

Sweta Rani

List of Publications by Year in descending order

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37
papers

3,436
citations

361045

20
h-index

377514

34
g-index

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all docs

37
docs citations

37
times ranked

6224
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cell-derived Extracellular Vesicles: Toward Cell-free Therapeutic Applications. <i>Molecular Therapy</i> , 2015, 23, 812-823.	3.7	877
2	MiRNA Biogenesis and Regulation of Diseases: An Overview. <i>Methods in Molecular Biology</i> , 2017, 1509, 1-10.	0.4	505
3	Docetaxel-Resistance in Prostate Cancer: Evaluating Associated Phenotypic Changes and Potential for Resistance Transfer via Exosomes. <i>PLoS ONE</i> , 2012, 7, e50999.	1.1	367
4	The Exosome – A Naturally Secreted Nanoparticle and its Application to Wound Healing. <i>Advanced Materials</i> , 2016, 28, 5542-5552.	11.1	213
5	miR-134 in extracellular vesicles reduces triple-negative breast cancer aggression and increases drug sensitivity. <i>Oncotarget</i> , 2015, 6, 32774-32789.	0.8	203
6	Exosomes from triple-negative breast cancer cells can transfer phenotypic traits representing their cells of origin to secondary cells. <i>European Journal of Cancer</i> , 2013, 49, 1845-1859.	1.3	192
7	miR-34a is an intracellular and exosomal predictive biomarker for response to docetaxel with clinical relevance to prostate cancer progression. <i>Prostate</i> , 2014, 74, 1320-1334.	1.2	188
8	Characterisation and manipulation of docetaxel resistant prostate cancer cell lines. <i>Molecular Cancer</i> , 2011, 10, 126.	7.9	170
9	Isolation of Exosomes for Subsequent mRNA, MicroRNA, and Protein Profiling. <i>Methods in Molecular Biology</i> , 2011, 784, 181-195.	0.4	89
10	Global analysis of serum microRNAs as potential biomarkers for lung adenocarcinoma. <i>Cancer Biology and Therapy</i> , 2013, 14, 1104-1112.	1.5	66
11	miR-630 targets IGF1R to regulate response to HER-targeting drugs and overall cancer cell progression in HER2 over-expressing breast cancer. <i>Molecular Cancer</i> , 2014, 13, 71.	7.9	66
12	Phenotypic and global gene expression profile changes between low passage and high passage MIN-6 cells. <i>Journal of Endocrinology</i> , 2006, 191, 665-676.	1.2	58
13	Mesenchymal stromal cells (MSCs) and colorectal cancer: a troublesome twosome for the anti-tumour immune response?. <i>Oncotarget</i> , 2016, 7, 60752-60774.	0.8	56
14	Chitosan-Coated PLGA Nanoparticles Encapsulating Triamcinolone Acetonide as a Potential Candidate for Sustained Ocular Drug Delivery. <i>Pharmaceutics</i> , 2021, 13, 1590.	2.0	40
15	Comparative antiproliferative effects of iniparib and olaparib on a panel of triple-negative and non-triple-negative breast cancer cell lines. <i>Cancer Biology and Therapy</i> , 2013, 14, 537-545.	1.5	35
16	Neuromedin U: A Candidate Biomarker and Therapeutic Target to Predict and Overcome Resistance to HER-Tyrosine Kinase Inhibitors. <i>Cancer Research</i> , 2014, 74, 3821-3833.	0.4	34
17	Subclinical Detection of Diabetic Cardiomyopathy with MicroRNAs: Challenges and Perspectives. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-12.	1.0	33
18	MAGE-D4B is a novel marker of poor prognosis and potential therapeutic target involved in breast cancer tumorigenesis. <i>International Journal of Cancer</i> , 2012, 130, 1991-2002.	2.3	26

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19	Decreasing Txnip mRNA and Protein Levels in Pancreatic MIN6 Cells Reduces Reactive Oxygen Species and Restores Glucose Regulated Insulin Secretion. Cellular Physiology and Biochemistry, 2010, 25, 667-674.	1.1	25
20	The Role of Deregulated MicroRNAs in Age-Related Macular Degeneration Pathology. Translational Vision Science and Technology, 2021, 10, 12.	1.1	23
21	Dexamethasone-Loaded Nanostructured Lipid Carriers for the Treatment of Dry Eye Disease. Pharmaceutics, 2021, 13, 905.	2.0	23
22	Development of acquired resistance to lapatinib may sensitise HER2-positive breast cancer cells to apoptosis induction by obatoclax and TRAIL. BMC Cancer, 2018, 18, 965.	1.1	21
23	Nanosensitive optical coherence tomography to assess wound healing within the cornea. Biomedical Optics Express, 2020, 11, 3407.	1.5	17
24	Detection of Amplifiable mRNA Extracellular to Insulin-Producing Cells: Potential for Predicting Beta Cell Mass and Function. Clinical Chemistry, 2007, 53, 1936-1944.	1.5	15
25	Proteomic analysis of conditioned media from glucose responsive and glucose non-responsive phenotypes reveals a panel of secreted proteins associated with beta cell dysfunction. Electrophoresis, 2008, 29, 4141-4149.	1.3	14
26	Software and Tools for Microarray Data Analysis. Methods in Molecular Biology, 2011, 784, 41-53.	0.4	14
27	The use of LC-MS to identify differentially expressed proteins in docetaxel-resistant prostate cancer cell lines. Proteomics, 2012, 12, 2115-2126.	1.3	13
28	MicroRNA Profiling of Exosomes Isolated from Biofluids and Conditioned Media. Methods in Molecular Biology, 2014, 1182, 131-144.	0.4	12
29	Identification of Novel Serum MicroRNAs in Age-Related Macular Degeneration. Translational Vision Science and Technology, 2020, 9, 28.	1.1	12
30	Exosomal MicroRNA Discovery in Age-Related Macular Degeneration. Methods in Molecular Biology, 2017, 1509, 93-113.	0.4	9
31	Suppression of Blinking and Enhancement of Optical Properties of Core-Shell Quantum Dots by Structural Formulation. IEEE Nanotechnology Magazine, 2020, 19, 792-799.	1.1	7
32	Analysis of Changes in Phosphorylation of Receptor Tyrosine Kinases: Antibody Arrays. Methods in Molecular Biology, 2015, 1233, 15-23.	0.4	5
33	Reverse-Transcriptase Polymerase Chain Reaction to Detect Extracellular mRNAs. Methods in Molecular Biology, 2011, 784, 15-25.	0.4	4
34	Enhancement of fluorescence of single quantum dots by encasing in semiconductor and metal nanoparticles. Journal of Applied Physics, 2021, 130, .	1.1	3
35	Quantitative assessment of rat corneal thickness and morphology during stem cell therapy by high-speed optical coherence tomography. , 2016, , .		1
36	The potential of miR-630, an IGF1R regulator, as a predictive biomarker for HER2-targeted drugs.. Journal of Clinical Oncology, 2013, 31, 620-620.	0.8	0

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37	Neuromedin U to increase IL-6 levels and to expand cancer stem cells in HER2-positive breast cancer cells.. Journal of Clinical Oncology, 2015, 33, 614-614.	0.8	0