

# Jian Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8183719/publications.pdf>

Version: 2024-02-01

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	Discovery of Novel Bicyclic Phenylselenenyl-Containing Hybrids: An Orally Bioavailable, Potential, and Multiacting Class of Estrogen Receptor Modulators against Endocrine-Resistant Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7993-8010.	6.4	15
2	Genomic profiling of native R loops with a DNA-RNA hybrid recognition sensor. <i>Science Advances</i> , 2021, 7, .	10.3	42
3	Novel hybrid conjugates with dual estrogen receptor $\beta$ degradation and histone deacetylase inhibitory activities for breast cancer therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 40, 116185.	3.0	3
4	Ligand-induced native G-quadruplex stabilization impairs transcription initiation. <i>Genome Research</i> , 2021, 31, 1546-1560.	5.5	44
5	Doping gadolinium versus lanthanum into hydroxyapatite particles for better biocompatibility in bone marrow stem cells. <i>Chemico-Biological Interactions</i> , 2021, 346, 109579.	4.0	10
6	OBHS impairs the viability of breast cancer via decreasing ER $\beta$ and Atg13. <i>Biochemical and Biophysical Research Communications</i> , 2021, 573, 69-75.	2.1	2
7	Three-dimensional oxabicycloheptene sulfonate targets the homologous recombination and repair programmes through estrogen receptor $\beta$ antagonism. <i>Cancer Letters</i> , 2020, 469, 78-88.	7.2	8
8	Curcumin inhibits BACE1 expression through the interaction between ER $\beta$ and NF $\kappa$ B signaling pathway in SH-SY5Y cells. <i>Molecular and Cellular Biochemistry</i> , 2020, 463, 161-173.	3.1	16
9	A Novel Compound YS-5-23 Exhibits Neuroprotective Effect by Reducing $\beta$ -Site Amyloid Precursor Protein Cleaving Enzyme 1's Expression and H <sub>2</sub> O <sub>2</sub> -Induced Cytotoxicity in SH-SY5Y Cells. <i>Neurochemical Research</i> , 2020, 45, 2113-2127.	3.3	2
10	Design, synthesis and biological evaluation of novel dual-acting modulators targeting both estrogen receptor $\beta$ (ER $\beta$ ) and lysine-specific demethylase 1 (LSD1) for treatment of breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2020, 195, 112281.	5.5	19
11	Novel class of 7-Oxabicyclo[2.2.1]heptene sulfonamides with long alkyl chains displaying improved estrogen receptor $\beta$ degradation activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111605.	5.5	12
12	ER $\beta$ promotes A $\beta$ degradation via the modulation of autophagy. <i>Cell Death and Disease</i> , 2019, 10, 565.	6.3	51
13	Discovery of a series of selective and cell permeable beta-secretase (BACE1) inhibitors by fragment linking with the assistance of STD-NMR. <i>Bioorganic Chemistry</i> , 2019, 92, 103253.	4.1	8
14	Sesterterpene MHO7 suppresses breast cancer cells as a novel estrogen receptor degrader. <i>Pharmacological Research</i> , 2019, 146, 104294.	7.1	18
15	Role of estrogen and its receptors mediated-autophagy in cell fate and human diseases. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 191, 105380.	2.5	24
16	Estrogen Receptor Beta (ER $\beta$ ) Mediated-CyclinD1 Degradation via Autophagy Plays an Anti-Proliferation Role in Colon Cells. <i>International Journal of Biological Sciences</i> , 2019, 15, 942-952.	6.4	34
17	Exploring the PROTAC degron candidates: OBHSA with different side chains as novel selective estrogen receptor degraders (SERDs). <i>European Journal of Medicinal Chemistry</i> , 2019, 172, 48-61.	5.5	32
18	A novel HDAC6 inhibitor exerts an anti-cancer effect by triggering cell cycle arrest and apoptosis in gastric cancer. <i>European Journal of Pharmacology</i> , 2018, 828, 67-79.	3.5	26

#	ARTICLE	IF	CITATIONS
19	Novel Hybrid Conjugates with Dual Suppression of Estrogenic and Inflammatory Activities Display Significantly Improved Potency against Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8155-8173.	6.4	27
20	Lanthanum-containing bioparticles are associated with the influence of lanthanum on high phosphate mediated bone marrow stromal cells viability. <i>BioMetals</i> , 2018, 31, 771-784.	4.1	14
21	Dual functional small molecule fluorescent probes for image-guided estrogen receptor-specific targeting coupled potent antiproliferative potency for breast cancer therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3531-3539.	3.0	22
22	Estrogen receptor- $\beta$ is involved in icaritin induced growth inhibition of triple-negative breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 318-327.	2.5	36
23	Rational design and optimization of selenophenes with basic side chains as novel potent selective estrogen receptor modulators (SERMs) for breast cancer therapy. <i>MedChemComm</i> , 2017, 8, 1485-1497.	3.4	10
24	Oxabicycloheptene Sulfonate Protects Against $\beta$ -Amyloid-induced Toxicity by Activation of PI3K/Akt and ERK Signaling Pathways Via GPER1 in C6 Cells. <i>Neurochemical Research</i> , 2017, 42, 2246-2256.	3.3	9
25	Selenophenes: Introducing a New Element into the Core of Nonsteroidal Estrogen Receptor Ligands. <i>ChemMedChem</i> , 2017, 12, 235-249.	3.2	19
26	Recent advances in gossypol derivatives and analogs: a chemistry and biology view. <i>Future Medicinal Chemistry</i> , 2017, 9, 1243-1275.	2.3	44
27	Synthesis and structure-activity relationships of novel hybrid ferrocenyl compounds based on a bicyclic core skeleton for breast cancer therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3062-3074.	3.0	20
28	C6 Glioma-Secreted NGF and FGF2 Regulate Neuronal APP Processing Through Up-Regulation of ADAM10 and Down-Regulation of BACE1, Respectively. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 334-342.	2.3	10
29	The morphogenetically active polymer, inorganic polyphosphate complexed with GdCl <sub>3</sub> , as an inducer of hydroxyapatite formation in vitro. <i>Biochemical Pharmacology</i> , 2016, 102, 97-106.	4.4	18
30	Nonenzymatic Transformation of Amorphous CaCO <sub>3</sub> into Calcium Phosphate Mineral after Exposure to Sodium Phosphate in Vitro: Implications for in Vivo Hydroxyapatite Bone Formation. <i>ChemBioChem</i> , 2015, 16, 1323-1332.	2.6	36
31	Novel Bioactive Hybrid Compound Dual Targeting Estrogen Receptor and Histone Deacetylase for the Treatment of Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4550-4572.	6.4	94
32	Luteolin Reduces BACE1 Expression through NF- $\kappa$ B and Estrogen Receptor Mediated Pathways in HEK293 and SH-SY5Y Cells. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 659-671.	2.6	32
33	Arsenic Inhibits DNA Mismatch Repair by Promoting EGFR Expression and PCNA Phosphorylation. <i>Journal of Biological Chemistry</i> , 2015, 290, 14536-14541.	3.4	33
34	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. <i>Crystal Growth and Design</i> , 2015, 15, 2204-2210.	3.0	33
35	High-Throughput Screening Assays for Estrogen Receptor by Using Coumestrol, a Natural Fluorescence Compound. <i>Journal of Biomolecular Screening</i> , 2014, 19, 253-258.	2.6	22
36	The neuroprotective effects of ipriflavone against H <sub>2</sub> O <sub>2</sub> and amyloid beta induced toxicity in human neuroblastoma SH-SY5Y cells. <i>European Journal of Pharmacology</i> , 2013, 721, 286-293.	3.5	26

#	ARTICLE	IF	CITATIONS
37	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. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9689.	2.8	26
38	Regulation of MSH2 activity by acetylation and ubiquitylation. <i>FASEB Journal</i> , 2012, 26, 536.5.	0.5	0
39	Multiple Targeting and Conformational Selection in the Estrogen Receptor: Computation and Experiment. <i>Chemical Biology and Drug Design</i> , 2011, 78, 137-149.	3.2	13
40	Estrogen Stimulates Degradation of $\beta$ -Amyloid Peptide by Up-regulating Neprilysin. <i>Journal of Biological Chemistry</i> , 2010, 285, 935-942.	3.4	96
41	Alterations of ovariectomized rat bone and impact of non-collagenous proteins on mineralization. <i>Joint Bone Spine</i> , 2009, 76, 176-183.	1.6	14
42	Estrogen Regulation of the Neprilysin Gene Through A Hormone-Responsive Element. <i>Journal of Molecular Neuroscience</i> , 2009, 39, 22-26.	2.3	26
43	A Bipartite Recombinant Yeast System for the Identification of Subtype-Selective Estrogen Receptor Ligands. <i>Molecular Biotechnology</i> , 2009, 41, 53-62.	2.4	10
44	Icaritin and its glycosides enhance osteoblastic, but suppress osteoclastic, differentiation and activity in vitro. <i>Life Sciences</i> , 2007, 81, 832-840.	4.3	173
45	Icariin suppresses bone resorption activity of rabbit osteoclasts in vitro. <i>Science Bulletin</i> , 2007, 52, 890-895.	1.7	7
46	Estrogen regulates neprilysin activity in rat brain. <i>Neuroscience Letters</i> , 2004, 367, 85-87.	2.1	62
47	Effects of Cu <sup>2+</sup> and pH on osteoclastic bone resorption in vitro *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 266-270.	4.4	12