

# Arun Kumar Trivedi

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,252  
citations

331642

21  
h-index

395678

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemokine receptor trio: CXCR3, CXCR4 and CXCR7 crosstalk via CXCL11 and CXCL12. Cytokine and Growth Factor Reviews, 2013, 24, 41-49.	7.2	156
2	Target proteins of C/EBP $\beta$ in AML: C/EBP $\beta$ enhances sumoylation of C/EBP $\beta$ 42 via up-regulation of Ubc9. Blood, 2007, 110, 3301-3309.	1.4	69
3	Synthesis and cytotoxicity evaluation of (tetrahydro- $\beta$ -carboline)-1,3,5-triazine hybrids as anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 2265-2276.	5.5	67
4	Medicarpin, a legume phytoalexin, stimulates osteoblast differentiation and promotes peak bone mass achievement in rats: evidence for estrogen receptor $\beta$ -mediated osteogenic action of medicarpin. Journal of Nutritional Biochemistry, 2012, 23, 27-38.	4.2	59
5	Pathophysiological Mechanism of Bone Loss in Type 2 Diabetes Involves Inverse Regulation of Osteoblast Function by PGC-1 $\beta$ and Skeletal Muscle Atrogenes: AdipoR1 as a Potential Target for Reversing Diabetes-Induced Osteopenia. Diabetes, 2015, 64, 2609-2623.	0.6	54
6	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.	4.2	45
7	Globular adiponectin reverses osteo-sarcopenia and altered body composition in ovariectomized rats. Bone, 2017, 105, 75-86.	2.9	39
8	2D gel electrophoresis-based proteomic analysis reveals that ormeloxifen induces G0/G1 growth arrest and ERK-mediated apoptosis in chronic myeloid leukemia cells K562. Proteomics, 2011, 11, 1517-1529.	2.2	38
9	Thioaryl Naphthylmethanone Oxime Ether Analogs as Novel Anticancer Agents. Journal of Medicinal Chemistry, 2014, 57, 8010-8025.	6.4	36
10	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.	0.6	33
11	Skp2 inhibits osteogenesis by promoting ubiquitin-proteasome degradation of Runx2. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 510-519.	4.1	32
12	Guava fruit extract and its triterpene constituents have osteoanabolic effect: Stimulation of osteoblast differentiation by activation of mitochondrial respiration via the Wnt/ $\beta$ -catenin signaling. Journal of Nutritional Biochemistry, 2017, 44, 22-34.	4.2	31
13	Bile Acid Receptor Agonist GW4064 Regulates PPAR $\beta$ Coactivator-1 $\beta$ Expression Through Estrogen Receptor-Related Receptor $\beta$ . Molecular Endocrinology, 2011, 25, 922-932.	3.7	30
14	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.	2.8	30
15	E3 Ubiquitin Ligase Fbw7 Negatively Regulates Osteoblast Differentiation by Targeting Runx2 for Degradation. Journal of Biological Chemistry, 2015, 290, 30975-30987.	3.4	29
16	Identification of $\beta$ -Amino alcohol grafted 1,4,5 trisubstituted 1,2,3-triazoles as potent antimalarial agents. European Journal of Medicinal Chemistry, 2016, 109, 187-198.	5.5	29
17	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.	4.1	25
18	BMP signaling is required for adult skeletal homeostasis and mediates bone anabolic action of parathyroid hormone. Bone, 2016, 92, 132-144.	2.9	25

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19	Small molecule adiponectin receptor agonist GTDF protects against skeletal muscle atrophy. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 273-285.	3.2	25
20	Proteomic analysis of rosiglitazone and guggulsterone treated 3T3-L1 preadipocytes. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 81-93.	3.1	24
21	Synthetic FXR Agonist GW4064 Is a Modulator of Multiple G Protein-Coupled Receptors. <i>Molecular Endocrinology</i> , 2014, 28, 659-673.	3.7	22
22	Proteomic identification of E6AP as a molecular target of tamoxifen in MCF7 cells. <i>Proteomics</i> , 2012, 12, 1363-1377.	2.2	21
23	E3 Ubiquitin Ligase E6AP Negatively Regulates Adipogenesis by Downregulating Proadipogenic Factor C/EBP $\alpha$ . <i>PLoS ONE</i> , 2013, 8, e65330.	2.5	20
24	Chebulinic Acid Isolated From the Fruits of <i>Terminalia chebula</i> Specifically Induces Apoptosis in Acute Myeloid Leukemia Cells. <i>Phytotherapy Research</i> , 2017, 31, 1849-1857.	5.8	20
25	Amino acids derived benzoxazepines: Design, synthesis and antitumor activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6816-6821.	2.2	19
26	Long acting GLP-1 analog liraglutide ameliorates skeletal muscle atrophy in rodents. <i>Metabolism: Clinical and Experimental</i> , 2020, 103, 154044.	3.4	19
27	Proteomic discovery of MNT as a novel interacting partner of E3 ubiquitin ligase E6AP and a key mediator of myeloid differentiation. <i>Oncotarget</i> , 2016, 7, 7640-7656.	1.8	18
28	FBW7 Inhibits Myeloid Differentiation in Acute Myeloid Leukemia via GSK3-Dependent Ubiquitination of PU.1. <i>Molecular Cancer Research</i> , 2021, 19, 261-273.	3.4	17
29	Multiple ways of C/EBP $\alpha$ inhibition in myeloid leukaemia. <i>European Journal of Cancer</i> , 2008, 44, 1516-1523.	2.8	16
30	Proteomic identification of Profilin1 as a corepressor of estrogen receptor alpha in MCF7 breast cancer cells. <i>Proteomics</i> , 2013, 13, 2100-2112.	2.2	16
31	Chebulinic acid inhibits MDA-MB-231 breast cancer metastasis and promotes cell death through down regulation of SOD1 and induction of autophagy. <i>Cell Biology International</i> , 2020, 44, 2553-2569.	3.0	16
32	BMP signaling-driven osteogenesis is critically dependent on Prdx-1 expression-mediated maintenance of chondrocyte prehypertrophy. <i>Free Radical Biology and Medicine</i> , 2018, 118, 1-12.	2.9	15
33	Epidermal growth factor receptor inhibitor cancer drug gefitinib modulates cell growth and differentiation of acute myeloid leukemia cells via histamine receptors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2178-2190.	2.4	13
34	Regulation of apoptosis by E3 ubiquitin ligases in ubiquitin proteasome system. <i>Cell Biology International</i> , 2020, 44, 721-734.	3.0	13
35	Leprosy drug clofazimine activates peroxisome proliferator-activated receptor- $\gamma$ 3 and synergizes with imatinib to inhibit chronic myeloid leukemia cells. <i>Haematologica</i> , 2020, 105, 971-986.	3.5	13
36	E3 ligase SCFSKP2 ubiquitinates and degrades tumor suppressor C/EBP $\alpha$ in acute myeloid leukemia. <i>Life Sciences</i> , 2020, 257, 118041.	4.3	12

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37	Ubiquitin Ligase, Fbw7, Targets CDX2 for Degradation via Two Phosphodegron Motifs in a GSK3 $\beta$ -Dependent Manner. <i>Molecular Cancer Research</i> , 2016, 14, 1097-1109.	3.4	11
38	Pharmacological activation of aldehyde dehydrogenase 2 promotes osteoblast differentiation via bone morphogenetic protein-2 and induces bone anabolic effect. <i>Toxicology and Applied Pharmacology</i> , 2017, 316, 63-73.	2.8	11
39	CDK2 destabilizes tumor suppressor C/EBP $\beta$ expression through ubiquitin-mediated proteasome degradation in acute myeloid leukemia. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 2839-2850.	2.6	11
40	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. <i>European Journal of Pharmacology</i> , 2021, 913, 174634.	3.5	10
41	Ectopic expression of hC/EBPs in breast tumor cells induces apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2010, 337, 111-118.	3.1	9
42	Proteomic approaches in myeloid leukemia. <i>Electrophoresis</i> , 2011, 32, 357-367.	2.4	9
43	Proteomics approaches for myeloid leukemia drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 1165-1175.	5.0	8
44	Haploinsufficient tumor suppressor Tip60 negatively regulates oncogenic Aurora B kinase. <i>Journal of Biosciences</i> , 2019, 44, 1.	1.1	8
45	CDK2-instigates C/EBP $\beta$ degradation through SKP2 in Acute myeloid leukemia. <i>Medical Oncology</i> , 2021, 38, 69.	2.5	6
46	E6AP inhibits G-CSFR turnover and functions by promoting its ubiquitin-dependent proteasome degradation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1545-1553.	4.1	5
47	Estradiol overcomes adiponectin-resistance in diabetic mice by regulating skeletal muscle adiponectin receptor 1 expression. <i>Molecular and Cellular Endocrinology</i> , 2022, 540, 111525.	3.2	5
48	SOX4-mediated FBW7 transcriptional upregulation confers Tamoxifen resistance in ER+ breast cancers via GATA3 downregulation. <i>Life Sciences</i> , 2022, 303, 120682.	4.3	4
49	NanoLC based proteomic approach identifies that E6AP interacts with ENO1 and targets it for degradation in breast cancer cells. <i>IUBMB Life</i> , 2019, 71, 1896-1905.	3.4	3
50	Aurora kinase A-mediated phosphorylation of mPOU at a specific site drives skeletal muscle differentiation. <i>Journal of Biochemistry</i> , 2020, 167, 195-201.	1.7	2
51	Proteomics of AML1/ETO Target Proteins: AML1-ETO Targets a C/EBP-NM23 Pathway. <i>Clinical Proteomics</i> , 2010, 6, 83-91.	2.1	1
52	Proteomic analysis of TGF $\beta$ -induced A549 secretome identifies putative regulators of epithelial-mesenchymal transition. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 442-450.	3.1	1