

# Suryanarayana V Vulimiri

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

717  
citations

623734

14  
h-index

610901

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1053  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Role of Cytochrome P450 1a1 and 1b1 in the Metabolic Activation of 7,12-Dimethylbenz[a]anthracene and the Effects of Naturally Occurring Furanocoumarins on Skin Tumor Initiation. <i>Chemical Research in Toxicology</i> , 2002, 15, 226-235. | 3.3  | 88        |
| 2  | Effects of Mainstream Cigarette Smoke on the Global Metabolome of Human Lung Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2009, 22, 492-503.   | 3.3  | 78        |
| 3  | Role of Cytochrome P450 Family Members in the Metabolic Activation of Polycyclic Aromatic Hydrocarbons in Mouse Epidermis. <i>Chemical Research in Toxicology</i> , 2004, 17, 1667-1674.   | 3.3  | 70        |
| 4  | Analysis of aromatic DNA adducts and 7,8-dihydro-8-oxo-2'-deoxyguanosine in lymphocyte DNA from a case-control study of lung cancer involving minority populations. , 2000, 27, 34-46.   |      | 65        |
| 5  | Oral administration of the citrus coumarin, isopimpinellin, blocks DNA adduct formation and skin tumor initiation by 7,12-dimethylbenz[a]anthracene in SENCAR mice. <i>Carcinogenesis</i> , 2002, 23, 1667-1675.                               | 2.8  | 55        |
| 6  | Carcinogenicity of ethylene oxide: key findings and scientific issues. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 386-396.   | 2.7  | 47        |
| 7  | Characterization of a major aromatic DNA adduct detected in human breast tissues. <i>Environmental and Molecular Mutagenesis</i> , 2002, 39, 193-200.  | 2.2  | 37        |
| 8  | The effect of plant phenolics on the formation of 7,12-dimethylbenz[a]anthracene-DNA adducts and TPA-stimulated polymorphonuclear neutrophils chemiluminescence in vitro. <i>Toxicology</i> , 2003, 189, 199-209.                              | 4.2  | 36        |
| 9  | High levels of oxidative DNA damage in lymphocyte DNA of premenopausal breast cancer patients from Egypt. <i>International Journal of Environmental Health Research</i> , 2004, 14, 121-134.   | 2.7  | 28        |
| 10 | The use of genetically modified mice in cancer risk assessment: Challenges and limitations. <i>Critical Reviews in Toxicology</i> , 2013, 43, 611-631.   | 3.9  | 24        |
| 11 | Circadian rhythm of covalent modifications in liver DNA. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 545-550.  | 2.1  | 20        |
| 12 | The potential of metabolomic approaches for investigating mode(s) of action of xenobiotics: Case study with carbon tetrachloride. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 722, 147-153.            | 1.7  | 19        |
| 13 | Health Effects of Naphthalene Exposure: A Systematic Evidence Map and Analysis of Potential Considerations for Dose-Response Evaluation. <i>Environmental Health Perspectives</i> , 2021, 129, 76002.  | 6.0  | 19        |
| 14 | Association of body burden of mercury with liver function test status in the U.S. population. <i>Environment International</i> , 2014, 70, 88-94.  | 10.0 | 18        |
| 15 | Application of systematic evidence mapping to assess the impact of new research when updating health reference values: A case example using acrolein. <i>Environment International</i> , 2020, 143, 105956.                                    | 10.0 | 16        |
| 16 | Genotoxicity biomarkers. , 2014, , 729-742.  |      | 14        |
| 17 | Dose-response analysis of bromate-induced DNA damage and mutagenicity is consistent with low-dose linear, nonthreshold processes. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 19-35.  | 2.2  | 13        |
| 18 | 32P-Postlabeling of bile components: bulky adduct-like behavior in polyethyleneimine-cellulose thin layer chromatography. <i>Carcinogenesis</i> , 1994, 15, 2061-2064.   | 2.8  | 10        |

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|----|--|-----|-----------|
| 19 | High levels of endogenous DNA adducts (I-compounds) in pig liver. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 422, 297-311.                                   | 1.0 | 10        |
| 20 | Analysis of aromatic DNA adducts and 7,8-dihydro-8-oxo-2'-deoxyguanosine in lymphocyte DNA from a case-control study of lung cancer involving minority populations. , 2000, 27, 330-330.         |     | 10        |
| 21 | Rapid decreases in indigenous covalent DNA modifications (I-compounds) of male Fischer-344 rat liver DNA by diquat treatment. Chemico-Biological Interactions, 1995, 95, 1-16.                   | 4.0 | 6         |
| 22 | Characterization of the major DNA adducts in the liver of rats chronically exposed to tamoxifen for 18 months. Chemico-Biological Interactions, 2000, 126, 33-43.                                | 4.0 | 6         |
| 23 | Laboratory to Community: Chemoprevention Is the Answer. Cancer Prevention Research, 2014, 7, 648-652.  | 1.5 | 6         |
| 24 | Analysis of 7-methylbenz[a]anthracene-DNA adducts formed in SENCAR mouse epidermis by 32P-postlabeling. Carcinogenesis, 1997, 18, 523-529.   | 2.8 | 5         |
| 25 | A framework and case studies for evaluation of enzyme ontogeny in children's health risk evaluation. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 569-593. | 2.3 | 5         |
| 26 | Reproductive and Developmental Toxicity of Solvents and Gases. , 2017, , 379-396.  |     | 4         |
| 27 | Analysis of Highly Polar DNA Adducts Formed in SENCAR Mouse Epidermis Following Topical Application of Dibenz[a,j]anthracene. Chemical Research in Toxicology, 1999, 12, 60-67.                  | 3.3 | 3         |
| 28 | Reproductive and developmental toxicology: toxic solvents and gases. , 2011, , 303-315.  |     | 3         |
| 29 | Partial characterization of two major liver I-compounds as unstable adducts which are readily hydrolyzed to unmodified guanine nucleotides. Carcinogenesis, 1998, 19, 1863-1866.                 | 2.8 | 1         |
| 30 | DNA adducts as biomarkers of DNA damage in lung cancer. , 2002, , .  |     | 1         |
| 31 | Introduction: Special Issue on Transplacental/Transgenerational Mutagenesis and Carcinogenesis. Environmental and Molecular Mutagenesis, 2019, 60, 392-394.                                      | 2.2 | 0         |