

# kanhaiya Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,356  
citations

361045

20  
h-index

360668

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct conversion of injury-site myeloid cells to fibroblast-like cells of granulation tissue. <i>Nature Communications</i> , 2018, 9, 936.	5.8	132
2	Topical tissue nano-transfection mediates non-viral stroma reprogramming and rescue. <i>Nature Nanotechnology</i> , 2017, 12, 974-979.	15.6	122
3	Exosome-Mediated Crosstalk between Keratinocytes and Macrophages in Cutaneous Wound Healing. <i>ACS Nano</i> , 2020, 14, 12732-12748.	7.3	106
4	Cutaneous Manifestations of COVID-19: A Systematic Review. <i>Advances in Wound Care</i> , 2021, 10, 51-80.	2.6	95
5	Is Low Alveolar Type II Cell <i>SOD3</i> in the Lungs of Elderly Linked to the Observed Severity of COVID-19?. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 59-65.	2.5	83
6	Association of Toll-Like Receptor 4 Polymorphisms with Diabetic Foot Ulcers and Application of Artificial Neural Network in DFU Risk Assessment in Type 2 Diabetes Patients. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	58
7	Epigenetic Modification of MicroRNA-200b Contributes to Diabetic Vasculopathy. <i>Molecular Therapy</i> , 2017, 25, 2689-2704.	3.7	57
8	Mitochondrial connexin 43 in sex-dependent myocardial responses and estrogen-mediated cardiac protection following acute ischemia/reperfusion injury. <i>Basic Research in Cardiology</i> , 2020, 115, 1.	2.5	57
9	Increased expression of TLR9 associated with pro-inflammatory S100A8 and IL-8 in diabetic wounds could lead to unresolved inflammation in type 2 diabetes mellitus (T2DM) cases with impaired wound healing. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 99-108.	1.2	48
10	Cutaneous Epithelial to Mesenchymal Transition Activator ZEB1 Regulates Wound Angiogenesis and Closure in a Glycemic Status-Dependent Manner. <i>Diabetes</i> , 2019, 68, 2175-2190.	0.3	47
11	Urolithin A augments angiogenic pathways in skeletal muscle by bolstering NAD <sup>+</sup> and SIRT1. <i>Scientific Reports</i> , 2020, 10, 20184.	1.6	45
12	Circulating extracellular vesicle content reveals <i>de novo</i> DNA methyltransferase expression as a molecular method to predict septic shock. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1669881.	5.5	43
13	Toll-like receptor 4 polymorphisms and their haplotypes modulate the risk of developing diabetic retinopathy in type 2 diabetes patients. <i>Molecular Vision</i> , 2014, 20, 704-13.	1.1	38
14	A Functional Single Nucleotide Polymorphism -1562C>T in the Matrix Metalloproteinase-9 Promoter Is Associated With Type 2 Diabetes and Diabetic Foot Ulcers. <i>International Journal of Lower Extremity Wounds</i> , 2013, 12, 199-204.	0.6	37
15	Editorial: Redox Homeostasis and Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-2.	1.9	33
16	Differential Expression of Matrix Metalloproteinase-9 Gene in Wounds of Type 2 Diabetes Mellitus Cases With Susceptible -1562C>T Genotypes and Wound Severity. <i>International Journal of Lower Extremity Wounds</i> , 2014, 13, 94-102.	0.6	32
17	Novel Bacterial Diversity and Fragmented eDNA Identified in Hyperbiofilm-Forming <i>Pseudomonas aeruginosa</i> Rugose Small Colony Variant. <i>IScience</i> , 2020, 23, 100827.	1.9	31
18	Genetic and epigenetic alterations in Toll like receptor 2 and wound healing impairment in type 2 diabetes patients. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 222-229.	1.2	27

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19	Decreased expression of heat shock proteins may lead to compromised wound healing in type 2 diabetes mellitus patients. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 578-588.	1.2	27
20	Proteomic Pathway Analysis of Monocyte-Derived Exosomes during Surgical Sepsis Identifies Immunoregulatory Functions. <i>Surgical Infections</i> , 2020, 21, 101-111.	0.7	26
21	Genome-wide DNA hypermethylation opposes healing in patients with chronic wounds by impairing epithelial-mesenchymal transition. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	20
22	Increased expression of endosomal members of toll-like receptor family abrogates wound healing in patients with type 2 diabetes mellitus. <i>International Wound Journal</i> , 2016, 13, 927-935.	1.3	19
23	Association of Variant rs7903146 (C/T) Single Nucleotide Polymorphism of TCF7L2 Gene With Impairment in Wound Healing Among North Indian Type 2 Diabetes Population. <i>International Journal of Lower Extremity Wounds</i> , 2013, 12, 310-315.	0.6	16
24	Azoospermic infertility is associated with altered expression of DNA repair genes. <i>DNA Repair</i> , 2019, 75, 39-47.	1.3	16
25	Elevated histone H3 acetylation is associated with genes involved in T lymphocyte activation and glutamate decarboxylase antibody production in patients with type 1 diabetes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 51-61.	1.1	15
26	Homoleptic bisterpyridyl complexes: Synthesis, characterization, DNA binding, DNA cleavage and topoisomerase II inhibition activity. <i>Inorganica Chimica Acta</i> , 2015, 432, 71-80.	1.2	14
27	Endothelial Phospholipase C $\beta$ 2 Improves Outcomes of Diabetic Ischemic Limb Rescue Following VEGF Therapy. <i>Diabetes</i> , 2022, 71, 1149-1165.	0.3	14
28	Carcinogenesis and Diabetic Wound Healing: Evidences of Parallelism. <i>Current Diabetes Reviews</i> , 2015, 11, 32-45.	0.6	13
29	Mixed ligand complexes of Cu(II)/Zn(II) ions containing (m-)/(p-) carboxylato phenyl azo pentane 2,4-dione and 2,2'-bipyridine/1,10 phenanthroline: Synthesis, characterization, DNA binding, nuclease and topoisomerase I inhibitory activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 208-217.	2.0	11
30	Association of functional SNP-1562C > T in MMP9 promoter with proliferative diabetic retinopathy in north Indian type 2 diabetes mellitus patients. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1648-1651.	1.2	11
31	Skin Transcriptome of Middle-Aged Women Supplemented With Natural Herbo-mineral Shilajit Shows Induction of Microvascular and Extracellular Matrix Mechanisms. <i>Journal of the American College of Nutrition</i> , 2019, 38, 526-536.	1.1	11
32	Genetic Alterations in Toll-Like Receptor 4 Signaling Pathway and Impairment of Wound Healing in Patients With Type 2 Diabetes. <i>International Journal of Lower Extremity Wounds</i> , 2014, 13, 162-163.	0.6	9
33	Bone marrow- or adipose-mesenchymal stromal cell secretome preserves myocardial transcriptome profile and ameliorates cardiac damage following ex vivo cold storage. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 164, 1-12.	0.9	9
34	Laser Capture Microdissection in the Spatial Analysis of Epigenetic Modifications in Skin: A Comprehensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	8
35	Exosomal Transfer of DNA Methyl-Transferase mRNA Induces an Immunosuppressive Phenotype in Human Monocytes. <i>Shock</i> , 2022, 57, 218-227.	1.0	8
36	Energy and Health Benefits of Shilajit. , 2017, , 187-204.		7

#	ARTICLE	IF	CITATIONS
37	Mitochondria as Target for Tumor Management of Hemangioendothelioma. Antioxidants and Redox Signaling, 2021, 34, 137-153.	2.5	6
38	Semen Quality is Associated with Sperm Aneuploidy and DNA Fragmentation in the United Arab Emirates Population. Genetic Testing and Molecular Biomarkers, 2020, 24, 195-203.	0.3	3
39	Epigenetics of diabetic wound healing. , 2020, , 167-180.		1
40	Editorial: Redox Homeostasis and Cancer. Oxidative Medicine and Cellular Longevity, 2020, 2020, 5487381.	1.9	0
41	Abstract 17186: Molecular Mechanisms Underlying Sex-Related Differences in Mitochondrial Response to Myocardial Ischemia/Reperfusion. Circulation, 2020, 142, .	1.6	0