

Suresh Balakrishnan

List of Publications by Year in descending order

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papers

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Evaluating the Ameliorative Potential of Quercetin against the Bleomycin-Induced Pulmonary Fibrosis in Wistar Rats. <i>Pulmonary Medicine</i> , 2013, 2013, 1-10.	1.9	67
2	Embryotoxic and teratogenic effects of pesticides in chick embryos: A comparative study using two commercial formulations. <i>Environmental Toxicology</i> , 2012, 27, 166-174.	4.0	36
3	Inhibition of BMP signaling reduces MMP-2 and MMP-9 expression and obstructs wound healing in regenerating fin of teleost fish <i>Poecilia latipinna</i> . <i>Fish Physiology and Biochemistry</i> , 2016, 42, 787-794.	2.3	18
4	Evaluating the inhibitory potential of sulindac against the bleomycin-induced pulmonary fibrosis in wistar rats. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 769-778.	4.0	16
5	3-aminomethyl pyridine chalcone derivatives: Design, synthesis, DNA binding and cytotoxic studies. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1279-1287.	3.2	15
6	Protein expression pattern and analysis of differentially expressed peptides during various stages of tail regeneration in <i>Hemidactylus flaviviridis</i> . <i>Mechanisms of Development</i> , 2018, 150, 1-9.	1.7	15
7	BMP signaling regulates the skeletal and connective tissue differentiation during caudal fin regeneration in sailfin molly (<i>Poecilia latipinna</i>). <i>Development Growth and Differentiation</i> , 2017, 59, 629-638.	1.5	11
8	A synthetic coumarin derivative (4-fluorophenylacetamide-acetyl coumarin) impedes cell cycle at G0/G1 stage, induces apoptosis, and inhibits metastasis via ROS-mediated p53 and AKT signaling pathways in A549 cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22553.	3.0	11
9	Anticancer Activity and DNA Binding Studies of Novel 3,7-Disubstituted Benzopyrones. <i>ChemistrySelect</i> , 2017, 2, 147-153.	1.5	10
10	Inhibition of Cyclooxygenase-2 Alters Wnt/ β -Catenin Signaling in the Regenerating Tail of Lizard <i>Hemidactylus flaviviridis</i> . <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 171-178.	3.7	10
11	Variation in expression and activity pattern of <i>mmp2</i> and <i>mmp9</i> on different time scales in the regenerating caudal fin of <i>Poecilia latipinna</i> . <i>Journal of Fish Biology</i> , 2018, 92, 1604-1619.	1.6	10
12	COX-2 activity and expression pattern during regenerative wound healing of tail in lizard <i>Hemidactylus flaviviridis</i> . <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 135, 11-15.	1.9	9
13	Genotoxic effects of two different classes of insecticide in developing chick embryos. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 992-1005.	1.2	8
14	1,2-Benzisoxazole-3-acetamide derivatives as dual agents for DPP-IV inhibition and anticancer activity. <i>Synthetic Communications</i> , 2018, 48, 2877-2887.	2.1	8
15	Inherent variations in the cellular events at the site of amputation orchestrate scar-free wound healing in the tail and scarred wound healing in the limb of lizard <i>Hemidactylus flaviviridis</i> . <i>Wound Repair and Regeneration</i> , 2018, 26, 366-380.	3.0	7
16	Temporal Expression Pattern of Peptides in the Regenerating Caudal Fin of Teleost Fish <i>Poecilia latipinna</i> With Special Emphasis on <i>krt15</i> and <i>myl-1</i> . <i>European Journal of Experimental Biology</i> , 2017, 07, .	0.3	6
17	Site-specific variation in the activity of COX-2 alters the pattern of wound healing in the tail and limb of northern house gecko by differentially regulating the expression of local inflammatory mediators. <i>Zoology</i> , 2021, 148, 125947.	1.2	5
18	De Novo Transcriptome Sequencing and Analysis of Differential Gene Expression among Various Stages of Tail Regeneration in <i>Hemidactylus flaviviridis</i> . <i>Journal of Developmental Biology</i> , 2022, 10, 24.	1.7	5

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19	Exposure to sub-lethal dose of a combination insecticide during early embryogenesis influences the normal patterning of mesoderm resulting in incomplete closure of ventral body wall of chicks of domestic hen. <i>Toxicology Reports</i> , 2018, 5, 302-308.	3.3	4
20	Fibroblast growth factor-2 signaling modulates matrix reorganization and cell cycle turnover rate in the regenerating tail of <i>Hemidactylus flaviviridis</i> . <i>Acta Histochemica</i> , 2020, 122, 151464.	1.8	4
21	Early embryonic exposure to chlorpyrifos and cypermethrin combination induces pattern deficits in the heart of domestic hen. <i>Environmental Toxicology</i> , 2021, 36, 707-721.	4.0	4
22	Inhibition of Cyclooxygenase-2 Alters Craniofacial Patterning during Early Embryonic Development of Chick. <i>Journal of Developmental Biology</i> , 2021, 9, 16.	1.7	4
23	Ethogram of courtship and mating behaviour of <i>Sitana cf. ponticeriana</i> (Reptilia: <i>Draconinae</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.2	4
24	Chick embryonic cells as a source for generating in vitro model of muscle cell dystrophy. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 756-769.	1.5	3
25	Cyclooxygenase-2 interacts with MMP and FGF pathways to promote epimorphic regeneration in lizard <i>Hemidactylus flaviviridis</i> . <i>Growth Factors</i> , 2018, 36, 69-77.	1.7	3
26	Regeneration of caudal fin in <i>Poecilia latipinna</i> : Insights into the progressive tissue morphogenesis. <i>Organogenesis</i> , 2019, 15, 35-42.	1.2	3
27	A combination insecticide at sub-lethal dose debilitated the expression pattern of crucial signalling molecules that facilitate craniofacial patterning in domestic chick <i>Gallus domesticus</i> . <i>Neurotoxicology and Teratology</i> , 2019, 76, 106836.	2.4	3
28	Synthesis and studies of flavone and bis-flavone derivatives. <i>Synthetic Communications</i> , 2020, 50, 2502-2510.	2.1	3
29	Ablation of BMP signaling hampers the blastema formation in <i>Poecilia latipinna</i> by dysregulating the extracellular matrix remodeling and cell cycle turnover. <i>Zoology</i> , 2019, 133, 17-26.	1.2	2
30	Evaluation of multikinase inhibitor LDN193189 induced hepatotoxicity in teleost fish <i>Poecilia latipinna</i> . <i>Drug and Chemical Toxicology</i> , 2019, 42, 565-576.	2.3	2
31	New insights into the obligatory nature of cyclooxygenase-2 and PGE2 during early chick embryogenesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158889.	2.4	2
32	Fluoride induced changes during lizard tail regeneration. <i>Cell Differentiation and Development</i> , 1989, 27, 44.	0.4	0
33	Investigation of centrally and peripherally acting analgesic and anti-inflammatory activity of BIRM (An) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> and <i>Clinical Pharmacology</i> , 2015, , 1.	0.1	0