Jian Huang

List of Publications by Year in descending order

47 papers	1,312 citations	331670 21 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	1841 citing authors

#	Article	IF	Citations
1	Icaritin and its glycosides enhance osteoblastic, but suppress osteoclastic, differentiation and activity in vitro. Life Sciences, 2007, 81, 832-840.	4.3	173
2	Estrogen Stimulates Degradation of Î²-Amyloid Peptide by Up-regulating Neprilysin. Journal of Biological Chemistry, 2010, 285, 935-942.	3.4	96
3	Novel Bioactive Hybrid Compound Dual Targeting Estrogen Receptor and Histone Deacetylase for the Treatment of Breast Cancer. Journal of Medicinal Chemistry, 2015, 58, 4550-4572.	6.4	94
4	Estrogen regulates neprilysin activity in rat brain. Neuroscience Letters, 2004, 367, 85-87.	2.1	62
5	ERÎ² promotes AÎ² degradation via the modulation of autophagy. Cell Death and Disease, 2019, 10, 565.	6.3	51
6	Recent advances in gossypol derivatives and analogs: a chemistry and biology view. Future Medicinal Chemistry, 2017, 9, 1243-1275.	2.3	44
7	Ligand-induced native G-quadruplex stabilization impairs transcription initiation. Genome Research, 2021, 31, 1546-1560.	5.5	44
8	Genomic profiling of native R loops with a DNA-RNA hybrid recognition sensor. Science Advances, 2021, 7, .	10.3	42
9	Nonenzymatic Transformation of Amorphous CaCO₃ into Calcium Phosphate Mineral after Exposure to Sodium Phosphate in Vitro: Implications for in Vivo Hydroxyapatite Bone Formation. ChemBioChem, 2015, 16, 1323-1332.	2.6	36
10	Estrogen receptor-Î±36 is involved in icaritin induced growth inhibition of triple-negative breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2017, 171, 318-327.	2.5	36
11	Estrogen Receptor Beta (ERÎ²) Mediated-CyclinD1 Degradation via Autophagy Plays an Anti-Proliferation Role in Colon Cells. International Journal of Biological Sciences, 2019, 15, 942-952.	6.4	34
12	Arsenic Inhibits DNA Mismatch Repair by Promoting EGFR Expression and PCNA Phosphorylation. Journal of Biological Chemistry, 2015, 290, 14536-14541.	3.4	33
13	In Situ Detection of Calcium Phosphate Clusters in Solution and Wet Amorphous Phase by Synchrotron X-ray Absorption Near-Edge Spectroscopy at Calcium K-Edge. Crystal Growth and Design, 2015, 15, 2204-2210.	3.0	33
14	Luteolin Reduces BACE1 Expression through NF-Î¹B and Estrogen Receptor Mediated Pathways in HEK293 and SH-SY5Y Cells. Journal of Alzheimer's Disease, 2015, 45, 659-671.	2.6	32
15	Exploring the PROTAC degron candidates: OBHSA with different side chains as novel selective estrogen receptor degraders (SERDs). European Journal of Medicinal Chemistry, 2019, 172, 48-61.	5.5	32
16	Novel Hybrid Conjugates with Dual Suppression of Estrogenic and Inflammatory Activities Display Significantly Improved Potency against Breast Cancer. Journal of Medicinal Chemistry, 2018, 61, 8155-8173.	6.4	27
17	Estrogen Regulation of the Neprilysin Gene Through A Hormone-Responsive Element. Journal of Molecular Neuroscience, 2009, 39, 22-26.	2.3	26
18	Discovery of novel SERMs with a ferrocenyl entity based on the oxabicyclo[2.2.1]heptene scaffold and evaluation of their antiproliferative effects in breast cancer cells. Organic and Biomolecular Chemistry, 2012, 10, 9689.	2.8	26

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19	The neuroprotective effects of ipriflavone against H2O2 and amyloid beta induced toxicity in human neuroblastoma SH-SY5Y cells. European Journal of Pharmacology, 2013, 721, 286-293.	3.5	26
20	A novel HDAC6 inhibitor exerts an anti-cancer effect by triggering cell cycle arrest and apoptosis in gastric cancer. European Journal of Pharmacology, 2018, 828, 67-79.	3.5	26
21	Role of estrogen and its receptors mediated-autophagy in cell fate and human diseases. Journal of Steroid Biochemistry and Molecular Biology, 2019, 191, 105380.	2.5	24
22	High-Throughput Screening Assays for Estrogen Receptor by Using Coumestrol, a Natural Fluorescence Compound. Journal of Biomolecular Screening, 2014, 19, 253-258.	2.6	22
23	Dual functional small molecule fluorescent probes for image-guided estrogen receptor-specific targeting coupled potent antiproliferative potency for breast cancer therapy. Bioorganic and Medicinal Chemistry, 2017, 25, 3531-3539.	3.0	22
24	Synthesis and structureâ€“activity relationships of novel hybrid ferrocenyl compounds based on a bicyclic core skeleton for breast cancer therapy. Bioorganic and Medicinal Chemistry, 2016, 24, 3062-3074.	3.0	20
25	Selenophenes: Introducing a New Element into the Core of Nonâ€Steroidal Estrogen Receptor Ligands. ChemMedChem, 2017, 12, 235-249.	3.2	19
26	Design, synthesis and biological evaluation of novel dual-acting modulators targeting both estrogen receptor Î± (ERÎ±) and lysine-specific demethylase 1 (LSD1) for treatment of breast cancer. European Journal of Medicinal Chemistry, 2020, 195, 112281.	5.5	19
27	The morphogenetically active polymer, inorganic polyphosphate complexed with GdCl 3 , as an inducer of hydroxyapatite formation in vitro. Biochemical Pharmacology, 2016, 102, 97-106.	4.4	18
28	Sesterterpene MHO7 suppresses breast cancer cells as a novel estrogen receptor degrader. Pharmacological Research, 2019, 146, 104294.	7.1	18
29	Curcumin inhibits BACE1 expression through the interaction between ERÎ² and NFÎºB signaling pathway in SH-SY5Y cells. Molecular and Cellular Biochemistry, 2020, 463, 161-173.	3.1	16
30	Discovery of Novel Bicyclic Phenylselenyl-Containing Hybrids: An Orally Bioavailable, Potential, and Multiacting Class of Estrogen Receptor Modulators against Endocrine-Resistant Breast Cancer. Journal of Medicinal Chemistry, 2022, 65, 7993-8010.	6.4	15
31	Alterations of ovariectomized rat bone and impact of non-collagenous proteins on mineralization. Joint Bone Spine, 2009, 76, 176-183.	1.6	14
32	Lanthanum-containing bioparticles are associated with the influence of lanthanum on high phosphate mediated bone marrow stromal cells viability. BioMetals, 2018, 31, 771-784.	4.1	14
33	Multipleâ€Targeting and Conformational Selection in the Estrogen Receptor: Computation and Experiment. Chemical Biology and Drug Design, 2011, 78, 137-149.	3.2	13
34	Effects of Cu 2+ and pH on osteoclastic bone resorption in vitro *. Progress in Natural Science: Materials International, 2003, 13, 266-270.	4.4	12
35	Novel class of 7-Oxabicyclo[2.2.1]heptene sulfonamides with long alkyl chains displaying improved estrogen receptor Î± degradation activity. European Journal of Medicinal Chemistry, 2019, 182, 111605.	5.5	12
36	A Bipartite Recombinant Yeast System for the Identification of Subtype-Selective Estrogen Receptor Ligands. Molecular Biotechnology, 2009, 41, 53-62.	2.4	10

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37	C6 Glioma-Secreted NGF and FGF2 Regulate Neuronal APP Processing Through Up-Regulation of ADAM10 and Down-Regulation of BACE1, Respectively. Journal of Molecular Neuroscience, 2016, 59, 334-342.	2.3	10
38	Rational design and optimization of selenophenes with basic side chains as novel potent selective estrogen receptor modulators (SERMs) for breast cancer therapy. MedChemComm, 2017, 8, 1485-1497.	3.4	10
39	Doping gadolinium versus lanthanum into hydroxyapatite particles for better biocompatibility in bone marrow stem cells. Chemico-Biological Interactions, 2021, 346, 109579.	4.0	10
40	Oxabicycloheptene Sulfonate Protects Against Î²-Amyloid-induced Toxicity by Activation of PI3K/Akt and ERK Signaling Pathways Via GPER1 in C6 Cells. Neurochemical Research, 2017, 42, 2246-2256.	3.3	9
41	Discovery of a series of selective and cell permeable beta-secretase (BACE1) inhibitors by fragment linking with the assistance of STD-NMR. Bioorganic Chemistry, 2019, 92, 103253.	4.1	8
42	Three-dimensional oxabicycloheptene sulfonate targets the homologous recombination and repair programmes through estrogen receptor Î± antagonism. Cancer Letters, 2020, 469, 78-88.	7.2	8
43	Icariin suppresses bone resorption activity of rabbit osteoclasts in vitro. Science Bulletin, 2007, 52, 890-895.	1.7	7
44	Novel hybrid conjugates with dual estrogen receptor Î± degradation and histone deacetylase inhibitory activities for breast cancer therapy. Bioorganic and Medicinal Chemistry, 2021, 40, 116185.	3.0	3
45	A Novel Compound YS-5-23 Exhibits Neuroprotective Effect by Reducing Î²-Site Amyloid Precursor Protein Cleaving Enzyme 1â€™s Expression and H2O2-Induced Cytotoxicity in SH-SY5Y Cells. Neurochemical Research, 2020, 45, 2113-2127.	3.3	2
46	OBHS impairs the viability of breast cancer via decreasing ERÎ± and Atg13. Biochemical and Biophysical Research Communications, 2021, 573, 69-75.	2.1	2
47	Regulation of MSH2 activity by acetylation and ubiquitylation. FASEB Journal, 2012, 26, 536.5.	0.5	0