

# Jyotshna Kanungo

## List of Publications by Year in descending order

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33  
papers

835  
citations

471509

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477307

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33  
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33  
docs citations

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times ranked

1138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zebrafish Model in Drug Safety Assessment. <i>Current Pharmaceutical Design</i> , 2014, 20, 5416-5429.	1.9	89
2	Cdk5 Modulation of Mitogen-activated Protein Kinase Signaling Regulates Neuronal Survival. <i>Molecular Biology of the Cell</i> , 2007, 18, 404-413.	2.1	76
3	Developmental toxicity assay using high content screening of zebrafish embryos. <i>Journal of Applied Toxicology</i> , 2015, 35, 261-272.	2.8	67
4	Ketamine induces motor neuron toxicity and alters neurogenic and proneural gene expression in zebrafish. <i>Journal of Applied Toxicology</i> , 2013, 33, 410-417.	2.8	62
5	Advancing toxicology research using in vivo high throughput toxicology with small fish models. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016, 33, 435-452.	1.5	48
6	Acetyl l-carnitine protects motor neurons and Rohon-Beard sensory neurons against ketamine-induced neurotoxicity in zebrafish embryos. <i>Neurotoxicology and Teratology</i> , 2013, 39, 69-76.	2.4	46
7	Porcine brain microvessel endothelial cells show pro-inflammatory response to the size and composition of metallic nanoparticles. <i>Drug Metabolism Reviews</i> , 2014, 46, 224-231.	3.6	46
8	Downregulation of 14-3-3 Proteins in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 32-40.	4.0	38
9	In vivo imaging and quantitative analysis of changes in axon length using transgenic zebrafish embryos. <i>Neurotoxicology and Teratology</i> , 2011, 33, 618-623.	2.4	36
10	l-Carnitine rescues ketamine-induced attenuated heart rate and MAPK (ERK) activity in zebrafish embryos. <i>Reproductive Toxicology</i> , 2012, 33, 205-212.	2.9	35
11	Ketamine attenuates cytochrome p450 aromatase gene expression and estradiol levels in zebrafish early life stages. <i>Journal of Applied Toxicology</i> , 2014, 34, 480-488.	2.8	30
12	Distinct effects of ketamine and acetyl l-carnitine on the dopamine system in zebrafish. <i>Neurotoxicology and Teratology</i> , 2016, 54, 52-60.	2.4	28
13	DNA-dependent protein kinase and DNA repair: relevance to Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 13.	6.2	27
14	Nicotine alters the expression of molecular markers of endocrine disruption in zebrafish. <i>Neuroscience Letters</i> , 2012, 526, 133-137.	2.1	25
15	Downregulation of 14-3-3 Proteins in a Kainic Acid-Induced Neurotoxicity Model. <i>Molecular Neurobiology</i> , 2018, 55, 122-129.	4.0	20
16	Cyclosporine exacerbates ketamine toxicity in zebrafish: Mechanistic studies on drug-drug interaction. <i>Journal of Applied Toxicology</i> , 2017, 37, 1438-1447.	2.8	20
17	Opposing effects of ketamine and acetyl l-carnitine on the serotonergic system of zebrafish. <i>Neuroscience Letters</i> , 2015, 607, 17-22.	2.1	19
18	Retinoic Acid Signaling in P19 Stem Cell Differentiation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1184-1198.	1.7	18

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19	Acetyl L-carnitine targets adenosine triphosphate synthase in protecting zebrafish embryos from toxicities induced by verapamil and ketamine: An <i>in vivo</i> assessment. <i>Journal of Applied Toxicology</i> , 2017, 37, 192-200.	2.8	17
20	Mechanistic studies on ketamine-induced mitochondrial toxicity in zebrafish embryos. <i>Neurotoxicology and Teratology</i> , 2018, 69, 63-72.	2.4	17
21	N-acetylcysteine prevents ketamine-induced adverse effects on development, heart rate and monoaminergic neurons in zebrafish. <i>Neuroscience Letters</i> , 2018, 682, 56-61.	2.1	14
22	Ketamine-induced attenuation of reactive oxygen species in zebrafish is prevented by acetyl L-carnitine <i>in vivo</i> . <i>Neuroscience Letters</i> , 2019, 706, 36-42.	2.1	13
23	Autoimmunity to RNA polymerase II is focused at the carboxyl terminal domain of the large subunit. <i>Arthritis and Rheumatism</i> , 1996, 39, 1886-1891.	6.7	6
24	Antidepressant Actions of Ketamine: Potential Role of L-Type Calcium Channels. <i>Chemical Research in Toxicology</i> , 2021, 34, 1198-1207.	3.3	6
25	Disruption of blastomeric F-actin: a potential early biomarker of developmental toxicity in zebrafish. <i>Molecular and Cellular Biochemistry</i> , 2011, 353, 283-290.	3.1	5
26	Exogenously expressed human Ku70 stabilizes Ku80 in <i>Xenopus</i> oocytes and induces heterologous DNA-PK catalytic activity. <i>Molecular and Cellular Biochemistry</i> , 2010, 338, 291-298.	3.1	4
27	Menin induces endodermal differentiation in aggregated P19 stem cells by modulating the retinoic acid receptors. <i>Molecular and Cellular Biochemistry</i> , 2012, 359, 95-104.	3.1	4
28	Nifedipine toxicity is exacerbated by acetyl L-carnitine but alleviated by low-dose ketamine in zebrafish <i>in vivo</i> . <i>Journal of Applied Toxicology</i> , 2020, 40, 257-269.	2.8	4
29	Effect of ketamine on gene expression in zebrafish embryos. <i>Journal of Applied Toxicology</i> , 2021, 41, 2083-2089.	2.8	4
30	Puromycin-resistant lentiviral control shRNA vector, pLKO.1 induces unexpected cellular differentiation of P19 embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 481-485.	2.1	3
31	N-acetylcysteine prevents verapamil-induced cardiotoxicity with no effect on the noradrenergic arch-associated neurons in zebrafish. <i>Food and Chemical Toxicology</i> , 2020, 144, 111559.	3.6	3
32	Effects of acetyl L-carnitine on zebrafish embryos: Phenotypic and gene expression studies. <i>Journal of Applied Toxicology</i> , 2021, 41, 256-264.	2.8	3
33	Tumor Suppressors and Endodermal Differentiation of P19 Embryonic Stem Cells. <i>Cell &amp; Developmental Biology</i> , 2015, 04, .	0.3	2