Arun Kumar Trivedi

List of Publications by Year
in descending order

52	1,252	377584	445137
papers	citations	21 h-index	33 g-index

55	55	55	2365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteomic analysis of TGFÎ²â€‐induced A549 secretome identifies putative regulators of epithelialâ€“mesenchymal transition. Biotechnology and Applied Biochemistry, 2022, 69, 442-450.	1.4	1
2	Estradiol overcomes adiponectin-resistance in diabetic mice by regulating skeletal muscle adiponectin receptor 1 expression. Molecular and Cellular Endocrinology, 2022, 540, 111525.	1.6	5
3	SOX4-mediated FBW7 transcriptional upregulation confers Tamoxifen resistance in ER+ breast cancers via GATA3 downregulation. Life Sciences, 2022, 303, 120682.	2.0	4
4	FBW7 Inhibits Myeloid Differentiation in Acute Myeloid Leukemia via GSK3-Dependent Ubiquitination of PU.1. Molecular Cancer Research, 2021, 19, 261-273.	1.5	17
5	CDK2-instigates C/EBPÎ± degradation through SKP2 in Acute myeloid leukemia. Medical Oncology, 2021, 38, 69.	1.2	6
6	Adiponectin receptors by increasing mitochondrial biogenesis and respiration promote osteoblast differentiation: Discovery of isovitexin as a new class of small molecule adiponectin receptor modulator with potential osteoanabolic function. European Journal of Pharmacology, 2021, 913, 174634.	1.7	10
7	Aurora kinase A-mediated phosphorylation of mPOU at a specific site drives skeletal muscle differentiation. Journal of Biochemistry, 2020, 167, 195-201.	0.9	2
8	CDK2 destabilizes tumor suppressor C/EBPÎ± expression through ubiquitinâ€mediated proteasome degradation in acute myeloid leukemia. Journal of Cellular Biochemistry, 2020, 121, 2839-2850.	1.2	11
9	Long acting GLP-1 analog liraglutide ameliorates skeletal muscle atrophy in rodents. Metabolism: Clinical and Experimental, 2020, 103, 154044.	1.5	19
10	Regulation of apoptosis by E3 ubiquitin ligases in ubiquitin proteasome system. Cell Biology International, 2020, 44, 721-734.	1.4	13
11	Chebulinic acid inhibits MDAâ€MBâ€231 breast cancer metastasis and promotes cell death through down regulation of SOD1 and induction of autophagy. Cell Biology International, 2020, 44, 2553-2569.	1.4	16
12	E3 ligase SCFSKP2 ubiquitinates and degrades tumor suppressor C/EBPÎ± in acute myeloid leukemia. Life Sciences, 2020, 257, 118041.	2.0	12
13	Leprosy drug clofazimine activates peroxisome proliferator-activated receptor-Î³ and synergizes with imatinib to inhibit chronic myeloid leukemia cells. Haematologica, 2020, 105, 971-986.	1.7	13
14	Nanoâ€LC based proteomic approach identifies that E6AP interacts with ENO1 and targets it for degradation in breast cancer cells. IUBMB Life, 2019, 71, 1896-1905.	1.5	3
15	Haploinsufficient tumor suppressor Tip60 negatively regulates oncogenic Aurora B kinase. Journal of Biosciences, 2019, 44, 1.	0.5	8
16	BMP signaling-driven osteogenesis is critically dependent on Prdx-1 expression-mediated maintenance of chondrocyte prehypetrophy. Free Radical Biology and Medicine, 2018, 118, 1-12.	1.3	15
17	Guava fruit extract and its triterpene constituents have osteoanabolic effect: Stimulation of osteoblast differentiation by activation of mitochondrial respiration via the Wnt/Î²-catenin signaling. Journal of Nutritional Biochemistry, 2017, 44, 22-34.	1.9	31
18	E6AP inhibits G-CSFR turnover and functions by promoting its ubiquitin-dependent proteasome degradation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1545-1553.	1.9	5

#	Article	IF	Citations
19	Pharmacological activation of aldehyde dehydrogenase 2 promotes osteoblast differentiation via bone morphogenetic protein-2 and induces bone anabolic effect. Toxicology and Applied Pharmacology, 2017, 316, 63-73.	1.3	11
20	Chebulinic Acid Isolated From the Fruits of <scp>Terminalia chebula</scp> Specifically Induces Apoptosis in Acute Myeloid Leukemia Cells. Phytotherapy Research, 2017, 31, 1849-1857.	2.8	20
21	Globular adiponectin reverses osteo-sarcopenia and altered body composition in ovariectomized rats. Bone, 2017, 105, 75-86.	1.4	39
22	Small molecule adiponectin receptor agonist GTDF protects against skeletal muscle atrophy. Molecular and Cellular Endocrinology, 2017, 439, 273-285.	1.6	25
23	Epidermal growth factor receptor inhibitor cancer drug gefitinib modulates cell growth and differentiation of acute myeloid leukemia cells via histamine receptors. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2178-2190.	1.1	13
24	Ubiquitin Ligase, Fbw7, Targets CDX2 for Degradation via Two Phosphodegron Motifs in a GSK3Î²-Dependent Manner. Molecular Cancer Research, 2016, 14, 1097-1109.	1.5	11
25	BMP signaling is required for adult skeletal homeostasis and mediates bone anabolic action of parathyroid hormone. Bone, 2016, 92, 132-144.	1.4	25
26	Skp2 inhibits osteogenesis by promoting ubiquitinâ€“proteasome degradation of Runx2. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 510-519.	1.9	32
27	Theophylline, a methylxanthine drug induces osteopenia and alters calciotropic hormones, and prophylactic vitamin D treatment protects against these changes in rats. Toxicology and Applied Pharmacology, 2016, 295, 12-25.	1.3	30
28	Identification of Î²-Amino alcohol grafted 1,4,5 trisubstituted 1,2,3-triazoles as potent antimalarial agents. European Journal of Medicinal Chemistry, 2016, 109, 187-198.	2.6	29
29	Proteomic discovery of MNT as a novel interacting partner of E3 ubiquitin ligase E6AP and a key mediator of myeloid differentiation. Oncotarget, 2016, 7, 7640-7656.	0.8	18
30	Pathophysiological Mechanism of Bone Loss in Type 2 Diabetes Involves Inverse Regulation of Osteoblast Function by PGC-1Î± and Skeletal Muscle Atrogenes: AdipoR1 as a Potential Target for Reversing Diabetes-Induced Osteopenia. Diabetes, 2015, 64, 2609-2623.	0.3	54
31	Prunetin signals via G-protein-coupled receptor, GPR30(GPER1): Stimulation of adenylyl cyclase and cAMP-mediated activation of MAPK signaling induces Runx2 expression in osteoblasts to promote bone regeneration. Journal of Nutritional Biochemistry, 2015, 26, 1491-1501.	1.9	45
32	E3 Ubiquitin Ligase Fbw7 Negatively Regulates Osteoblast Differentiation by Targeting Runx2 for Degradation. Journal of Biological Chemistry, 2015, 290, 30975-30987.	1.6	29
33	Synthetic FXR Agonist GW4064 Is a Modulator of Multiple G Proteinâ€“Coupled Receptors. Molecular Endocrinology, 2014, 28, 659-673.	3.7	22
34	Orally Active Osteoanabolic Agent GTDF Binds to Adiponectin Receptors, With a Preference for AdipoR1, Induces Adiponectin-Associated Signaling, and Improves Metabolic Health in a Rodent Model of Diabetes. Diabetes, 2014, 63, 3530-3544.	0.3	33
35	Thioaryl Naphthylmethanone Oxime Ether Analogs as Novel Anticancer Agents. Journal of Medicinal Chemistry, 2014, 57, 8010-8025.	2.9	36
36	Proteomic analysis of rosiglitazone and guggulsterone treated 3T3-L1 preadipocytes. Molecular and Cellular Biochemistry, 2013, 376, 81-93.	1.4	24

#	Article	IF	Citations
37	Amino acids derived benzoxazepines: Design, synthesis and antitumor activity. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6816-6821.	1.0	19
38	E3 ubiquitin ligase Fbw7 negatively regulates granulocytic differentiation by targeting G-CSFR for degradation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2639-2652.	1.9	25
39	Chemokine receptor trio: CXCR3, CXCR4 and CXCR7 crosstalk via CXCL11 and CXCL12. Cytokine and Growth Factor Reviews, 2013, 24, 41-49.	3.2	156
40	Proteomic identification of Profilin1 as a corepressor of estrogen receptor alpha in MCF7 breast cancer cells. Proteomics, 2013, 13, 2100-2112.	1.3	16
41	E3 Ubiquitin Ligase E6AP Negatively Regulates Adipogenesis by Downregulating Proadipogenic Factor C/EBPalpha. PLoS ONE, 2013, 8, e65330.	1.1	20
42	Proteomics approaches for myeloid leukemia drug discovery. Expert Opinion on Drug Discovery, 2012, 7, 1165-1175.	2.5	8
43	Proteomic identification of <scp>E</scp>6<scp>AP</scp> as a molecular target of tamoxifen in <scp>MCF</scp>7 cells. Proteomics, 2012, 12, 1363-1377.	1.3	21
44	Medicarpin, a legume phytoalexin, stimulates osteoblast differentiation and promotes peak bone mass achievement in rats: evidence for estrogen receptor Î²-mediated osteogenic action of medicarpin. Journal of Nutritional Biochemistry, 2012, 23, 27-38.	1.9	59
45	Bile Acid Receptor Agonist GW4064 Regulates PPARÎ³ Coactivator-1Î± Expression Through Estrogen Receptor-Related Receptor Î±. Molecular Endocrinology, 2011, 25, 922-932.	3.7	30
46	2â€D gel electrophoresisâ€based proteomic analysis reveals that ormeloxifen induces G0â€“G1 growth arrest and ERKâ€mediated apoptosis in chronic myeloid leukemia cells K562. Proteomics, 2011, 11, 1517-1529.	1.3	38
47	Proteomic approaches in myeloid leukemia. Electrophoresis, 2011, 32, 357-367.	1.3	9
48	Proteomics of AML1/ETO Target Proteins: AML1â€“ETO Targets a C/EBPâ€“NM23 Pathway. Clinical Proteomics, 2010, 6, 83-91.	1.1	1
49	Ectopic expression of hC/EBPs in breast tumor cells induces apoptosis. Molecular and Cellular Biochemistry, 2010, 337, 111-118.	1.4	9
50	Synthesis and cytotoxicity evaluation of (tetrahydro-Î²-carboline)-1,3,5-triazine hybrids as anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 2265-2276.	2.6	67
51	Multiple ways of C/EBPÎ± inhibition in myeloid leukaemia. European Journal of Cancer, 2008, 44, 1516-1523.	1.3	16
52	Target proteins of C/EBPÎ±p30 in AML: C/EBPÎ±p30 enhances sumoylation of C/EBPÎ±p42 via up-regulation of Ubc9. Blood, 2007, 110, 3301-3309.	0.6	69