

# Dinesh Kumar Srinivasan

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,531  
citations

186209

28  
h-index

197736

49  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4232  
citing authors

#	ARTICLE	IF	CITATIONS
1	A randomized trial comparing cadaveric dissection and examination of prosections as applied surgical anatomy teaching pedagogies. <i>Anatomical Sciences Education</i> , 2023, 16, 57-70.	2.5	2
2	Maximizing Opportunities for Anatomy Learning: Use of Authentic OSPE as Part of Assessment in Anatomy. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
3	Can Simulation be a Learning and Assessment Tool for Collaborative Learning in the Preclinical Years?. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
4	Fostering Students Collaborative Learning through Innovative Integrated Assessments in a Laboratory Setting. <i>FASEB Journal</i> , 2022, 36, .	0.2	1
5	Fabrication and characterization of high flux poly(vinylidene fluoride) electrospun nanofibrous membrane using amphiphilic polyethylene glycol poly(ethylene glycol) copolymer. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50296.	1.3	11
6	Prdm16 Deficiency Leads to Age-Dependent Cardiac Hypertrophy, Adverse Remodeling, Mitochondrial Dysfunction, and Heart Failure. <i>Cell Reports</i> , 2020, 33, 108288.	2.9	36
7	Nanoparticle-Based Technology Approaches to the Management of Neurological Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6070.	1.8	36
8	Medical Students' Perceptions and an Anatomy Teacher's Personal Experience Using an e-Learning Platform for Tutorials During the Covid-19 Crisis. <i>Anatomical Sciences Education</i> , 2020, 13, 318-319.	2.5	110
9	Nanoparticle-Based Therapeutic Approach for Diabetic Wound Healing. <i>Nanomaterials</i> , 2020, 10, 1234.	1.9	83
10	Osteogenic Differentiation of Mesenchymal Stem Cells with Silica-Coated Gold Nanoparticles for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5135.	1.8	26
11	Biocompatible Aloe vera and Tetracycline Hydrochloride Loaded Hybrid Nanofibrous Scaffolds for Skin Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5174.	1.8	55
12	Therapeutic Prospects in Preeclampsia - A Mini-Review. <i>Current Medicinal Chemistry</i> , 2019, 26, 4786-4798.	1.2	6
13	Electrospun electrospayed hydroxyapatite nanostructured composites for bone tissue regeneration. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46756.	1.3	14
14	A molecular validation of serotonin signaling systems association with major depressive disorder (MDD) in South Indian population. <i>FASEB Journal</i> , 2018, 32, 554.15.	0.2	0
15	Role of microRNA-9 in the pathogenesis of Parkinson's Disease. <i>FASEB Journal</i> , 2018, 32, 545.6.	0.2	1
16	Bio-inspired crosslinking and matrix-drug interactions for advanced wound dressings with long-term antimicrobial activity. <i>Biomaterials</i> , 2017, 138, 153-168.	5.7	165
17	Physical mechanism and modeling of heat generation and transfer in magnetic fluid hyperthermia through Néel and Brownian relaxation: a review. <i>BioMedical Engineering OnLine</i> , 2017, 16, 36.	1.3	126
18	Potential adverse effects of engineered nanomaterials commonly used in food on the miRNome. <i>Food and Chemical Toxicology</i> , 2017, 109, 771-779.	1.8	16

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19	Nanofiber composites in cardiac tissue engineering. , 2017, , 411-453.		3
20	Minocycline Loaded Hybrid Composites Nanoparticles for Mesenchymal Stem Cells Differentiation into Osteogenesis. International Journal of Molecular Sciences, 2016, 17, 1222.	1.8	15
21	Quantitative means for differentiating renal obstruction by analysing renography by compartmental modelling of renal fluid flow rate. Nuclear Medicine Communications, 2016, 37, 904-910.	0.5	2
22	Minocycline Hydrochloride Entrapped Biomimetic Nanofibrous Substitutes for Adipose-Derived Stem Cells Differentiation into Osteogenesis. Regenerative Engineering and Translational Medicine, 2016, 2, 10-22.	1.6	1
23	A Review of Computational Methods to Predict the Risk of Rupture of Abdominal Aortic Aneurysms. BioMed Research International, 2015, 2015, 1-12.	0.9	39
24	Controlled Release of Dexamethasone in PCL/Silk Fibroin/Ascorbic Acid Nanoparticles for the Initiation of Adipose Derived Stem Cells into Osteogenesis. Journal of Drug Metabolism & Toxicology, 2015, 06, .	0.1	11
25	Biomimetic hybrid nanofibrous substrates for mesenchymal stem cells differentiation into osteogenic cells. Materials Science and Engineering C, 2015, 49, 776-785.	3.8	30
26	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. Diabetologia, 2015, 58, 2218-2228.	2.9	81
27	Controlled release of drugs in electrosprayed nanoparticles for bone tissue engineering. Advanced Drug Delivery Reviews, 2015, 94, 77-95.	6.6	112
28	Breathable Medicine: Pulmonary Mode of Drug Delivery. Journal of Nanoscience and Nanotechnology, 2015, 15, 2591-2604.	0.9	17
29	Biocomposite nanofibrous strategies for the controlled release of biomolecules for skin tissue regeneration. International Journal of Nanomedicine, 2014, 9, 4709.	3.3	30
30	Effect of feeding a high fat diet on hydrogen sulfide (H <sub>2</sub> S) metabolism in the mouse. Nitric Oxide - Biology and Chemistry, 2014, 41, 138-145.	1.2	77
31	Hydrogen Sulfide Is an Endogenous Regulator of Aging in <i>Caenorhabditis elegans</i> . Antioxidants and Redox Signaling, 2014, 20, 2621-2630.	2.5	79
32	Differential gene expression profiles during embryonic heart development in diabetic mice pregnancy. Gene, 2013, 516, 218-227.	1.0	31
33	Notch Transcriptional Control of Vascular Smooth Muscle Regulatory Gene Expression and Function. Journal of Biological Chemistry, 2013, 288, 11191-11202.	1.6	19
34	Analysis of Epigenetic Factors in Mouse Embryonic Neural Stem Cells Exposed to Hyperglycemia. PLoS ONE, 2013, 8, e65945.	1.1	41
35	Zinc supplementation prevents diabetes-induced heart malformation in mouse model. FASEB Journal, 2013, 27, 962.2.	0.2	0
36	Effect of Blast Exposure on the Brain Structure and Cognition in <i>Macaca fascicularis</i> . Journal of Neurotrauma, 2012, 29, 1434-1454.	1.7	83

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37	Zinc supplementation prevents cardiomyocyte apoptosis and congenital heart defects in embryos of diabetic mice. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1595-1606.	1.3	56
38	Role of corin in trophoblast invasion and uterine spiral artery remodelling in pregnancy. <i>Nature</i> , 2012, 484, 246-250.	13.7	271
39	Disregulated Sphk1, Sphk2 and their receptors in the brain of MPTP-induced mouse model of Parkinson's disease. <i>FASEB Journal</i> , 2012, 26, 920.6.	0.2	0
40	MicroRNA-124 and its target gene are altered in the substantia nigra (SNc) of the brain of MPTP mouse model of Parkinson's disease. <i>FASEB Journal</i> , 2012, 26, 83.6.	0.2	0
41	Cryopreservation of mouse testicular tissue: prospect for harvesting spermatogonial stem cells for fertility preservation. <i>Fertility and Sterility</i> , 2011, 95, 2399-2403.	0.5	53
42	Deciphering the key molecular and cellular events in neutrophil transmigration during acute inflammation. <i>Bioinformatics</i> , 2011, 6, 111-114.	0.2	5
43	Molecular and morphological characterization of neural tube defects in embryos of diabetic Swiss Albino mice. <i>Histology and Histopathology</i> , 2011, 26, 965-78.	0.5	5
44	Sphingosine kinase 1 regulates the expression of proinflammatory cytokines and nitric oxide in activated microglia. <i>Neuroscience</i> , 2010, 166, 132-144.	1.1	141
45	Recent Studies on Neural Tube Defects in Embryos of Diabetic Pregnancy: An Overview. <i>Current Medicinal Chemistry</i> , 2009, 16, 2345-2354.	1.2	62
46	Function of Sirtuins in Biological Tissues. <i>Anatomical Record</i> , 2009, 292, 536-543.	0.8	51
47	Y-Box-binding protein-1 is a promising predictive marker of radioresistance and chemoradioresistance in nasopharyngeal cancer. <i>Modern Pathology</i> , 2009, 22, 282-290.	2.9	41
48	Global gene expression analysis of cranial neural tubes in embryos of diabetic mice. <i>Journal of Neuroscience Research</i> , 2008, 86, 3481-3493.	1.3	46
49	Quercetin Potentially Ameliorates the C5a-induced Acute Peritonitis. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, S204-S204.	1.5	0
50	RNA-Interference Targeting of PLC- $\beta$ 3 Ameliorates IgE-Mediated Anaphylaxis in vivo. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, S206-S206.	1.5	0
51	siRNA, miRNA, and shRNA: <i>in vivo</i> Applications. <i>Journal of Dental Research</i> , 2008, 87, 992-1003.	2.5	101
52	Cardiac Malformations Are Associated with Altered Expression of Vascular Endothelial Growth Factor and Endothelial Nitric Oxide Synthase Genes in Embryos of Diabetic Mice. <i>Experimental Biology and Medicine</i> , 2008, 233, 1421-1432.	1.1	29
53	RNAi and RNAa - The Yin and Yang of RNAome. <i>Bioinformatics</i> , 2008, 2, 235-237.	0.2	33
54	Oncomirs: The potential role of non-coding microRNAs in understanding cancer. <i>Bioinformatics</i> , 2008, 2, 330-334.	0.2	151

#	ARTICLE	IF	CITATIONS
55	METALLOTHIONEIN AND BREAST CANCER. , 2008, , 183-199.		0
56	Nor-nordihydroguaiaretic Acid (NDHGA) Ameliorates C5a-Induced Acute Peritonitis. Journal of Allergy and Clinical Immunology, 2007, 119, S301.	1.5	0
57	Harnessing the RNA-interference for Anti-inflammatory Therapeutics. Journal of Allergy and Clinical Immunology, 2007, 119, S172.	1.5	0
58	Inhibition of Phosphoinositide 3 Kinase by Masoprocol Ameliorates IgE-mediated Anaphylaxis in vivo and ex vivo. Journal of Allergy and Clinical Immunology, 2007, 119, S179.	1.5	1
59	Maternal diabetes induces congenital heart defects in mice by altering the expression of genes involved in cardiovascular development. Cardiovascular Diabetology, 2007, 6, 34.	2.7	101
60	Expressions of cytokines and chemokines in the dorsal motor nucleus of the vagus nerve after right vagotomy. Molecular Brain Research, 2005, 142, 47-57.	2.5	16
61	Changes in peptidergic nerves in the atrioventricular valves of streptozotocin-induced diabetic rats: A confocal microscopy study. , 2000, 258, 277-285.		8