Vihas T Vasu

List of Publications by Year
in descending order

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42 papers	1,320 citations	331259 21 h-index	344852 36 g-index
44 all docs	44 docs citations	44 times ranked	2289 citing authors

#	Article	IF	Citations
1	Metabolomic Profiling Reveals Potential Markers and Bioprocesses Altered in Bladder Cancer Progression. Cancer Research, 2011, 71, 7376-7386.	0.4	166
2	A Dose-Response Study on the Effects of Purified Lycopene Supplementation on Biomarkers of Oxidative Stress. Journal of the American College of Nutrition, 2008, 27, 267-273.	1.1	108
3	Glucose lowering effect of aqueous extract of Enicostemma littorale Blume in diabetes: a possible mechanism of action. Journal of Ethnopharmacology, 2002, 81, 317-320.	2.0	97
4	Metabolomic Profiling Reveals a Role for Androgen in Activating Amino Acid Metabolism and Methylation in Prostate Cancer Cells. PLoS ONE, 2011, 6, e21417.	1.1	75
5	Modulation of ozone-sensitive genes in alpha-tocopherol transfer protein null mice. Inhalation Toxicology, 2010, 22, 1-16.	0.8	73
6	Inhibition of the hexosamine biosynthetic pathway promotes castration-resistant prostate cancer. Nature Communications, 2016, 7, 11612.	5.8	66
7	Hypolipidaemic and antioxidant effect of Enicostemma littorale Blume aqueous extract in cholesterol fed rats. Journal of Ethnopharmacology, 2005, 101, 277-282.	2.0	62
8	Dose dependent hypoglycemic effect of aqueous extract of Enicostemma littorale Blume in alloxan induced diabetic rats. Phytomedicine, 2003, 10, 196-199.	2.3	59
9	Nr1d1, an Important Circadian Pathway Regulatory Gene, Is Suppressed By Cigarette Smoke in Murine Lungs. Integrative Cancer Therapies, 2009, 8, 321-328.	0.8	43
10	Dietary Î±â€tocopherol and neuromuscular health: Search for optimal dose and molecular mechanisms continues!. Molecular Nutrition and Food Research, 2010, 54, 693-709.	1.5	39
11	Contributions of KRAS and RAL in Nonâ€“Small-Cell Lung Cancer Growth and Progression. Journal of Thoracic Oncology, 2013, 8, 1492-1501.	0.5	39
12	A high-fat diet containing whole walnuts (Juglans regia) reduces tumour size and growth along with plasma insulin-like growth factor 1 in the transgenic adenocarcinoma of the mouse prostate model. British Journal of Nutrition, 2012, 108, 1764-1772.	1.2	38
13	Mice lacking Î±-tocopherol transfer protein gene have severe Î±-tocopherol deficiency in multiple regions of the central nervous system. Brain Research, 2008, 1201, 167-176.	1.1	36
14	Genome-wide screening of alpha-tocopherol sensitive genes in heart tissue from alpha-tocopherol transfer protein null mice (ATTPâ¯/â¯). FEBS Letters, 2007, 581, 1572-1578.	1.3	30
15	Maternal obesity affects gene expression and cellular development in fetal brains. Nutritional Neuroscience, 2013, 16, 96-103.	1.5	30
16	Severe Vitamin E deficiency modulates airway allergic inflammatory responses in the murine asthma model. Free Radical Research, 2008, 42, 387-396.	1.5	26
17	Antidiabetic Efficacy of Enicostemma littorale Methanol Extract in Alloxan-Induced Diabetic Rats. Pharmaceutical Biology, 2003, 41, 388-391.	1.3	25
18	Lung vitamin E transport processes are affected by both age and environmental oxidants in miceâ¯†. Toxicology and Applied Pharmacology, 2007, 222, 227-234.	1.3	25

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19	Genome wide responses of murine lungs to dietary Î±-tocopherol. Free Radical Research, 2007, 41, 98-133.	1.5	23
20	Sarcolipin and ubiquitin carboxy-terminal hydrolase 1 mRNAs are over-expressed in skeletal muscles ofÎ±-tocopherol deficient mice. Free Radical Research, 2009, 43, 106-116.	1.5	22
21	Myeloperoxidase-dependent oxidative metabolism of nitric oxide in the cystic fibrosis airway. Journal of Cystic Fibrosis, 2010, 9, 84-92.	0.3	22
22	Evaluation of thiol-based antioxidant therapeutics in cystic fibrosis sputum: Focus on myeloperoxidase. Free Radical Research, 2011, 45, 165-176.	1.5	22
23	Bioinformatics-driven discovery of rational combination for overcoming EGFR-mutant lung cancer resistance to EGFR therapy. Bioinformatics, 2014, 30, 2393-2398.	1.8	22
24	Tocopherol transfer protein deficiency modifies nuclear receptor transcriptional networks in lungs: Modulation by cigarette smoke in vivo. Molecular Aspects of Medicine, 2007, 28, 453-480.	2.7	21
25	HER2 activation results in Î²-catenin-dependent changes in pulmonary epithelial permeability. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L199-L207.	1.3	20
26	Evaluation of long-term vitamin E insufficiency or excess on bone mass, density, and microarchitecture in rodents. Free Radical Biology and Medicine, 2013, 65, 1209-1214.	1.3	19
27	Metabolites of Purine Nucleoside Phosphorylase (NP) in Serum Have the Potential to Delineate Pancreatic Adenocarcinoma. PLoS ONE, 2011, 6, e17177.	1.1	18
28	Cigarette Smoke Induces Human Epidermal Receptor 2â€“Dependent Changes in Epithelial Permeability. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 853-864.	1.4	17
29	Bronchoalveolar lavage neuregulin-1 is elevated in acute lung injury and correlates with inflammation. European Respiratory Journal, 2013, 41, 396-401.	3.1	16
30	Nitroxide radical TEMPO reduces ozone-induced chemokine IL-8 production in lung epithelial cells. Toxicology in Vitro, 2009, 23, 365-370.	1.1	15
31	Effects of dietary carotenoids on mouse lung genomic profiles and their modulatory effects on short-term cigarette smoke exposures. Genes and Nutrition, 2009, 4, 23-39.	1.2	13
32	A facile chemical cross-linking approach toward the fabrication of a sustainable porous ulvan scaffold. Journal of Bioactive and Compatible Polymers, 2020, 35, 301-313.	0.8	13
33	Thermoresponsive liquid crystalline formulation of Exemestane: Design and structural characterization. Colloids and Surfaces B: Biointerfaces, 2021, 202, 111683.	2.5	9
34	Combating oxidative stress at respiratory tract biosurfaces: Challenges yet to be resolved, a commentary on â€œVitamin supplementation does not protect against symptoms in ozone-responsive subjectsâ€• Free Radical Biology and Medicine, 2006, 40, 1693-1697.	1.3	8
35	The Kinome of Human Alveolar Type II and Basal Cells, and Its Reprogramming in Lung Cancer. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 481-491.	1.4	1
36	Circadian disruption in lung cancer. Chronobiology International, 2021, 38, 1797-1808.	0.9	1

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37	Lutein Sensitive Genes in Lung: Modulation by Cigarette Smoke (CS). FASEB Journal, 2006, 20, A611.	0.2	1
38	Vitamin E Modulates Inflammatory Responses Induced by Cigarette Smoke (CS) Exposure in alpha â€Tocopherol Transfer Protein (TTP) Null Mice. FASEB Journal, 2006, 20, A603.	0.2	0
39	Global gene expression profile of lungs from C57BL6 alphaâ€tocopherol transfer protein null mice (TTP) Tj ETQq1 1 0.784314 rgBT /Ove	0.2	0
40	Oncogenic transcriptome of A/J lungs. FASEB Journal, 2008, 22, 470.2.	0.2	0
41	Leukocyteâ€derived Myeloperoxidase modulates the expression of multiple Hepatic Gene Families during acute systemic Inflammation. FASEB Journal, 2008, 22, 798.10.	0.2	0
42	Inhibition of Myeloperoxidase by Phenazineâ€Based Bacterial Metabolites: Implications for Cystic Fibrosis. FASEB Journal, 2010, 24, lb711.	0.2	0