

# Sailaja V Elchuri

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,293  
citations

567281

15  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2248  
citing authors

#	ARTICLE	IF	CITATIONS
1	CuZnSOD deficiency leads to persistent and widespread oxidative damage and hepatocarcinogenesis later in life. <i>Oncogene</i> , 2005, 24, 367-380.	5.9	564
2	Genetic modifiers of the phenotype of mice deficient in mitochondrial superoxide dismutase. <i>Human Molecular Genetics</i> , 2006, 15, 1187-1194.	2.9	168
3	Genomic and Proteomic Analysis Reveals a Threshold Level of MYC Required for Tumor Maintenance. <i>Cancer Research</i> , 2008, 68, 5132-5142.	0.9	87
4	Target-specific delivery of doxorubicin to retinoblastoma using epithelial cell adhesion molecule aptamer. <i>Molecular Vision</i> , 2012, 18, 2783-95.	1.1	51
5	Electron microscopy localization and characterization of functionalized composite organic-inorganic SERS nanoparticles on leukemia cells. <i>Ultramicroscopy</i> , 2008, 109, 111-121.	1.9	48
6	Identification of biomarkers associated with the development of hepatocellular carcinoma in CuZn superoxide dismutase deficient mice. <i>Proteomics</i> , 2007, 7, 2121-2129.	2.2	41
7	A Novel Method for Detection of Phosphorylation in Single Cells by Surface Enhanced Raman Scattering (SERS) using Composite Organic-Inorganic Nanoparticles (COINs). <i>PLoS ONE</i> , 2009, 4, e5206.	2.5	39
8	Bio-conjugation of antioxidant peptide on surface-modified gold nanoparticles: a novel approach to enhance the radical scavenging property in cancer cell. <i>Cancer Nanotechnology</i> , 2016, 7, 1.	3.7	35
9	Selective neuronal vulnerability and inadequate stress response in superoxide dismutase mutant mice. <i>Free Radical Biology and Medicine</i> , 2005, 38, 817-828.	2.9	31
10	Proteomic profiling of retinoblastoma by high resolution mass spectrometry. <i>Clinical Proteomics</i> , 2016, 13, 29.	2.1	30
11	Effect of the reduction of superoxide dismutase 1 and 2 or treatment with $\hat{\alpha}$ -tocopherol on tumorigenesis in Atm-deficient mice. <i>Free Radical Biology and Medicine</i> , 2006, 41, 590-600.	2.9	27
12	Non-coding and Coding Transcriptional Profiles Are Significantly Altered in Pediatric Retinoblastoma Tumors. <i>Frontiers in Oncology</i> , 2019, 9, 221.	2.8	27
13	Targeted Expression of Suicide Gene by Tissue-Specific Promoter and MicroRNA Regulation for Cancer Gene Therapy. <i>PLoS ONE</i> , 2013, 8, e83398.	2.5	24
14	Synthesis and characterization of surface-enhanced Raman-scattered gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 4327.	6.7	22
15	Characterization and Molecular Mechanism of Peptide-Conjugated Gold Nanoparticle Inhibiting p53-HDM2 Interaction in Retinoblastoma. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 9, 349-364.	5.1	17
16	Molecular Materials through Microdroplets: Synthesis of Protein-Protected Luminescent Clusters of Noble Metals. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4554-4563.	6.7	14
17	Monitoring of changes in lipid profiles during PLK1 knockdown in cancer cells using DESI MS. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5623-5632.	3.7	11
18	Metabolite systems profiling identifies exploitable weaknesses in retinoblastoma. <i>FEBS Letters</i> , 2019, 593, 23-41.	2.8	11

#	ARTICLE	IF	CITATIONS
19	RNA-Sequencing of Primary Retinoblastoma Tumors Provides New Insights and Challenges Into Tumor Development. <i>Frontiers in Genetics</i> , 2018, 9, 170.	2.3	10
20	Raman labeled nanoparticles: characterization of variability and improved method for unmixing. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 895-905.	2.5	8
21	Identification of effective substrates for the direct analysis of lipids from cell lines using desorption electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 349-356.	1.5	7
22	Probing the effect of matrix stiffness in endocytic signalling pathway of corneal epithelium. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 280-285.	2.1	6
23	A Comparative Fluorescent Beacon-based Method for Serum microRNA Quantification. <i>Analytical Sciences</i> , 2015, 31, 231-235.	1.6	5
24	Vallabhaneni Sita Rama Das, 1933â€“2010: teacher and mentor. <i>Photosynthesis Research</i> , 2016, 128, 109-115.	2.9	4
25	Arsenic Toxicity: Carbonateâ€™s Counteraction Revealed. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5067-5075.	6.7	2
26	Graphitic Carbon Nitride Causes Widespread Global Molecular Changes in Epithelial and Fibroblast Cells. <i>ACS Omega</i> , 2021, 6, 9368-9380.	3.5	2
27	Assessment of single nucleotide polymorphisms associated with steroid-induced ocular hypertension. <i>International Journal of Ophthalmology</i> , 2020, 13, 1294-1305.	1.1	1