

Elisa Boutet-Robinet

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,518
citations

361413

20
h-index

315739

38
g-index

52
all docs

52
docs citations

52
times ranked

2369
citing authors

#	ARTICLE	IF	CITATIONS
1	Food-grade TiO ₂ impairs intestinal and systemic immune homeostasis, initiates preneoplastic lesions and promotes aberrant crypt development in the rat colon. <i>Scientific Reports</i> , 2017, 7, 40373.	3.3	309
2	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. <i>Nature Protocols</i> , 2020, 15, 3817-3826.	12.0	189
3	Application of the comet assay in human biomonitoring: An hCOMET perspective. <i>Mutation Research - Reviews in Mutation Research</i> , 2020, 783, 108288.	5.5	95
4	Agonist-directed trafficking of signalling at serotonin 5-HT _{2A} , 5-HT _{2B} and 5-HT _{2C} -VSV receptors mediated Gq/11 activation and calcium mobilisation in CHO cells. <i>European Journal of Pharmacology</i> , 2008, 594, 32-38.	3.5	85
5	From single-strand breaks to double-strand breaks during S-phase: a new mode of action of the <i>Escherichia coli</i> Cytotolethal Distending Toxin. <i>Cellular Microbiology</i> , 2013, 15, 1-15.	2.1	74
6	The chromatin remodeler p400 ATPase facilitates Rad51-mediated repair of DNA double-strand breaks. <i>Journal of Cell Biology</i> , 2012, 199, 1067-1081.	5.2	67
7	Technical recommendations to perform the alkaline standard and enzyme-modified comet assay in human biomonitoring studies. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 24-32.	1.7	58
8	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108371.	5.5	45
9	DNA repair as a human biomonitoring tool: Comet assay approaches. <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 781, 71-87.	5.5	40
10	Haem iron reshapes colonic luminal environment: impact on mucosal homeostasis and microbiome through aldehyde formation. <i>Microbiome</i> , 2019, 7, 72.	11.1	38
11	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793.	3.3	36
12	Thyroid Function Tests in Persons with Occupational Exposure to Fipronil. <i>Thyroid</i> , 2011, 21, 701-706.	4.5	35
13	Cell Cycle Modulation by Marek's Disease Virus: The Tegument Protein VP22 Triggers S-Phase Arrest and DNA Damage in Proliferating Cells. <i>PLoS ONE</i> , 2014, 9, e100004.	2.5	34
14	A Switch of G Protein-Coupled Receptor Binding Preference from Phosphoinositide 3-Kinase (PI3K) to Filamin A Negatively Controls the PI3K Pathway. <i>Molecular and Cellular Biology</i> , 2012, 32, 1004-1016.	2.3	32
15	Nongenotoxic 3-Nitroimidazo[1,2- <i>a</i>]pyridines Are NTR1 Substrates That Display Potent <i>In Vitro</i> Antileishmanial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 34-39.	2.8	31
16	Benzo[a]pyrene-induced DNA damage associated with mutagenesis in primary human activated T lymphocytes. <i>Biochemical Pharmacology</i> , 2017, 137, 113-124.	4.4	27
17	Cell resistance to the Cytotolethal Distending Toxin involves an association of DNA repair mechanisms. <i>Scientific Reports</i> , 2016, 6, 36022.	3.3	26
18	A French crop-exposure matrix for use in epidemiological studies on pesticides: PESTIMAT. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 56-63.	3.9	25

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19	Differential profile of typical, atypical and third generation antipsychotics at human 5-HT7a receptors coupled to adenylyl cyclase: detection of agonist and inverse agonist properties. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 376, 93-105.	3.0	23
20	Versicolorin A, a precursor in aflatoxins biosynthesis, is a food contaminant toxic for human intestinal cells. <i>Environment International</i> , 2020, 137, 105568.	10.0	20
21	Collection and storage of human white blood cells for analysis of DNA damage and repair activity using the comet assay in molecular epidemiology studies. <i>Mutagenesis</i> , 2021, 36, 193-212.	2.6	20
22	Chronic treatment with certain antipsychotic drugs preserves upregulation of regulator of G-protein signalling 2 mRNA in rat striatum as opposed to c-fos mRNA. <i>Neuroscience Letters</i> , 2001, 307, 45-48.	2.1	19
23	DNA damage in B and T lymphocytes of farmers during one pesticide spraying season. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 963-972.	2.3	19
24	Novel 8-nitroquinolin-2(1H)-ones as NTR-bioactivated antikinoplastid molecules: Synthesis, electrochemical and SAR study. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 135-152.	5.5	19
25	Influence of the microenvironment on modulation of the host response by typhoid toxin. <i>Cell Reports</i> , 2021, 35, 108931.	6.4	19
26	8-Alkynyl-3-nitroimidazopyridines display potent antitrypanosomal activity against both <i>T. brucei</i> and <i>cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112558.	5.5	15
27	Neutral Comet Assay. <i>Bio-protocol</i> , 2013, 3, .	0.4	14
28	Endogenous RGS proteins facilitate dopamine D2 receptor coupling to G α proteins and Ca ²⁺ -responses in CHO-K1 cells. <i>FEBS Letters</i> , 2003, 533, 67-71.	2.8	13
29	Genome-Wide Transcriptional and Functional Analysis of Human T Lymphocytes Treated with Benzo[a]pyrene. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3626.	4.1	13
30	Validation of Gelbond [®] high-throughput alkaline and Fpg-modified comet assay using a linear mixed model. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 595-602.	2.2	13
31	Different regulation of RGS2 mRNA by haloperidol and clozapine. <i>NeuroReport</i> , 2001, 12, 1731-1735.	1.2	12
32	Constitutive Coupling of a Chimeric Dopamine D2/1B Receptor to the Phospholipase C Pathway: Inverse Agonism to Silent Antagonism by Neuroleptic Drugs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 380-390.	2.5	10
33	Exposure to the Fungicide Captan Induces DNA Base Alterations and Replicative Stress in Mammalian Cells. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 286-297.	2.2	9
34	Nrf2 and AhR in metabolic reprogramming after contaminant exposure. <i>Current Opinion in Toxicology</i> , 2018, 8, 34-41.	5.0	8
35	New 8-Nitroquinolinone Derivative Displaying Submicromolar <i>in Vitro</i> Activities against Both <i>Trypanosoma brucei</i> and <i>cruzi</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 464-472.	2.8	8
36	DNA damage and oxidative stress induced at low doses by the fungicide hexachlorobenzene in human intestinal Caco-2 cells. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 448-58.	2.7	8

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37	Food-Grade TiO ₂ Pigment Initiates Preneoplastic Lesions and Promotes Aberrant Crypt Development in the Rat Colon. <i>Gastroenterology</i> , 2017, 152, S418.	1.3	3
38	DNA damage response upon environmental contaminants: An exhausting work for genomic integrity. <i>Current Opinion in Toxicology</i> , 2018, 8, 28-33.	5.0	2
39	Perception of Pharmacy Students Toward Opioid-Related Disorders and Roles of Community Pharmacists: A French Nationwide Cross-Sectional Study. <i>Substance Abuse</i> , 2021, 42, 706-715.	2.3	2
40	In vivo genotoxic effects of dietary heme iron on rat colon mucosa and ex vivo effects on colon cells monitored by an optimized alkaline comet assay. <i>Frontiers in Genetics</i> , 0, 6, .	2.3	1
41	Inverse agonism at dopamine D ₂ receptors: a receptor recalcitrant to high levels of constitutive activation. <i>International Congress Series</i> , 2003, 1249, 163-183.	0.2	0
42	401: Chromatin remodelling by the p400 ATPase influences DNA double-strand breaks repair and genetic instability independently of the H2AZ histone variant incorporation. <i>European Journal of Cancer</i> , 2014, 50, S96.	2.8	0
43	330 Heme-Induced Colorectal Carcinogenesis Associated With Meat Consumption: Relationship Between Fecal Microbiome, Metabolome and Luminal Heme-Induced Lipoperoxidation Activity in Rats. <i>Gastroenterology</i> , 2016, 150, S77-S78.	1.3	0
44	Impact of Food Contaminants (4-hydroxynonenal and pesticides) Relative to Genetic Susceptibility to Colorectal Cancer in vitro. <i>Free Radical Biology and Medicine</i> , 2020, 159, S77.	2.9	0
45	Short-Term and Long-Term Carcinogenic Effects of Food Contaminants (4-Hydroxynonenal and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Cancers, 2021, 13, 4337.	3.7	0
46	Detection of DNA damage by alkaline comet assay in mouse colonic mucosa. <i>STAR Protocols</i> , 2021, 2, 100872.	1.2	0
47	Agricultural Activities and Pesticide Exposure: Elaboration of a Matrix for Use in Epidemiological Studies. <i>Epidemiology</i> , 2006, 17, S367.	2.7	0
48	Longitudinal study of DNA in lymphocytes of female farmers measured using the alkaline comet assay and link with cancer development. <i>Safety and Health at Work</i> , 2022, 13, S132-S133.	0.6	0