

# Hong-Bin Deng

## List of Publications by Year in descending order

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33  
papers

981  
citations

516215  
16  
h-index

433756  
31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Berberine diminishes cancer cell PD-L1 expression and facilitates antitumor immunity via inhibiting the deubiquitination activity of CSN5. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2299-2312.	5.7	94
2	Protective Role of Salidroside against Aging in A Mouse Model Induced by D-galactose. <i>Biomedical and Environmental Sciences</i> , 2010, 23, 161-166.	0.2	91
3	Salidroside protects human fibroblast cells from premature senescence induced by H2O2 partly through modulating oxidative status. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 723-731.	2.2	73
4	Inhibiting effects of <i>Achyranthes bidentata</i> polysaccharide and <i>Lycium barbarum</i> polysaccharide on nonenzyme glycation in D-galactose induced mouse aging model. <i>Biomedical and Environmental Sciences</i> , 2003, 16, 267-75.	0.2	60
5	Phosphorylation of Bad at Thr-201 by JNK1 Promotes Glycolysis through Activation of Phosphofructokinase-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 20754-20760.	1.6	56
6	Synthesis and biological evaluation of new berberine derivatives as cancer immunotherapy agents through targeting IDO1. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1858-1868.	2.6	55
7	SA-49, a novel aloperine derivative, induces MITF-dependent lysosomal degradation of PD-L1. <i>EBioMedicine</i> , 2019, 40, 151-162.	2.7	53
8	Design, synthesis, and cholesterol-lowering efficacy for prodrugs of berberrubine. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6422-6428.	1.4	44
9	Berberine Directly Targets the NEK7 Protein to Block the NEK7â€œNLRP3 Interaction and Exert Anti-inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 768-781.	2.9	42
10	Salidroside stimulates osteoblast differentiation through BMP signaling pathway. <i>Food and Chemical Toxicology</i> , 2013, 62, 499-505.	1.8	38
11	Lysosomal dysfunction and autophagy blockade contribute to IMB-6G-induced apoptosis in pancreatic cancer cells. <i>Scientific Reports</i> , 2017, 7, 41862.	1.6	37
12	Tubeimoside-1 induces TFEB-dependent lysosomal degradation of PD-L1 and promotes antitumor immunity by targeting mTOR. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3134-3149.	5.7	35
13	Discovery and evolution of aloperine derivatives as novel anti-filovirus agents through targeting entry stage. <i>European Journal of Medicinal Chemistry</i> , 2018, 149, 45-55.	2.6	33
14	Synthesis and Identification of Novel Berberine Derivatives as Potent Inhibitors against TNF-Î±-Induced NF-ÎºB Activation. <i>Molecules</i> , 2017, 22, 1257.	1.7	31
15	Novel N-substituted sophoridinol derivatives as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 95-105.	2.6	28
16	Discovery and Development of 8-Substituted Cycloberberine Derivatives as Novel Antibacterial Agents against MRSA. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 484-489.	1.3	21
17	Resibufogenin suppresses transforming growth factorâ€œÎ²-activated kinase 1â€œmediated nuclear factorâ€œÎºB activity through protein kinase Câ€œdependent inhibition of glycogen synthase kinase 3. <i>Cancer Science</i> , 2018, 109, 3611-3622.	1.7	18
18	Glycogen synthase kinase-3Î² inhibition promotes lysosome-dependent degradation of c-FLIPL in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2018, 9, 230.	2.7	16

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19	S632A3, a new glutarimide antibiotic, suppresses lipopolysaccharide-induced pro-inflammatory responses via inhibiting the activation of glycogen synthase kinase 3 <sup>β</sup> . <i>Experimental Cell Research</i> , 2012, 318, 2592-2603.	1.2	15
20	Advances and challenges in screening traditional Chinese anti-aging materia medica. <i>Chinese Journal of Integrative Medicine</i> , 2013, 19, 243-252.	0.7	15
21	Synthesis and Biological Evaluation of Fangchinoline Derivatives as Anti-Inflammatory Agents through Inactivation of Inflammasome. <i>Molecules</i> , 2019, 24, 1154.	1.7	15
22	Novel phthalimides regulating PD-1/PD-L1 interaction as potential immunotherapy agents. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 4446-4457.	5.7	15
23	MPB, a novel berberine derivative, enhances lysosomal and bactericidal properties <i>via</i> TGF $\beta$ -activated kinase 1-dependent activation of the transcription factor EB. <i>FASEB Journal</i> , 2019, 33, 1468-1481.	0.2	14
24	Structural and functional changes of immune system in aging mouse induced by D-galactose. <i>Biomedical and Environmental Sciences</i> , 2006, 19, 432-8.	0.2	14
25	Reversal of Apoptotic Resistance by Lycium barbarum Glycopeptide 3 in Aged T Cells. <i>Biomedical and Environmental Sciences</i> , 2008, 21, 212-217.	0.2	12
26	Phosphorylation of Bcl-associated death protein (Bad) by erythropoietin-activated c-Jun N-terminal protein kinase 1 contributes to survival of erythropoietin-dependent cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 409-415.	1.2	12
27	Synthesis, Biological Evaluation, and Autophagy Mechanism of 12N-Substituted Sophoridinamines as Novel Anticancer Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 245-250.	1.3	11
28	Glycogen synthase kinase-3 <sup>β</sup> antagonizes ROS-induced hepatocellular carcinoma cell death through suppression of the apoptosis signal-regulating kinase 1. <i>Medical Oncology</i> , 2016, 33, 60.	1.2	10
29	IMB-6G, a novel <i>N</i> -substituted sophoridinic acid derivative, induces endoplasmic reticulum stress-mediated apoptosis <i>via</i> activation of IRE1 $\alpha$ and PERK signaling. <i>Oncotarget</i> , 2016, 7, 23860-23873.	0.8	10
30	Synthesis and biological evaluation of novel tricyclic matrinic derivatives as potential anti-filovirus agents. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 629-638.	5.7	7
31	IKK antagonizes activation-induced cell death of CD4 <sup>+</sup> T cells in aged mice <i>via</i> inhibition of JNK activation. <i>Molecular Immunology</i> , 2010, 48, 287-293.	1.0	5
32	Structure-activity relationship and biological evaluation of 12 $\beta$ -substituted aloperine derivatives as PD-L1 down-regulatory agents through proteasome pathway. <i>Bioorganic Chemistry</i> , 2021, 117, 105432.	2.0	1
33	SA-49, a Novel Aloperine Derivative, Induces MITF-Dependent Lysosomal Degradation of PD-L1. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0