

# Alok Dhawan

## List of Publications by Year in descending order

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141  
papers

9,552  
citations

43973

48  
h-index

39575

94  
g-index

146  
all docs

146  
docs citations

146  
times ranked

12064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate and potential hazards of nanoparticles in the environment. , 2022, , 581-602.		0
2	The Comet Assay: Assessment of In Vitro and In Vivo DNA Damage. Methods in Molecular Biology, 2019, 2031, 237-257.	0.4	18
3	In Silico Approaches for Predictive Toxicology. , 2018, , 91-109.		19
4	Preferential binding of fullerene and fullerenol with the N-terminal and middle regions of amyloid beta peptide: an in silico investigation. International Journal of Nanomedicine, 2018, Volume 13, 71-73.	3.3	3
5	Cellular internalization and antioxidant activity of cerium oxide nanoparticles in human monocytic leukemia cells. International Journal of Nanomedicine, 2018, Volume 13, 39-41.	3.3	29
6	TiO <sub>2</sub> NPs Induce DNA Damage in Lymphocytes from Healthy Individuals and Patients with Respiratory Diseases—An <i>Ex Vivo</i> / <i>In Vitro</i> Study. Journal of Nanoscience and Nanotechnology, 2018, 18, 544-555.	0.9	10
7	Curcumin Ag nanoconjugates for improved therapeutic effects in cancer. International Journal of Nanomedicine, 2018, Volume 13, 75-77.	3.3	15
8	Synthesis of biocompatible iron oxide nanoparticles as a drug delivery vehicle. International Journal of Nanomedicine, 2018, Volume 13, 79-82.	3.3	34
9	Laboratory Scale Microbial Food Chain To Study Bioaccumulation, Biomagnification, and Ecotoxicity of Cadmium Telluride Quantum Dots. Environmental Science & Technology, 2017, 51, 1695-1706.	4.6	37
10	Heteroagglomeration of zinc oxide nanoparticles with clay mineral modulates the bioavailability and toxicity of nanoparticle in Tetrahymena pyriformis. Journal of Colloid and Interface Science, 2017, 495, 9-18.	5.0	36
11	Zinc oxide nanoparticle induced age dependent immunotoxicity in BALB/c mice. Toxicology Research, 2017, 6, 342-352.	0.9	20
12	Monitoring characteristics and genotoxic effects of engineered nanoparticle—protein corona. Mutagenesis, 2017, 32, 479-490.	1.0	12
13	Impact of Nanomaterials on the Aquatic Food Chain. Sustainable Agriculture Reviews, 2017, , 309-333.	0.6	6
14	Cell cycle dependent cellular uptake of zinc oxide nanoparticles in human epidermal cells. Mutagenesis, 2016, 31, 481-490.	1.0	67
15	3D scaffold induces efficient bone repair: in vivo studies of ultra-structural architecture at the interface. RSC Advances, 2016, 6, 93768-93776.	1.7	4
16	Assessment of agglomeration, co-sedimentation and trophic transfer of titanium dioxide nanoparticles in a laboratory-scale predator-prey model system. Scientific Reports, 2016, 6, 31422.	1.6	26
17	Chromium oxide nanoparticle—induced genotoxicity and p53—dependent apoptosis in human lung alveolar cells. Journal of Applied Toxicology, 2015, 35, 1179-1188.	1.4	24
18	Effect of graphene oxide on the conformational transitions of amyloid beta peptide: A molecular dynamics simulation study. Journal of Molecular Graphics and Modelling, 2015, 61, 175-185.	1.3	72

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19	ZnO nanoparticles induced inflammatory response and genotoxicity in human blood cells: A mechanistic approach. <i>Food and Chemical Toxicology</i> , 2015, 85, 61-70.	1.8	85
20	TiO <sub>2</sub> nanoparticles induce <i>scp</i> DNA <i>/scp</i> double strand breaks and cell cycle arrest in human alveolar cells. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 204-217.	0.9	105
21	Zinc oxide nanoparticles affect the expression of p53, Ras p21 and JNKs: an ex vivo/in vitro exposure study in respiratory disease patients. <i>Mutagenesis</i> , 2015, 30, 237-245.	1.0	39
22	Cytotoxicity assessment of ZnO nanoparticles on human epidermal cells. <i>Molecular Cytogenetics</i> , 2014, 7, P81.	0.4	5
23	Effects of titanium dioxide nanoparticles in human gastric epithelial cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 59-64.	2.5	70
24	The comet assay as a tool for human biomonitoring studies: The ComNet Project. <i>Mutation Research - Reviews in Mutation Research</i> , 2014, 759, 27-39.	2.4	182
25	Titanium dioxide nanoparticle-induced oxidative stress triggers DNA damage and hepatic injury in mice. <i>Nanomedicine</i> , 2014, 9, 1423-1434.	1.7	132
26	Mechanisms of genotoxicity. A review of <i>in vitro</i> and <i>in vivo</i> studies with engineered nanoparticles. <i>Nanotoxicology</i> , 2014, 8, 233-278.	1.6	523
27	Comprehensive Molecular Analysis of the Responses Induced by Titanium Dioxide Nanoparticles in Human Keratinocyte Cells. <i>Journal of Translational Toxicology</i> , 2014, 1, 28-39.	0.3	7
28	Methods for Detection of Oxidative Stress and Genotoxicity of Engineered Nanoparticles. <i>Methods in Molecular Biology</i> , 2013, 1028, 231-246.	0.4	18
29	Multicolor Laser Scanning Confocal Immunofluorescence Microscopy of DNA Damage Response Biomarkers. <i>Methods in Molecular Biology</i> , 2013, 1044, 311-323.	0.4	0
30	The Comet Assay: Assessment of In Vitro and In Vivo DNA Damage. <i>Methods in Molecular Biology</i> , 2013, 1044, 325-345.	0.4	35
31	Hydration Patterns of Graphene-Based Nanomaterials (GBNMs) Play a Major Role in the Stability of a Helical Protein: A Molecular Dynamics Simulation Study. <i>Langmuir</i> , 2013, 29, 14230-14238.	1.6	43
32	Polycyclic aromatic hydrocarbons and their quinones modulate the metabolic profile and induce DNA damage in human alveolar and bronchiolar cells. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 553-565.	2.1	53
33	Effects of surface curvature and surface characteristics of carbon-based nanomaterials on the adsorption and activity of acetylcholinesterase. <i>Carbon</i> , 2013, 62, 222-232.	5.4	39
34	TiO <sub>2</sub> nanoparticles induce oxidative DNA damage and apoptosis in human liver cells. <i>Nanotoxicology</i> , 2013, 7, 48-60.	1.6	220
35	Comparative study on effects of two different types of titanium dioxide nanoparticles on human neuronal cells. <i>Food and Chemical Toxicology</i> , 2013, 57, 352-361.	1.8	101
36	2.45 GHz Microwave Irradiation-Induced Oxidative Stress Affects Implantation or Pregnancy in Mice, <i>Mus musculus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1727-1751.	1.4	61

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37	Genotoxic and carcinogenic potential of engineered nanoparticles: an update. Archives of Toxicology, 2013, 87, 1883-1900.	1.9	132
38	The Comet Assay in Human Biomonitoring. Methods in Molecular Biology, 2013, 1044, 347-362.	0.4	31
39	In-Vivo Efficacy of Compliant 3D Nano-Composite in Critical-Size Bone Defect Repair: a Six Month Preclinical Study in Rabbit. PLoS ONE, 2013, 8, e77578.	1.1	17
40	DNA and oxidative damage induced in somatic organs and tissues of mouse by municipal sludge leachate. Toxicology and Industrial Health, 2012, 28, 614-623.	0.6	26
41	Launch of the ComNet (comet network) project on the comet assay in human population studies during the International Comet Assay Workshop meeting in Kusadasi, Turkey (September 13-16, 2011). Mutagenesis, 2012, 27, 385-386.	1.0	17
42	Mechanism of Inhibition of the ATPase Domain of Human Topoisomerase III $\alpha$ by 1,4-Benzoquinone, 1,2-Naphthoquinone, 1,4-Naphthoquinone, and 9,10-Phenanthroquinone. Toxicological Sciences, 2012, 126, 372-390.	1.4	33
43	Induction of oxidative stress, DNA damage and apoptosis in mouse liver after sub-acute oral exposure to zinc oxide nanoparticles. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 745, 84-91.	0.9	383
44	Nanomaterials: Exposure, Effects and Toxicity Assessment. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2012, 82, 3-11.	0.4	36
45	Microorganisms: A Versatile Model for Toxicity Assessment of Engineered Nanoparticles. , 2012, , 497-524.		2
46	Growth morphologies, phase formation, optical & biological responses of nanostructures of CuO and their application as cooling fluid in high energy density devices. RSC Advances, 2012, 2, 1387-1403.	1.7	61
47	Zinc oxide nanoparticles induce oxidative DNA damage and ROS-triggered mitochondria mediated apoptosis in human liver cells (HepG2). Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 852-870.	2.2	626
48	Topical Application of Ochratoxin A Causes DNA Damage and Tumor Initiation in Mouse Skin. PLoS ONE, 2012, 7, e47280.	1.1	42
49	Comet Assay: An Exposure Biomarker for Human Biomonitoring. Qscience Proceedings, 2012, 2012, 18.	0.0	0
50	ROS-mediated genotoxicity induced by titanium dioxide nanoparticles in human epidermal cells. Toxicology in Vitro, 2011, 25, 231-241.	1.1	461
51	2.45 GHz (CW) MICROWAVE IRRADIATION ALTERS CIRCADIAN ORGANIZATION, SPATIAL MEMORY, DNA STRUCTURE IN THE BRAIN CELLS AND BLOOD CELL COUNTS OF MALE MICE, MUS MUSCULUS. Progress in Electromagnetics Research B, 2011, 29, 23-42.	0.7	27
52	Selected Peer-Reviewed Articles from the International Symposium on the Safe Use of Nanomaterials and Workshop on Nanomaterial Safety: Status, Procedures, Policy and Ethical Concerns. Journal of Biomedical Nanotechnology, 2011, 7, 1-2.	0.5	41
53	<i>In Silico Approaches</i> : Prediction of Biological Targets for Fullerene Derivatives. Journal of Biomedical Nanotechnology, 2011, 7, 91-92.	0.5	4
54	Toxicity Assessment of Engineered Nanomaterials: Resolving the Challenges. Journal of Biomedical Nanotechnology, 2011, 7, 6-7.	0.5	16

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55	Titanium Dioxide Nanoparticles Induce Oxidative Stress-Mediated Apoptosis in Human Keratinocyte Cells. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 100-101.	0.5	80
56	Chromium Oxide Nano-Particles Induce Stress in Bacteria: Probing Cell Viability. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 166-167.	0.5	15
57	Cytotoxicity and Genotoxicity Property of Hydroxyapatite-Mullite Eluates. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 74-75.	0.5	12
58	Toxicity Evaluation of Carbon Nanotubes in Normal Human Bronchial Epithelial Cells. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 108-109.	0.5	13
59	The Need for Novel Approaches in Ecotoxicity of Engineered Nanomaterials. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 79-80.	0.5	18
60	Guidance for Safe Handling of Nanomaterials. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 218-224.	0.5	41
61	Engineered ZnO and TiO <sub>2</sub> nanoparticles induce oxidative stress and DNA damage leading to reduced viability of <i>Escherichia coli</i> . <i>Free Radical Biology and Medicine</i> , 2011, 51, 1872-1881.	1.3	410
62	Cellular uptake and mutagenic potential of metal oxide nanoparticles in bacterial cells. <i>Chemosphere</i> , 2011, 83, 1124-1132.	4.2	210
63	Determination of Internalization of Chromium Oxide Nano-Particles in <i>Escherichia coli</i> by Flow Cytometry. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 168-169.	0.5	14
64	A flow cytometric method to assess nanoparticle uptake in bacteria. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 707-712.	1.1	65
65	C <sub>60</sub> -Fullerene Binds with the ATP Binding Domain of Human DNA Topoisomerase II Alpha. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 177-178.	0.5	29
66	Zinc Oxide Nanoparticles Induce Oxidative Stress and Genotoxicity in Human Liver Cells (HepG2). <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 98-99.	0.5	120
67	Toxicity of Graphene in Normal Human Lung Cells (BEAS-2B). <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 106-107.	0.5	141
68	Interaction of C <sub>60</sub> Fullerene with the Proteins Involved in DNA Mismatch Repair Pathway. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 179-180.	0.5	19
69	Zinc Oxide Nanoparticle Induced Genotoxicity in Primary Human Epidermal Keratinocytes. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3782-3788.	0.9	145
70	Citrinin-Generated Reactive Oxygen Species Cause Cell Cycle Arrest Leading to Apoptosis via the Intrinsic Mitochondrial Pathway in Mouse Skin. <i>Toxicological Sciences</i> , 2011, 122, 557-566.	1.4	68
71	NanoLINEN: Nanotoxicology Link Between India and European Nations. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 203-204.	0.5	0
72	Expression profiling of toxicity pathway genes by real-time PCR array in cypermethrin-exposed mouse brain. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 193-199.	1.3	15

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73	Cellular Response to Metal Oxide Nanoparticles in Bacteria. Journal of Biomedical Nanotechnology, 2011, 7, 102-103.	0.5	18
74	Stable Metal Oxide Nanoparticle Formulation for Toxicity Studies. Journal of Biomedical Nanotechnology, 2011, 7, 104-105.	0.5	2
75	Toxicity assessment of nanomaterials: methods and challenges. Analytical and Bioanalytical Chemistry, 2010, 398, 589-605.	1.9	405
76	Bacterial Synthesis of Photocatalytically Active and Biocompatible TiO <sub>2</sub> and ZnO Nanoparticles. International Journal of Green Nanotechnology: Physics and Chemistry, 2010, 2, P80-P99.	1.5	11
77	Cytotoxic and genotoxic assessment of glycolipid-reduced and -capped gold and silver nanoparticles. New Journal of Chemistry, 2010, 34, 294-301.	1.4	87
78	Facile synthesis of nanostructured hydroxyapatite/titania bio-implant scaffolds with different morphologies: their bioactivity and corrosion behaviour. Journal of Materials Chemistry, 2010, 20, 4949.	6.7	12
79	In silico studies with human DNA topoisomerase-II alpha to unravel the mechanism of in vitro genotoxicity of benzene and its metabolites. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 661, 57-70.	0.4	37
80	DNA integrity and semen quality in men with low seminal antioxidant levels. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 665, 29-36.	0.4	76
81	Patulin causes DNA damage leading to cell cycle arrest and apoptosis through modulation of Bax, p53 and p21/WAF1 proteins in skin of mice. Toxicology and Applied Pharmacology, 2009, 234, 192-201.	1.3	75
82	Comet assay: a reliable tool for the assessment of DNA damage in different models. Cell Biology and Toxicology, 2009, 25, 5-32.	2.4	318
83	Nanomaterials: A challenge for toxicologists. Nanotoxicology, 2009, 3, 1-9.	1.6	143
84	Assessment of methyl thiophanate/Cu (II) induced DNA damage in human lymphocytes. Toxicology in Vitro, 2009, 23, 848-854.	1.1	45
85	DNA damaging potential of zinc oxide nanoparticles in human epidermal cells. Toxicology Letters, 2009, 185, 211-218.	0.4	526
86	DNA damage induced by industrial solid waste leachates in <i>Drosophila melanogaster</i> : A mechanistic approach. Environmental and Molecular Mutagenesis, 2008, 49, 206-216.	0.9	23
87	Multipronged evaluation of genotoxicity in Indian petrol pump workers. Environmental and Molecular Mutagenesis, 2008, 49, 695-707.	0.9	34
88	Responsiveness of cerebral and hepatic cytochrome P450s in rat offspring prenatally exposed to lindane. Toxicology and Applied Pharmacology, 2008, 231, 10-16.	1.3	14
89	Bacterial synthesis of silicon/silica nanocomposites. Journal of Materials Chemistry, 2008, 18, 2601.	6.7	57
90	Persistence in Alterations in the Ontogeny of Cerebral and Hepatic Cytochrome P450s following Prenatal Exposure to Low Doses of Lindane. Toxicological Sciences, 2008, 101, 331-340.	1.4	21

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91	In vitro induction of cytotoxicity and DNA strand breaks in CHO cells exposed to cypermethrin, pendimethalin and dichlorvos. <i>Toxicology in Vitro</i> , 2007, 21, 1409-1418.	1.1	71
92	DNA damage induced in human peripheral blood lymphocytes by industrial solid waste and municipal sludge leachates. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 30-37.	0.9	58
93	Overexpression of cerebral and hepatic cytochrome P450s alters behavioral activity of rat offspring following prenatal exposure to lindane. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 278-292.	1.3	25
94	Differences in the expression and inducibility of cytochrome P450 2B isoenzymes in cultured rat brain neuronal and glial cells. <i>Molecular and Cellular Biochemistry</i> , 2007, 305, 199-207.	1.4	8
95	Protective effect of bioantioxidants on argemone oil/sanguinarine alkaloid induced genotoxicity in mice. <i>Cancer Letters</i> , 2006, 244, 109-118.	3.2	18
96	Stable Colloidal Dispersions of C60 Fullerenes in Water: Evidence for Genotoxicity. <i>Environmental Science &amp; Technology</i> , 2006, 40, 7394-7401.	4.6	264
97	Differences in sensitivity of cultured rat brain neuronal and glial cytochrome P450 2E1 to ethanol. <i>Life Sciences</i> , 2006, 79, 1514-1522.	2.0	35
98	Evidence for cytochrome P450 3A expression and catalytic activity in rat blood lymphocytes. <i>Life Sciences</i> , 2006, 79, 1729-1735.	2.0	15
99	Cytochrome P450 1A isoenzymes in brain cells: Expression and inducibility in cultured rat brain neuronal and glial cells. <i>Life Sciences</i> , 2006, 79, 2387-2394.	2.0	18
100	Cypermethrin-induced DNA damage in organs and tissues of the mouse: Evidence from the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 607, 176-183.	0.9	100
101	Cytochrome P4503A: Evidence for mRNA expression and catalytic activity in rat brain. <i>Molecular and Cellular Biochemistry</i> , 2006, 287, 91-99.	1.4	12
102	Expression of constitutive and inducible cytochrome P450 2E1 in rat brain. <i>Molecular and Cellular Biochemistry</i> , 2006, 286, 171-180.	1.4	39
103	Long lasting effects of prenatal exposure to deltamethrin on cerebral and hepatic cytochrome P450s and behavioral activity in rat offspring. <i>European Journal of Pharmacology</i> , 2006, 544, 58-68.	1.7	35
104	Effect of prenatal exposure of deltamethrin on the ontogeny of xenobiotic metabolizing cytochrome P450s in the brain and liver of offsprings. <i>Toxicology and Applied Pharmacology</i> , 2006, 214, 279-289.	1.3	26
105	Regional specificity in deltamethrin induced cytochrome P450 expression in rat brain. <i>Toxicology and Applied Pharmacology</i> , 2006, 217, 15-24.	1.3	19
106	DNA damage in lymphocytes of Indian rickshaw pullers as measured by the alkaline comet assay. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 25-30.	0.9	12
107	DNA damage in bone marrow and blood cells of mice exposed to municipal sludge leachates. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 271-276.	0.9	13
108	In vivo genotoxic effects of industrial waste leachates in mice following oral exposure. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 325-333.	0.9	29

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109	Evaluation of the alkaline Comet assay conducted with the wetlands plant <i>Bacopa monnieri</i> L. as a model for ecogenotoxicity assessment. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 483-489.	0.9	20
110	DNA damage and mutagenicity induced by endosulfan and its metabolites. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 682-692.	0.9	75
111	Induction of P53, P21/Waf1, ornithine decarboxylase activity, and DNA damage leading to cell-cycle arrest and apoptosis following topical application of repeated fish fried oil extract to mice. <i>Molecular Carcinogenesis</i> , 2006, 45, 805-813.	1.3	9
112	Response of Selected Genes of <i>Burkholderia xenovorans</i> Strain LB400 to Onion Extract Using A DNA:RNA Hybrid Capture Detection System. <i>Research Journal of Microbiology</i> , 2006, 1, 378-391.	0.2	1
113	DNA damage in lymphocytes of rural Indian women exposed to biomass fuel smoke as assessed by the Comet assay. <i>Environmental and Molecular Mutagenesis</i> , 2005, 45, 435-441.	0.9	40
114	Genotoxicity of industrial solid waste leachates in <i>Drosophila melanogaster</i> . <i>Environmental and Molecular Mutagenesis</i> , 2005, 46, 189-197.	0.9	53
115	Correlation of DNA damage in epidemic dropsy patients to carcinogenic potential of argemone oil and isolated sanguinarine alkaloid in mice. <i>International Journal of Cancer</i> , 2005, 117, 709-717.	2.3	49
116	Current Status of Short-Term Tests for Evaluation of Genotoxicity, Mutagenicity, and Carcinogenicity of Environmental Chemicals and NCEs. <i>Toxicology Mechanisms and Methods</i> , 2005, 15, 155-180.	1.3	31
117	Validation of <i>Drosophila melanogaster</i> as an in vivo model for genotoxicity assessment using modified alkaline Comet assay. <i>Mutagenesis</i> , 2005, 20, 285-290.	1.0	98
118	Comet assay responses in human lymphocytes are not influenced by the menstrual cycle: a study in healthy Indian females. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 565, 163-172.	0.9	69
119	Evidence for cytochrome P450 2E1 catalytic activity and expression in rat blood lymphocytes. <i>Life Sciences</i> , 2005, 77, 1082-1093.	2.0	21
120	In vivo DNA damaging potential of sanguinarine alkaloid, isolated from argemone oil, using alkaline Comet assay in mice. <i>Food and Chemical Toxicology</i> , 2005, 43, 147-153.	1.8	53
121	Evaluation of in vivo genotoxicity of cypermethrin in <i>Drosophila melanogaster</i> using the alkaline Comet assay. <i>Mutagenesis</i> , 2004, 19, 85-90.	1.0	133
122	Unequivocal evidence of genotoxic potential of argemone oil in mice. <i>International Journal of Cancer</i> , 2004, 112, 890-895.	2.3	41
123	Aneugenic and clastogenic effects of doxorubicin in human lymphocytes. <i>Mutagenesis</i> , 2003, 18, 487-490.	1.0	57
124	Evaluation of EMS-induced DNA damage in the single cell gel electrophoresis (Comet) assay and with flow cytometric analysis of micronuclei. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 1-11.	0.8	21
125	Effect of pretreatment of cytochrome P450 (P450) modifiers on neurobehavioral toxicity induced by deltamethrin. <i>Food and Chemical Toxicology</i> , 2003, 41, 431-437.	1.8	36
126	Effect of lindane on hepatic and brain cytochrome P450s and influence of P450 modulation in lindane induced neurotoxicity. <i>Food and Chemical Toxicology</i> , 2003, 41, 1077-1087.	1.8	37



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127	Cytochrome P450 2E1 dependent catalytic activity and lipid peroxidation in rat blood lymphocytes. Life Sciences, 2002, 71, 2509-2519.	2.0	21
128	Evaluation of the antigenotoxic potential of monomeric and dimeric flavanols, and black tea polyphenols against heterocyclic amine-induced DNA damage in human lymphocytes using the Comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 515, 39-56.	0.9	59
129	Gender-related differences in basal DNA damage in lymphocytes of a healthy Indian population using the alkaline Comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 520, 83-91.	0.9	97
130	Cytochrome P450 1A1 (CYP1A1) in blood lymphocytes Evidence for catalytic activity and mRNA expression. Life Sciences, 2001, 69, 383-393.	2.0	38
131	Induction of rat brain cytochrome P450s (P450s) by deltamethrin: Regional specificity and correlation with neurobehavioral toxicity. Neurotoxicity Research, 2001, 3, 351-357.	1.3	23
132	Effect of antioxidant flavonoids and a food mutagen on lymphocytes of a thalassemia patient without chelation therapy in the Comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 2001, 21, 165-174.	0.8	11
133	The effect of smoking and eating habits on DNA damage in Indian population as measured in the Comet assay. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 474, 121-128.	0.4	95
134	Cytochrome P450 (P450) isoenzyme specific dealkylation of alkoxyresorufins in rat brain microsomes. Molecular and Cellular Biochemistry, 1999, 200, 169-176.	1.4	15
135	Induction of rat brain and liver cytochrome P450 1A1/1A2 and 2B1/2B2 isoenzymes by deltamethrin. Environmental Toxicology and Pharmacology, 1999, 7, 169-178.	2.0	28
136	Evidence for O-dealkylation of 7-pentoxoresorufin by cytochrome P450 2B1/2B2 isoenzymes in brain. Molecular and Cellular Biochemistry, 1998, 189, 201-205.	1.4	19
137	Immunochemical and Biochemical Evidence for Expression of Phenobarbital-and 3-Methylcholanthrene-Inducible Isoenzymes of Cytochrome P450 in Rat Brain. International Journal of Toxicology, 1998, 17, 619-630.	0.6	20
138	An investigation of bone marrow and testicular cells in vivo using the comet assay. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 370, 159-174.	1.2	33
139	Cytochrome P-450 dependent monooxygenases in neuronal and glial cells: Inducibility and specificity. Biochemical and Biophysical Research Communications, 1990, 170, 441-447.	1.0	16
140	Cytochrome P-450 Catalyzed Reactions In Brain. , 1990, , 133-146.		1
141	Characterization of cerebral 7-ethoxycoumarin-O-deethylase: Evidence for multiplicity of cytochrome P450 in brain. Biochemical Medicine and Metabolic Biology, 1989, 41, 184-192.	0.7	9