

Ramya Lakshmi Rajendran

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,223
citations

567281

15
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

1667
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable fluorescent carbon dots from biowaste as fluorescence ink and imaging human normal and cancer cells. <i>Environmental Research</i> , 2022, 204, 112365.	7.5	78
2	An Update on the Effectiveness of Probiotics in the Prevention and Treatment of Cancer. <i>Life</i> , 2022, 12, 59.	2.4	24
3	Impact of the Process Variables on the Yield of Mesenchymal Stromal Cells from Bone Marrow Aspirate Concentrate. <i>Bioengineering</i> , 2022, 9, 57.	3.5	8
4	Application of Orthobiologics in Achilles Tendinopathy: A Review. <i>Life</i> , 2022, 12, 399.	2.4	3
5	Advancing Regenerative Cellular Therapies in Non-Scarring Alopecia. <i>Pharmaceutics</i> , 2022, 14, 612.	4.5	12
6	Targeting GLI1 Transcription Factor for Restoring Iodine Avidity with Redifferentiation in Radioactive-Iodine Refractory Thyroid Cancers. <i>Cancers</i> , 2022, 14, 1782.	3.7	1
7	Evolution of Mesenchymal Stem Cell Therapy as an Advanced Therapeutic Medicinal Product (ATMP) – An Indian Perspective. <i>Bioengineering</i> , 2022, 9, 111.	3.5	9
8	Lineage Differentiation Potential of Different Sources of Mesenchymal Stem Cells for Osteoarthritis Knee. <i>Pharmaceutics</i> , 2022, 15, 386.	3.8	5
9	Application of Sygen® in Diabetic Peripheral Neuropathies – A Review of Biological Interactions. <i>Bioengineering</i> , 2022, 9, 217.	3.5	2
10	Identification of Angiogenic Cargoes in Human Fibroblasts-Derived Extracellular Vesicles and Induction of Wound Healing. <i>Pharmaceutics</i> , 2022, 15, 702.	3.8	5
11	Current understanding of MSC-derived exosomes in the management of knee osteoarthritis. <i>Experimental Cell Research</i> , 2022, 418, 113274.	2.6	13
12	Extracellular vesicles derived from fibroblasts promote wound healing by optimizing fibroblast and endothelial cellular functions. <i>Stem Cells</i> , 2021, 39, 266-279.	3.2	29
13	Human fibroblast-derived extracellular vesicles promote hair growth in cultured human hair follicles. <i>FEBS Letters</i> , 2021, 595, 942-953.	2.8	12
14	Extracellular Vesicles Act as Nano-Transporters of Tyrosine Kinase Inhibitors to Revert Iodine Avidity in Thyroid Cancer. <i>Pharmaceutics</i> , 2021, 13, 248.	4.5	14
15	Radioiodine labeling and in vivo trafficking of extracellular vesicles. <i>Scientific Reports</i> , 2021, 11, 5041.	3.3	7
16	Identification of Angiogenic Cargo in Extracellular Vesicles Secreted from Human Adipose Tissue-Derived Stem Cells and Induction of Angiogenesis In Vitro and In Vivo. <i>Pharmaceutics</i> , 2021, 13, 495.	4.5	18
17	Betel leaf derived multicolor emitting carbon dots as a fluorescent probe for imaging mouse normal fibroblast and human thyroid cancer cells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 136, 115010.	2.7	10
18	Engineered extracellular vesicle mimetics from macrophage promotes hair growth in mice and promotes human hair follicle growth. <i>Experimental Cell Research</i> , 2021, 409, 112887.	2.6	8

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19	Where Do We Stand in Stem Cell Therapy for the Management of Diabetes Mellitus?â€”A Scientometric Research Trend Analysis from 1990 to 2020. <i>Bioengineering</i> , 2021, 8, 159.	3.5	3
20	Osteogenic and Chondrogenic Potential of Periosteum-Derived Mesenchymal Stromal Cells: Do They Hold the Key to the Future?. <i>Pharmaceuticals</i> , 2021, 14, 1133.	3.8	8
21	Treatment Effect of Combining Lenvatinib and Vemurafenib for BRAF Mutated Anaplastic Thyroid Cancer. <i>International Journal of Thyroidology</i> , 2021, 14, 127-134.	0.1	0
22	Is Culture Expansion Necessary in Autologous Mesenchymal Stromal Cell Therapy to Obtain Superior Results in the Management of Knee Osteoarthritis?â€”Meta-Analysis of Randomized Controlled Trials. <i>Bioengineering</i> , 2021, 8, 220.	3.5	6
23	White blood cell labeling with Technetium-99m (99mTc) using red blood cell extracellular vesicles-mimetics. <i>Blood Cells, Molecules, and Diseases</i> , 2020, 80, 102375.	1.4	15
24	Role of M2-like macrophages in the progression of ovarian cancer. <i>Experimental Cell Research</i> , 2020, 395, 112211.	2.6	13
25	Application of In Vivo Imaging Techniques for Monitoring Natural Killer Cell Migration and Tumor Infiltration. <i>Cancers</i> , 2020, 12, 1318.	3.7	8
26	Extracellular vesicles derived from macrophage promote angiogenesis In vitro and accelerate new vasculature formation In vivo. <i>Experimental Cell Research</i> , 2020, 394, 112146.	2.6	28
27	A new tyrosine kinase inhibitor K905-0266 inhibits proliferation and sphere formation of glioblastoma cancer cells. <i>Journal of Drug Targeting</i> , 2020, 28, 933-938.	4.4	1
28	A Novel Tyrosine Kinase Inhibitor Can Augment Radioactive Iodine Uptake Through Endogenous Sodium/Iodide Symporter Expression in Anaplastic Thyroid Cancer. <i>Thyroid</i> , 2020, 30, 501-518.	4.5	18
29	Macrophage-Derived Extracellular Vesicle Promotes Hair Growth. <i>Cells</i> , 2020, 9, 856.	4.1	60
30	Noninvasive <i>in vivo</i> cell tracking using molecular imaging: A useful tool for developing mesenchymal stem cell-based cancer treatment. <i>World Journal of Stem Cells</i> , 2020, 12, 1492-1510.	2.8	9
31	Reverting iodine avidity of radioactive-iodine refractory thyroid cancer with a new tyrosine kinase inhibitor (K905-0266) excavated by high-throughput NIS (sodium iodide symporter) enhancer screening platform using dual reporter gene system. <i>Oncotarget</i> , 2018, 9, 7075-7087.	1.8	20
32	New Optical Imaging Reporter-labeled Anaplastic Thyroid Cancer-Derived Extracellular Vesicles as a Platform for In Vivo Tumor Targeting in a Mouse Model. <i>Scientific Reports</i> , 2018, 8, 13509.	3.3	17
33	A New Approach for Loading Anticancer Drugs Into Mesenchymal Stem Cell-Derived Exosome Mimetics for Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1116.	3.5	179
34	Migration of mesenchymal stem cells to tumor xenograft models and <i>in vitro</i> drug delivery by doxorubicin. <i>International Journal of Medical Sciences</i> , 2018, 15, 1051-1061.	2.5	45
35	Regulated Mesenchymal Stem Cells Mediated Colon Cancer Therapy Assessed by Reporter Gene Based Optical Imaging. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1002.	4.1	16
36	In vivo Non-invasive Imaging of Radio-Labeled Exosome-Mimetics Derived From Red Blood Cells in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 817.	3.5	72

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37	Extracellular vesicles from mesenchymal stem cells activates VEGF receptors and accelerates recovery of hindlimb ischemia. <i>Journal of Controlled Release</i> , 2017, 264, 112-126.	9.9	164
38	Extracellular vesicles derived from MSCs activates dermal papilla cell in vitro and promotes hair follicle conversion from telogen to anagen in mice. <i>Scientific Reports</i> , 2017, 7, 15560.	3.3	123
39	In Vivo Tracking of Chemokine Receptor CXCR4-Engineered Mesenchymal Stem Cell Migration by Optical Molecular Imaging. <i>Stem Cells International</i> , 2017, 2017, 1-10.	2.5	60
40	A new bioluminescent reporter system to study the biodistribution of systematically injected tumor-derived bioluminescent extracellular vesicles in mice. <i>Oncotarget</i> , 2017, 8, 109894-109914.	1.8	96