

Debasis Mondal

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,011
citations

304743

22
h-index

243625

44
g-index

50
all docs

50
docs citations

50
times ranked

3746
citing authors

#	ARTICLE	IF	CITATIONS
1	Neoplastic Reprogramming of Patient-Derived Adipose Stem Cells by Prostate Cancer Cell-Associated Exosomes. <i>Stem Cells</i> , 2014, 32, 983-997.	3.2	240
2	High-throughput screening identified selective inhibitors of exosome biogenesis and secretion: A drug repurposing strategy for advanced cancer. <i>Scientific Reports</i> , 2018, 8, 8161.	3.3	199
3	Manumycin A suppresses exosome biogenesis and secretion via targeted inhibition of Ras/Raf/ERK1/2 signaling and hnRNP H1 in castration-resistant prostate cancer cells. <i>Cancer Letters</i> , 2017, 408, 73-81.	7.2	158
4	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. <i>Cell</i> , 2019, 177, 231-242.	28.9	152
5	Studies on molecular mechanisms of growth inhibitory effects of thymoquinone against prostate cancer cells: role of reactive oxygen species. <i>Experimental Biology and Medicine</i> , 2010, 235, 751-760.	2.4	113
6	Anticancer and chemosensitizing abilities of cycloviolacin O2 from <i>Viola odorata</i> and psyle cyclotides from <i>Psychotria leptothyrsa</i> . <i>Biopolymers</i> , 2010, 94, 617-625.	2.4	95
7	HAART Drugs Induce Oxidative Stress in Human Endothelial Cells and Increase Endothelial Recruitment of Mononuclear Cells: Exacerbation by Inflammatory Cytokines and Amelioration by Antioxidants. <i>Cardiovascular Toxicology</i> , 2004, 4, 287-302.	2.7	92
8	Doxorubicin resistance in breast cancer is driven by light at night-induced disruption of the circadian melatonin signal. <i>Journal of Pineal Research</i> , 2015, 59, 60-69.	7.4	82
9	MRP (ABCC) Transporters-Mediated Efflux of Anti-HIV Drugs, Saquinavir and Zidovudine, from Human Endothelial Cells. <i>Experimental Biology and Medicine</i> , 2008, 233, 1149-1160.	2.4	68
10	HIV-1 Protease Inhibitor Induced Oxidative Stress Suppresses Glucose Stimulated Insulin Release: Protection with Thymoquinone. <i>Experimental Biology and Medicine</i> , 2009, 234, 442-453.	2.4	67
11	Nrf1 and Nrf2 Transcription Factors Regulate Androgen Receptor Transactivation in Prostate Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e87204.	2.5	59
12	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26533.	12.2	51
13	Subverting ER-Stress towards Apoptosis by Nelfinavir and Curcumin Coexposure Augments Docetaxel Efficacy in Castration Resistant Prostate Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e103109.	2.5	51
14	Tripping on TRIB3 at the junction of health, metabolic dysfunction and cancer. <i>Biochimie</i> , 2016, 124, 34-52.	2.6	45
15	Nelfinavir targets multiple drug resistance mechanisms to increase the efficacy of doxorubicin in MCF-7/Dox breast cancer cells. <i>Biochimie</i> , 2016, 124, 53-64.	2.6	39
16	Suppression of Clonogenic Potential of Human Bone Marrow Mesenchymal Stem Cells by HIV Type 1: Putative Role of HIV Type 1 Tat Protein and Inflammatory Cytokines. <i>AIDS Research and Human Retroviruses</i> , 2002, 18, 917-931.	1.1	38
17	Multimodal actions of the phytochemical sulforaphane suppress both AR and AR-V7 in 22Rv1 cells: Advocating a potent pharmaceutical combination against castration-resistant prostate cancer. <i>Oncology Reports</i> , 2017, 38, 2774-2786.	2.6	30
18	Selective targeting of FAK-Pyk2 axis by alpha-naphthoflavone abrogates doxorubicin resistance in breast cancer cells. <i>Cancer Letters</i> , 2015, 362, 25-35.	7.2	28

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19	The Nrf1 and Nrf2 Balance in Oxidative Stress Regulation and Androgen Signaling in Prostate Cancer Cells. <i>Cancers</i> , 2010, 2, 1354-1378.	3.7	26
20	A systematic approach to document cyclotide distribution in plant species from genomic, transcriptomic, and peptidomic analysis. <i>Biopolymers</i> , 2013, 100, 433-437.	2.4	26
21	Cycloviolacin O2 (CyO2) suppresses productive infection and augments the antiviral efficacy of nelfinavir in HIV-1 infected monocytic cells. <i>Biopolymers</i> , 2013, 100, 471-479.	2.4	26
22	Mesenchymal stem cells are attracted to latent HIV-1-infected cells and enable virus reactivation via a non-canonical PI3K-NF- κ B signaling pathway. <i>Scientific Reports</i> , 2018, 8, 14702.	3.3	24
23	Synergistic Antiadipogenic Effects of HIV Type 1 Protease Inhibitors with Tumor Necrosis Factor- α : Suppression of Extracellular Insulin Action Mediated by Extracellular Matrix-Degrading Proteases. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 1569-1584.	1.1	23
24	Mesenchymal stem cell derived hematopoietic cells are permissive to HIV-1 infection. <i>Retrovirology</i> , 2011, 8, 3.	2.0	23
25	An Ex Vivo Model for Anti-Angiogenic Drug Testing on Intact Microvascular Networks. <i>PLoS ONE</i> , 2015, 10, e0119227.	2.5	23
26	Montelukast Is a Potent and Durable Inhibitor of Multidrug Resistance Protein 2-Mediated Efflux of Taxol and Saquinavir. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 2002-2009.	1.4	19
27	Sulforaphane increases the efficacy of anti-androgens by rapidly decreasing androgen receptor levels in prostate cancer cells. <i>International Journal of Oncology</i> , 2016, 49, 1609-1619.	3.3	19
28	Bardoxolone-Methyl (CDDO-Me) Suppresses Androgen Receptor and Its Splice-Variant AR-V7 and Enhances Efficacy of Enzalutamide in Prostate Cancer Cells. <i>Antioxidants</i> , 2020, 9, 68.	5.1	19
29	The Membrane-Active Phytopeptide Cycloviolacin O2 Simultaneously Targets HIV-1-infected Cells and Infectious Viral Particles to Potentiate the Efficacy of Antiretroviral Drugs. <i>Medicines (Basel)</i> Tj ETQq1 1 0.784314 igBT /Overlock 10 Tf		
30	Specific Increase in MDR1 Mediated Drug-Efflux in Human Brain Endothelial Cells following Co-Exposure to HIV-1 and Saquinavir. <i>PLoS ONE</i> , 2013, 8, e75374.	2.5	17
31	Estradiol-ER β 2 signaling axis confers growth and migration of CRPC cells through TMPRSS2-ETV5 gene fusion. <i>Oncotarget</i> , 2017, 8, 62820-62833.	1.8	16
32	Role of MRP transporters in regulating antimicrobial drug inefficacy and oxidative stress-induced pathogenesis during HIV-1 and TB infections. <i>Frontiers in Microbiology</i> , 2015, 6, 948.	3.5	15
33	The Antiretroviral Agent Nelfinavir Mesylate. <i>Arthritis and Rheumatology</i> , 2018, 70, 115-126.	5.6	15
34	Latent HIV-Exosomes Induce Mitochondrial Hyperfusion Due to Loss of Phosphorylated Dynamin-Related Protein 1 in Brain Endothelium. <i>Molecular Neurobiology</i> , 2021, 58, 2974-2989.	4.0	15
35	The HIV-1 Tat Protein Selectively Enhances CXCR4 and Inhibits CCR5 Expression in Megakaryocytic K562 Cells. <i>Experimental Biology and Medicine</i> , 2005, 230, 631-644.	2.4	12
36	Osteopathic Manipulative Medicine: A Brief Review of the Hands-On Treatment Approaches and Their Therapeutic Uses. <i>Medicines (Basel, Switzerland)</i> , 2022, 9, 33.	1.4	12

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37	Effect of HIV Type 1 Tat Protein on Butyric Acid-Induced Differentiation in a Hematopoietic Progenitor Cell Line. <i>AIDS Research and Human Retroviruses</i> , 1996, 12, 1529-1536.	1.1	11
38	An Ex Vivo Tissue Culture Model for Anti-angiogenic Drug Testing. <i>Methods in Molecular Biology</i> , 2016, 1464, 85-95.	0.9	8
39	The HIV-1 Tat Protein Enhances Megakaryocytic Commitment of K562 Cells by Facilitating CREB Transcription Factor Coactivation by CBP. <i>Experimental Biology and Medicine</i> , 2005, 230, 872-884.	2.4	7
40	A New Humanized Mouse Model Mimics Humans in Lacking α -Gal Epitopes and Secreting Anti-Gal Antibodies. <i>Journal of Immunology</i> , 2020, 204, 1998-2005.	0.8	7
41	PRL increases the aggressive phenotype of prostate cancer cells <i>in vitro</i> and its expression correlates with high-grade prostate tumors in patients. <i>International Journal of Oncology</i> , 2017, 52, 402-412.	3.3	6
42	Oxidative stress and redox signaling in CRPC progression: therapeutic potential of clinically-tested Nrf2-activators. , 2021, 4, 96-124.		6
43	Nelfinavir suppresses insulin signaling and nitric oxide production by human aortic endothelial cells: protective effects of thiazolidinediones. <i>Ochsner Journal</i> , 2013, 13, 76-90.	1.1	6
44	Pre-Exposure to Stress-Inducing Agents Increase the Anticancer Efficacy of Focused Ultrasound against Aggressive Prostate Cancer Cells. <i>Antioxidants</i> , 2022, 11, 341.	5.1	3
45	Monitoring the anti-cancer effects and chemosensitizing abilities of novel cyclotides from <i>Psychotria leptothyrsa</i> . <i>FASEB Journal</i> , 2009, 23, 756.10.	0.5	1
46	Examination of the Neuroprotective Effects of Various Formulations of Curcumin Against Methylmercury induced Toxicity in Human Neuroblastoma (SH-SY5Y) Cells. <i>FASEB Journal</i> , 2011, 25, 1004.6.	0.5	1
47	Naturally Occurring Cyclic Peptides and Their Potential Application in HIV Therapeutics. <i>Journal of Biologically Active Products From Nature</i> , 2012, 2, 1-29.	0.3	0
48	Latent HIV-1 Exosomes Induce Mitochondrial Hyperfusion due to Loss of Phosphorylated Dynamin-related Protein 1 in Brain Endothelium. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
49	Vascular endothelial cells from different tissues express functional MDR1 (P-gp) and MRP membrane transporters which efflux HIV-1 protease inhibitors: possible role in persistence of perivascular reservoirs of HIV-1. <i>FASEB Journal</i> , 2006, 20, A1127.	0.5	0
50	HIV-1 protease inhibitors suppress insulin secretion in pancreatic β cells : role of oxidative stress and endoplasmic reticulum stress and protection by thymoquinone (TQ). <i>FASEB Journal</i> , 2008, 22, 1131.2.	0.5	0