcriptomics approach. Archives of Toxicology, 2017, 91, 1401-1412.	4.2	32
54	Novel identified aluminum hydroxide-induced pathways prove monocyte activation and pro-inflammatory preparedness. Journal of Proteomics, 2018, 175, 144-155.	2.4	32

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55	Effects of Prophylactic and Therapeutic Paracetamol Treatment during Vaccination on Hepatitis B Antibody Levels in Adults: Two Open-Label, Randomized Controlled Trials. PLoS ONE, 2014, 9, e98175.	2.5	31
56	GCâ€“MS analysis of e-cigarette refill solutions: A comparison of flavoring composition between flavor categories. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113364.	2.8	31
57	Gene Expression Regulation and Pathway Analysis After Valproic Acid and Carbamazepine Exposure in a Human Embryonic Stem Cell-Based Neurodevelopmental Toxicity Assay. Toxicological Sciences, 2015, 146, 311-320.	3.1	29
58	Transcriptomics analysis of retinoic acid embryotoxicity in rat postimplantation whole embryo culture. Reproductive Toxicology, 2010, 30, 333-340.	2.9	28
59	Dose response analysis of monophthalates in the murine embryonic stem cell test assessed by cardiomyocyte differentiation and gene expression. Reproductive Toxicology, 2013, 35, 81-88.	2.9	27
60	Cigarette Filter Ventilation and Smoking Protocol Influence Aldehyde Smoke Yields. Chemical Research in Toxicology, 2018, 31, 462-471.	3.3	27
61	Unlike dietary restriction, rapamycin fails to extend lifespan and reduce transcription stress in progeroid DNA repairâ€deficient mice. Aging Cell, 2021, 20, e13302.	6.7	27
62	Preoperative Fasting Protects against Renal Ischemia-Reperfusion Injury in Aged and Overweight Mice. PLoS ONE, 2014, 9, e100853.	2.5	26
63	Deregulation of Cancer-Related Pathways in Primary Hepatocytes Derived from DNA Repair-Deficient Xpaâ^'/â^'p53+/â^' Mice upon Exposure to Benzo[a]pyrene. Toxicological Sciences, 2011, 123, 123-132.	3.1	24
64	Programmed Effects in Neurobehavior and Antioxidative Physiology in Zebrafish Embryonically Exposed to Cadmium: Observations and Hypothesized Adverse Outcome Pathway Framework. International Journal of Molecular Sciences, 2016, 17, 1830.	4.1	24
65	Doseâ€“response analysis of phthalate effects on gene expression in rat whole embryo culture. Toxicology and Applied Pharmacology, 2012, 264, 32-41.	2.8	22
66	Gene expression markers in the zebrafish embryo reflect a hepatotoxic response in animal models and humans. Toxicology Letters, 2014, 230, 48-56.	0.8	22
67	Analysis of Adult Cerebral Cortex and Hippocampus Transcriptomes Reveals Unique Molecular Changes in the <scp>Ts1Cje</scp> Mouse Model of <scp>D</scp>own Syndrome. Brain Pathology, 2015, 25, 11-23.	4.1	22
68	Biomarkers for Circadian Rhythm Disruption Independent of Time of Day. PLoS ONE, 2015, 10, e0127075.	2.5	22
69	An optimized gene set for transcriptomics based neurodevelopmental toxicity prediction in the neural embryonic stem cell test. Toxicology, 2012, 300, 158-167.	4.2	21
70	Classification of Cholestatic and Necrotic Hepatotoxicants Using Transcriptomics on Human Precision-Cut Liver Slices. Chemical Research in Toxicology, 2016, 29, 342-351.	3.3	21
71	Significant Effects of Maternal Diet During Pregnancy on the Murine Fetal Brain Transcriptome and Offspring Behavior. Frontiers in Neuroscience, 2019, 13, 1335.	2.8	21
72	Aldehyde and Volatile Organic Compound Yields in Commercial Cigarette Mainstream Smoke Are Mutually Related and Depend on the Sugar and Humectant Content in Tobacco. Nicotine and Tobacco Research, 2020, 22, 1748-1756.	2.6	21

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73	Awareness, use and perceptions of cigarillos, heated tobacco products and nicotine pouches: A survey among Dutch adolescents and adults. Drug and Alcohol Dependence, 2021, 229, 109136.	3.2	21
74	Integrative data mining to identify novel candidate serum biomarkers for preâ€eclampsia screening. Prenatal Diagnosis, 2011, 31, 1153-1159.	2.3	20
75	Embryotoxic and pharmacologic potency ranking of six azoles in the rat whole embryo culture by morphological and transcriptomic analysis. Toxicology and Applied Pharmacology, 2017, 322, 15-26.	2.8	20
76	Discovery of Novel Serum Biomarkers for Prenatal Down Syndrome Screening by Integrative Data Mining. PLoS ONE, 2009, 4, e8010.	2.5	20
77	Immunological Signatures after Bordetella pertussis Infection Demonstrate Importance of Pulmonary Innate Immune Cells. PLoS ONE, 2016, 11, e0164027.	2.5	20
78	Cyclosporine A treated in vitro models induce cholestasis response through comparison of phenotype-directed gene expression analysis of in vivo Cyclosporine A-induced cholestasis. Toxicology Letters, 2013, 221, 225-236.	0.8	19
79	Isolation and Characterization of Methanobacterium thermoautotrophicum Î”H Mutants Unable To Grow under Hydrogen-Deprived Conditions. Journal of Bacteriology, 1998, 180, 2676-2681.	2.2	19
80	Gene Expression Profiling in a Mouse Model Identifies Fetal Liver- and Placenta-Derived Potential Biomarkers for Down Syndrome Screening. PLoS ONE, 2011, 6, e18866.	2.5	19
81	Systemic Signature of the Lung Response to Respiratory Syncytial Virus Infection. PLoS ONE, 2011, 6, e21461.	2.5	19
82	Adaptation of methane formation and enzyme contents during growth of Methanobacterium thermoautotrophicum (strain deltaH) in a fed-batch fermentor. Antonie Van Leeuwenhoek, 2000, 77, 281-291.	1.7	18
83	Adipose Gene Expression Response of Lean and Obese Mice to Short-term Dietary Restriction*. Obesity, 2006, 14, 974-979.	3.0	18
84	Gene Expression Differences in Lungs of Mice during Secondary Immune Responses to Respiratory Syncytial Virus Infection. Journal of Virology, 2010, 84, 9584-9594.	3.4	18
85	Protein expression profiling of mouse thymoma cells upon exposure to the trichothecene deoxynivalenol (DON): Implications for its mechanism of action. Journal of Immunotoxicology, 2010, 7, 147-156.	1.7	18
86	Transcriptome signature for dampened Th2 dominance in acellular pertussis vaccine-induced CD4+ T cell responses through TLR4 ligation. Scientific Reports, 2016, 6, 25064.	3.3	18
87	A Review of Toxicogenomic Approaches in Developmental Toxicology. Methods in Molecular Biology, 2012, 889, 347-371.	0.9	18
88	Medium-reductant directed expression of methyl coenzyme M reductase isoenzymes inMethanobacterium thermoautotrophicum(strain Î”H). FEBS Letters, 1997, 410, 235-237.	2.8	17
89	Chronic sleep restriction in the rotenone Parkinsonâ€™s disease model in rats reveals peripheral early-phase biomarkers. Scientific Reports, 2019, 9, 1898.	3.3	17
90	Proteomic analysis of mouse thymoma EL4 cells treated with bis(tri-n-butyltin)oxide (TBTO). Journal of Immunotoxicology, 2009, 6, 174-183.	1.7	16

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91	A statistical approach towards the derivation of predictive gene sets for potency ranking of chemicals in the mouse embryonic stem cell test. Toxicology Letters, 2014, 225, 342-349.	0.8	16
92	Apigenin as a Candidate Prenatal Treatment for Trisomy 21: Effects in Human Amniocytes and the Ts1Cje Mouse Model. American Journal of Human Genetics, 2020, 107, 911-931.	6.2	16
93	Comprehensive Dutch market data analysis shows that e-liquids with nicotine salts have both higher nicotine and flavour concentrations than those with free-base nicotine. Tobacco Control, 2023, 32, e78-e82.	3.2	15
94	Benzo(a)pyrene induces similar gene expression changes in testis of DNA repair proficient and deficient mice. BMC Genomics, 2010, 11, 333.	2.8	14
95	Comparison of the molecular topologies of stress-activated transcription factors HSF1, AP-1, NRF2, and NF-Î²B in their induction kinetics of HMOX1. BioSystems, 2014, 124, 75-85.	2.0	14
96	Valproic acid-induced gene expression responses in rat whole embryo culture and comparison across in vitro developmental and non-developmental models. Reproductive Toxicology, 2013, 41, 57-66.	2.9	13
97	Differential effects of fluoxetine and venlafaxine in the neural embryonic stem cell test (ESTn) revealed by a cell lineage map. NeuroToxicology, 2020, 76, 1-9.	3.0	13
98	Characteristic Human Individual Puffing Profiles Can Generate More TNCO than ISO and Health Canada Regimes on Smoking Machine When the Same Brand Is Smoked. International Journal of Environmental Research and Public Health, 2020, 17, 3225.	2.6	13
99	Host response to mechanical ventilation for viral respiratory tract infection. European Respiratory Journal, 2012, 40, 1508-1515.	6.7	12
100	Development of an in vitro test to identify respiratory sensitizers in bronchial epithelial cells using gene expression profiling. Toxicology in Vitro, 2015, 30, 274-280.	2.4	12
101	Sensory Evaluation of E-Liquid Flavors by Smelling and Vaping Yields Similar Results. Nicotine and Tobacco Research, 2020, 22, 798-805.	2.6	12
102	Distinguishing mode of action of compounds inducing craniofacial malformations in zebrafish embryos to support dose-response modeling in combined exposures. Reproductive Toxicology, 2020, 96, 114-127.	2.9	12
103	Delayed expression of apoptotic and cell-cycle control genes in carcinogen-exposed bladders of mice lacking p53.S389 phosphorylation. Carcinogenesis, 2007, 28, 1814-1823.	2.8	11
104	A transcriptomic approach for evaluating the relative potency and mechanism of action of azoles in the rat Whole Embryo Culture. Toxicology, 2017, 392, 96-105.	4.2	11
105	Vaccine antigens modulate the innate response of monocytes to Al(OH)3. PLoS ONE, 2018, 13, e0197885.	2.5	11
106	Both Nonsmoking Youth and Smoking Adults Like Sweet and Minty E-liquid Flavors More Than Tobacco Flavor. Chemical Senses, 2021, 46, .	2.0	11
107	Ozone induces clear cellular and molecular responses in the mouse lung independently of the transcription-coupled repair status. Journal of Applied Physiology, 2007, 102, 1185-1192.	2.5	10
108	Identification by Gene Coregulation Mapping of Novel Genes Involved in Embryonic Stem Cell Differentiation. Stem Cells and Development, 2011, 20, 115-126.	2.1	10

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109	Proteome Analysis Is a Valuable Tool to Monitor Antigen Expression during Upstream Processing of Whole-Cell Pertussis Vaccines. Journal of Proteome Research, 2017, 16, 528-537.	3.7	10
110	Smoking regular and low-nicotine cigarettes results in comparable levels of volatile organic compounds in blood and exhaled breath. Journal of Breath Research, 2021, 15, 016010.	3.0	10
111	Comparison of gene expression regulation in mouse- and human embryonic stem cell assays during neural differentiation and in response to valproic acid exposure. Reproductive Toxicology, 2015, 56, 77-86.	2.9	9
112	Transcriptomics in lung tissue upon respiratory syncytial virus infection reveals aging as important modulator of immune activation and matrix maintenance. Scientific Reports, 2018, 8, 16653.	3.3	9
113	Antibody Specificity Following a Recent Bordetella pertussis Infection in Adolescence Is Correlated With the Pertussis Vaccine Received in Childhood. Frontiers in Immunology, 2019, 10, 1364.	4.8	9
114	Aluminum Hydroxide And Aluminum Phosphate Adjuvants Elicit A Different Innate Immune Response. Journal of Pharmaceutical Sciences, 2022, , .	3.3	9
115	Identification of breast cancer biomarkers in transgenic mouse models: A proteomics approach. Proteomics - Clinical Applications, 2010, 4, 603-612.	1.6	8
116	Lasting Effects on Body Weight and Mammary Gland Gene Expression in Female Mice upon Early Life Exposure to n-3 but Not n-6 High-Fat Diets. PLoS ONE, 2013, 8, e55603.	2.5	8
117	Dysregulation of Serum Gamma Interferon Levels in Vascular Chronic Q Fever Patients Provides Insights into Disease Pathogenesis. Vaccine Journal, 2015, 22, 664-671.	3.1	8
118	Advanced Toxicological Risk Assessment by Implementation of Ontologies Operationalized in Computational Models. Applied in Vitro Toxicology, 2017, 3, 325-332.	1.1	8
119	Application of the comparison approach to open TG-GATEs: A useful toxicogenomics tool for detecting modes of action in chemical risk assessment. Food and Chemical Toxicology, 2018, 121, 115-123.	3.6	8
120	Activation of Human Monocytes by Colloidal Aluminum Salts. Journal of Pharmaceutical Sciences, 2020, 109, 750-760.	3.3	8
121	Gene expression changes in the mesenteric lymph nodes of rats after oral peanut extract exposure. Journal of Immunotoxicology, 2008, 5, 385-394.	1.7	7
122	Effects of pooling RNA from samples treated with different compounds for determining class specific biomarkers and processes in toxicogenomics. Toxicology in Vitro, 2011, 25, 1841-1847.	2.4	7
123	Gene expression profiles induced by Salmonella infection in resistant and susceptible mice. Microbes and Infection, 2011, 13, 383-393.	1.9	6
124	Biomarker discovery using a comparative omics approach in a mouse model developing heterogeneous mammary cancer subtypes. Proteomics, 2012, 12, 2149-2157.	2.2	6
125	Unraveling toxicological mechanisms and predicting toxicity classes with gene dysregulation networks. Journal of Applied Toxicology, 2013, 33, 1407-1415.	2.8	6
126	Relevance of In Vitro Transcriptomics for In Vivo Mode of Action Assessment. Chemical Research in Toxicology, 2021, 34, 452-459.	3.3	6

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127	Neuronal differentiation pathways and compound-induced developmental neurotoxicity in the human neural progenitor cell test (hNPT) revealed by RNA-seq. Chemosphere, 2022, 304, 135298.	8.2	6
128	Comparative gene expression profiling in two congenic mouse strains following Bordetella pertussis infection. BMC Microbiology, 2007, 7, 88.	3.3	5
129	Down syndrome screening: imagining the screening test of the future. Expert Review of Molecular Diagnostics, 2010, 10, 445-457.	3.1	5
130	Recommendations of the VAC2VAC workshop on the design of multi-centre validation studies. Biologicals, 2018, 52, 78-82.	1.4	5
131	Comparison of clastogen-induced gene expression profiles in wild-type and DNA repair-deficient Rad54/Rad54B cells. BMC Genomics, 2010, 11, 24.	2.8	4
132	Comparison of Different Blood Collection, Sample Matrix, and Immunoassay Methods in a Prenatal Screening Setting. Disease Markers, 2014, 2014, 1-8.	1.3	4
133	Meta-Analysis of Pulmonary Transcriptomes from Differently Primed Mice Identifies Molecular Signatures to Differentiate Immune Responses following Bordetella pertussis Challenge. Journal of Immunology Research, 2017, 2017, 1-9.	2.2	4
134	A Combination of Factors Related to Smoking Behavior, Attractive Product Characteristics, and Socio-Cognitive Factors are Important to Distinguish a Dual User from an Exclusive E-Cigarette User. International Journal of Environmental Research and Public Health, 2019, 16, 4191.	2.6	4
135	Proteomic analysis of chicken bone marrow-derived dendritic cells in response to an inactivated IBVâ€‰+â€‰NDV poultry vaccine. Scientific Reports, 2021, 11, 12666.	3.3	4
136	Quantitative performance of antibody array technology in a prenatal screening setting. Clinical Chemistry and Laboratory Medicine, 2012, 50, 325-32.	2.3	3
137	An Adverse Outcome Pathway Analysis Employing DNA Methylation Effects in Arsenic-Exposed Zebrafish Embryos Supports a Role of Epigenetic Events in Arsenic-Induced Chronic Disease. Applied in Vitro Toxicology, 2017, 3, 312-324.	1.1	3
138	In Vitro Characterization of the Innate Immune Pathways Engaged by Live and Inactivated Tick-Borne Encephalitis Virus. Vaccines, 2021, 9, 664.	4.4	3
139	Review of industry reports on EU priority tobacco additives part A: Main outcomes and conclusions. Tobacco Prevention and Cessation, 2022, 8, 1-18.	0.4	3
140	Predictive Performance of a Seven-Plex Antibody Array in Prenatal Screening for Down Syndrome. Disease Markers, 2015, 2015, 1-7.	1.3	2
141	A next-generation sequencing based method for determining genetic stability in Clostridium tetani vaccine strains. Biologicals, 2020, 64, 10-14.	1.4	2
142	Exploring Neurobehaviour in Zebrafish Embryos as a Screening Model for Addictiveness of Substances. Toxics, 2021, 9, 250.	3.7	2
143	In vitro effects of low-level aldehyde exposures on human umbilical vein endothelial cells. Toxicology Research, 2015, 4, 1250-1259.	2.1	1
144	Analysis of Manufacturer's Information on Tobacco Product Additive Use. Tobacco Regulatory Science (discontinued), 2019, 5, 182-205.	0.2	1

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145	Exploring the biological domain of the neural embryonic stem cell test (ESTn): Morphogenetic regulators, Hox genes and cell types, and their usefulness as biomarkers for embryotoxicity screening. Toxicology, 2021, 454, 152735.	4.2	1
146	Variations in cigarette brand characteristics: can consumers tell the difference?. Tobacco Control, 2023, 32, 467-472.	3.2	1
147	Regulation of Clostridium tetani Neurotoxin Expression by Culture Conditions. Toxins, 2022, 14, 31.	3.4	1
148	Flavours and flavourings in waterpipe products: a comparison between tobacco, herbal molasses and steam stones. Tobacco Control, 2023, 32, 627-634.	3.2	1
149	Pathways Related to NLRP3 Inflammasome Activation Induced by Gold Nanorods. International Journal of Molecular Sciences, 2022, 23, 5763.	4.1	1
150	Review of industry reports on EU priority tobacco additives part B: Methodological limitations. Tobacco Prevention and Cessation, 2022, 8, 1-16.	0.4	1
151	Toxicogenomics as a Tool to Assess Immunotoxicity. , 0, , 127-142.		0
152	Correction: Comparative genomic profiling of Dutch clinical Bordetella pertussis isolates using DNA microarrays: identification of genes absent from epidemic strains. BMC Genomics, 2010, 11, 196.	2.8	0