Ramya Lakshmi Rajendran

List of Publications by Year
in descending order

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	A New Approach for Loading Anticancer Drugs Into Mesenchymal Stem Cell-Derived Exosome Mimetics for Cancer Therapy. Frontiers in Pharmacology, 2018, 9, 1116.	3.5	179
2	Extracellular vesicles from mesenchymal stem cells activates VEGF receptors and accelerates recovery of hindlimb ischemia. Journal of Controlled Release, 2017, 264, 112-126.	9.9	164
3	Extracellular vesicles derived from MSCs activates dermal papilla cell in vitro and promotes hair follicle conversion from telogen to anagen in mice. Scientific Reports, 2017, 7, 15560.	3.3	123
4	A new bioluminescent reporter system to study the biodistribution of systematically injected tumor-derived bioluminescent extracellular vesicles in mice. Oncotarget, 2017, 8, 109894-109914.	1.8	96
5	Tunable fluorescent carbon dots from biowaste as fluorescence ink and imaging human normal and cancer cells. Environmental Research, 2022, 204, 112365.	7.5	78
6	In vivo Non-invasive Imaging of Radio-Labeled Exosome-Mimetics Derived From Red Blood Cells in Mice. Frontiers in Pharmacology, 2018, 9, 817.	3.5	72
7	In Vivo Tracking of Chemokine Receptor CXCR4-Engineered Mesenchymal Stem Cell Migration by Optical Molecular Imaging. Stem Cells International, 2017, 2017, 1-10.	2.5	60
8	Macrophage-Derived Extracellular Vesicle Promotes Hair Growth. Cells, 2020, 9, 856.	4.1	60
9	Migration of mesenchymal stem cells to tumor xenograft models and in vitro drug delivery by doxorubicin. International Journal of Medical Sciences, 2018, 15, 1051-1061.	2.5	45
10	Extracellular vesicles derived from fibroblasts promote wound healing by optimizing fibroblast and endothelial cellular functions. Stem Cells, 2021, 39, 266-279.	3.2	29
11	Extracellular vesicles derived from macrophage promote angiogenesis In vitro and accelerate new vasculature formation In vivo. Experimental Cell Research, 2020, 394, 112146.	2.6	28
12	An Update on the Effectiveness of Probiotics in the Prevention and Treatment of Cancer. Life, 2022, 12, 59.	2.4	24
13	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. Oncotarget, 2018, 9, 7075-7087.	1.8	20
14	A Novel Tyrosine Kinase Inhibitor Can Augment Radioactive Iodine Uptake Through Endogenous Sodium/Iodide Symporter Expression in Anaplastic Thyroid Cancer. Thyroid, 2020, 30, 501-518.	4.5	18
15	Identification of Angiogenic Cargo in Extracellular Vesicles Secreted from Human Adipose Tissue-Derived Stem Cells and Induction of Angiogenesis In Vitro and In Vivo. Pharmaceutics, 2021, 13, 495.	4.5	18
16	New Optical Imaging Reporter-labeled Anaplastic Thyroid Cancer-Derived Extracellular Vesicles as a Platform for In Vivo Tumor Targeting in a Mouse Model. Scientific Reports, 2018, 8, 13509.	3.3	17
17	Regulated Mesenchymal Stem Cells Mediated Colon Cancer Therapy Assessed by Reporter Gene Based Optical Imaging. International Journal of Molecular Sciences, 2018, 19, 1002.	4.1	16
18	White blood cell labeling with Technetium-99m (99mTc) using red blood cell extracellular vesicles-mimetics. Blood Cells, Molecules, and Diseases, 2020, 80, 102375.	1.4	15

#	Article	IF	Citations
19	Extracellular Vesicles Act as Nano-Transporters of Tyrosine Kinase Inhibitors to Revert Iodine Avidity in Thyroid Cancer. Pharmaceutics, 2021, 13, 248.	4.5	14
20	Role of M2-like macrophages in the progression of ovarian cancer. Experimental Cell Research, 2020, 395, 112211.	2.6	13
21	Current understanding of MSC-derived exosomes in the management of knee osteoarthritis. Experimental Cell Research, 2022, 418, 113274.	2.6	13
22	Human fibroblastâ€derived extracellular vesicles promote hair growth in cultured human hair follicles. FEBS Letters, 2021, 595, 942-953.	2.8	12
23	Advancing Regenerative Cellular Therapies in Non-Scarring Alopecia. Pharmaceutics, 2022, 14, 612.	4.5	12
24	Betel leaf derived multicolor emitting carbon dots as a fluorescent probe for imaging mouse normal fibroblast and human thyroid cancer cells. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 136, 115010.	2.7	10
25	Noninvasive in vivo cell tracking using molecular imaging: A useful tool for developing mesenchymal stem cell-based cancer treatment. World Journal of Stem Cells, 2020, 12, 1492-1510.	2.8	9
26	Evolution of Mesenchymal Stem Cell Therapy as an Advanced Therapeutic Medicinal Product (ATMP)â€"An Indian Perspective. Bioengineering, 2022, 9, 111.	3.5	9
27	Application of In Vivo Imaging Techniques for Monitoring Natural Killer Cell Migration and Tumor Infiltration. Cancers, 2020, 12, 1318.	3.7	8
28	Engineered extracellular vesicle mimetics from macrophage promotes hair growth in mice and promotes human hair follicle growth. Experimental Cell Research, 2021, 409, 112887.	2.6	8
29	Osteogenic and Chondrogenic Potential of Periosteum-Derived Mesenchymal Stromal Cells: Do They Hold the Key to the Future?. Pharmaceuticals, 2021, 14, 1133.	3.8	8
30	Impact of the Process Variables on the Yield of Mesenchymal Stromal Cells from Bone Marrow Aspirate Concentrate. Bioengineering, 2022, 9, 57.	3.5	8
31	Radioiodine labeling and in vivo trafficking of extracellular vesicles. Scientific Reports, 2021, 11, 5041.	3.3	7
32	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. Bioengineering, 2021, 8, 220.	3.5	6
33	Lineage Differentiation Potential of Different Sources of Mesenchymal Stem Cells for Osteoarthritis Knee. Pharmaceuticals, 2022, 15, 386.	3.8	5
34	Identification of Angiogenic Cargoes in Human Fibroblasts-Derived Extracellular Vesicles and Induction of Wound Healing. Pharmaceuticals, 2022, 15, 702.	3.8	5
35	Where Do We Stand in Stem Cell Therapy for the Management of Diabetes Mellitus?â€"A Scientometric Research Trend Analysis from 1990 to 2020. Bioengineering, 2021, 8, 159.	3.5	3
36	Application of Orthobiologics in Achilles Tendinopathy: A Review. Life, 2022, 12, 399.	2.4	3

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37	Application of SygenÂ® in Diabetic Peripheral Neuropathiesâ€"A Review of Biological Interactions. Bioengineering, 2022, 9, 217.	3.5	2
38	A new tyrosine kinase inhibitor K905-0266 inhibits proliferation and sphere formation of glioblastoma cancer cells. Journal of Drug Targeting, 2020, 28, 933-938.	4.4	1
39	Targeting GLI1 Transcription Factor for Restoring Iodine Avidity with Redifferentiation in Radioactive-Iodine Refractory Thyroid Cancers. Cancers, 2022, 14, 1782.	3.7	1
40	Treatment Effect of Combining Lenvatinib and Vemurafenib for BRAF Mutated Anaplastic Thyroid Cancer. International Journal of Thyroidology, 2021, 14, 127-134.	0.1	0