

Ravi Vellanki

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

830
citations

394421

19
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1794
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and characterization of an alkaline keratinase from <i>Streptomyces</i> sp.. <i>Bioresource Technology</i> , 2008, 99, 1596-1602.	9.6	102
2	Identification of P450 Oxidoreductase as a Major Determinant of Sensitivity to Hypoxia-Activated Prodrugs. <i>Cancer Research</i> , 2015, 75, 4211-4223.	0.9	65
3	Purification and characterization of a solvent and detergent-stable novel protease from <i>Bacillus cereus</i> . <i>Microbiological Research</i> , 2009, 164, 383-390.	5.3	54
4	AMPK regulates metabolism and survival in response to ionizing radiation. <i>Radiotherapy and Oncology</i> , 2011, 99, 293-299.	0.6	53
5	OASIS/CREB3L1 Induces Expression of Genes Involved in Extracellular Matrix Production But Not Classical Endoplasmic Reticulum Stress Response Genes in Pancreatic β^2 -Cells. <i>Endocrinology</i> , 2010, 151, 4146-4157.	2.8	46
6	CHCHD2 Is Coamplified with EGFR in NSCLC and Regulates Mitochondrial Function and Cell Migration. <i>Molecular Cancer Research</i> , 2015, 13, 1119-1129.	3.4	43
7	Metabolic targeting of HIF-dependent glycolysis reduces lactate, increases oxygen consumption and enhances response to high-dose single-fraction radiotherapy in hypoxic solid tumors. <i>BMC Cancer</i> , 2017, 17, 418.	2.6	43
8	New small molecule inhibitors of UPR activation demonstrate that PERK, but not IRE1 α signaling is essential for promoting adaptation and survival to hypoxia. <i>Radiotherapy and Oncology</i> , 2013, 108, 541-547.	0.6	41
9	Contributions of AMPK and p53 dependent signaling to radiation response in the presence of metformin. <i>Radiotherapy and Oncology</i> , 2013, 108, 446-450.	0.6	41
10	Identification of Hypoxic Cells Using an Organotellurium Tag Compatible with Mass Cytometry. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11473-11477.	13.8	37
11	Tumor necrosis factor allelic polymorphism with diabetic retinopathy in India. <i>Diabetes Research and Clinical Practice</i> , 2001, 54, 89-94.	2.8	35
12	OASIS/CREB3L1 Is Induced by Endoplasmic Reticulum Stress in Human Glioma Cell Lines and Contributes to the Unfolded Protein Response, Extracellular Matrix Production and Cell Migration. <i>PLoS ONE</i> , 2013, 8, e54060.	2.5	32
13	Isotopologous Organotellurium Probes Reveal Dynamic Hypoxia In Vivo with Cellular Resolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13159-13163.	13.8	32
14	Inducible nitric oxide synthase gene and diabetic retinopathy in Asian Indian patients. <i>Clinical Genetics</i> , 2002, 61, 344-348.	2.0	27
15	MATE2 Expression Is Associated with Cancer Cell Response to Metformin. <i>PLoS ONE</i> , 2016, 11, e0165214.	2.5	25
16	Purification and characterization of two novel extra cellular proteases from <i>Serratia rubidaea</i> . <i>Process Biochemistry</i> , 2007, 42, 1229-1236.	3.7	24
17	The mTOR Targets 4E-BP1/2 Restrains Tumor Growth and Promotes Hypoxia Tolerance in PTEN-driven Prostate Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 682-695.	3.4	24
18	Constitutive Expression and Optimization of Nutrients for Streptokinase Production by <i>Pichia pastoris</i> Using Statistical Methods. <i>Applied Biochemistry and Biotechnology</i> , 2009, 158, 25-40.	2.9	22

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19	Single and double incompatibility at vWA and D8S1179/D21S11 loci between mother and child: Implications in kinship analysis. <i>Clinica Chimica Acta</i> , 2008, 395, 162-165.	1.1	21
20	Expression of hepatitis B surface antigen in <i>Saccharomyces cerevisiae</i> utilizing glyceraldehyde-3-phosphate dehydrogenase promoter of <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2007, 29, 313-318.	2.2	16
21	Mother-child double incompatibility at vWA and D5S818 loci in paternity testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 1288-91.	2.3	10
22	Constitutive Optimized Production of Streptokinase in <i>Saccharomyces cerevisiae</i> Utilizing Glyceraldehyde 3-Phosphate Dehydrogenase Promoter of <i>Pichia pastoris</i> . <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	10
23	Microsatellite mutation in the maternally/paternally transmitted D18S51 locus: Two cases of allele mismatch in the child. <i>Clinica Chimica Acta</i> , 2007, 381, 171-175.	1.1	9
24	Identifying the murine mammary cell target of metformin exposure. <i>Communications Biology</i> , 2019, 2, 192.	4.4	8
25	Paternal exclusion: allele sharing in microsatellite testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1586-8.	2.3	5
26	De novo deletion at D13S317 locus: A case of paternal-child allele mismatch identified by microsatellite typing. <i>Clinica Chimica Acta</i> , 2009, 403, 264-265.	1.1	3
27	Multi step microsatellite mutations leading to mother-child double variance - A case of non-exclusion parentage. <i>Clinica Chimica Acta</i> , 2010, 411, 996-997.	1.1	1
28	Abstract 4109: The unfolded protein response promotes tolerance to extreme hypoxia through autophagy dependent maintenance of cellular metabolism. , 2012, , .		0
29	Abstract C284: IRE1 and PERK as targets of cellular adaptation and survival to hypoxia.. , 2013, , .		0