

Kavitha Govarthanan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2905417/publications.pdf>

Version: 2024-02-01

16
papers

197
citations

1307594

7
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent trends in biodegradable polyester nanomaterials for cancer therapy. <i>Materials Science and Engineering C</i> , 2021, 127, 112198.	7.3	37
2	Human Umbilical Cord Wharton's Jelly-Derived Mesenchymal Stem Cells Labeled with Mn ²⁺ and Gd ³⁺ Co-Doped CuInS ₂ –ZnS Nanocrystals for Multimodality Imaging in a Tumor Mice Model. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3415-3429.	8.0	27
3	Noninvasive Tracking and Regenerative Capabilities of Transplanted Human Umbilical Cord-Derived Mesenchymal Stem Cells Labeled with III-IV Semiconducting Nanocrystals in Liver-Injured Living Mice. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8763-8778.	8.0	25
4	Metal-free semi-aromatic polyester as nanodrug carrier: A novel tumor targeting drug delivery vehicle for potential clinical application. <i>Materials Science and Engineering C</i> , 2020, 107, 110285.	7.3	22
5	Glycogen synthase kinase 3 β inhibitor- CHIR 99021 augments the differentiation potential of mesenchymal stem cells. <i>Cytotherapy</i> , 2020, 22, 91-105.	0.7	20
6	Recent Advances in Cardiac Tissue Engineering for the Management of Myocardium Infarction. <i>Cells</i> , 2021, 10, 2538.	4.1	19
7	DNA methylation microarray uncovers a permissive methylome for cardiomyocyte differentiation in human mesenchymal stem cells. <i>Genomics</i> , 2020, 112, 1384-1395.	2.9	18
8	Cardiac Differentiation of Mesenchymal Stem Cells: Impact of Biological and Chemical Inducers. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1343-1361.	3.8	9
9	Microwave-Assisted Synthesis of Quasi-Pyramidal CuInS ₂ –ZnS Nanocrystals for Enhanced Near-Infrared Targeted Fluorescent Imaging of Subcutaneous Melanoma. <i>Advanced Biology</i> , 2019, 3, e1800127.	3.0	4
10	Defective cell proliferation is an attribute of overexpressed Notch1 receptor and impaired autophagy in Fanconi Anemia. <i>Genomics</i> , 2020, 112, 4628-4639.	2.9	4
11	Metal-free semi-aromatic polyester: A novel nanomaterial for potential clinical application. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101582.	3.0	4
12	Epigenetic regulation—The guardian of cellular homeostasis and lineage commitment. <i>Biocell</i> , 2021, 45, 501-515.	0.7	3
13	An Efficient Protocol for Deriving Liver Stem Cells from Neonatal Mice: Validating Its Differentiation Potential. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-10.	1.4	2
14	Expression Profiling of Differentially Regulated Genes in Fanconi Anemia. <i>Methods in Molecular Biology</i> , 2018, 1783, 243-258.	0.9	1
15	Bioimaging: Microwave-Assisted Synthesis of Quasi-Pyramidal CuInS ₂ –ZnS Nanocrystals for Enhanced Near-Infrared Targeted Fluorescent Imaging of Subcutaneous Melanoma (<i>Adv. Biosys.</i>) Tj ETQq1 1 0.784314 rBT /Over	3.0	4
16	Genome-wide methylome pattern predictive network analysis reveal mesenchymal stem cell's propensity to undergo cardiovascular lineage. <i>3 Biotech</i> , 2022, 12, 12.	2.2	0