

# Jianfeng Cai

## List of Publications by Year in descending order

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229  
papers

7,722  
citations

44069

48  
h-index

88630

70  
g-index

235  
all docs

235  
docs citations

235  
times ranked

9566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resveratrol Inhibits Invasion and Metastasis of Colorectal Cancer Cells via MALAT1 Mediated Wnt/ $\beta$ -Catenin Signal Pathway. PLoS ONE, 2013, 8, e78700.	2.5	302
2	Cancer Lipid Metabolism Confers Antiangiogenic Drug Resistance. Cell Metabolism, 2018, 28, 104-117.e5.	16.2	191
3	Resveratrol suppresses epithelial-to-mesenchymal transition in colorectal cancer through TGF- $\beta$ 1/Smads signaling pathway mediated Snail/E-cadherin expression. BMC Cancer, 2015, 15, 97.	2.6	162
4	Primary tumors release ITGBL1-rich extracellular vesicles to promote distal metastatic tumor growth through fibroblast-niche formation. Nature Communications, 2020, 11, 1211.	12.8	141
5	Tanshinone IIA inhibits $\beta$ -catenin/VEGF-mediated angiogenesis by targeting TGF- $\beta$ 1 in normoxic and HIF-1 $\alpha$ hypoxic microenvironments in human colorectal cancer. Cancer Letters, 2017, 403, 86-97.	7.2	137
6	$\beta$ -AApeptides: Design, Structure, and Applications. Accounts of Chemical Research, 2016, 49, 428-441.	15.6	126
7	Berberine Inhibits Invasion and Metastasis of Colorectal Cancer Cells via COX-2/PGE2 Mediated JAK2/STAT3 Signaling Pathway. PLoS ONE, 2015, 10, e0123478.	2.5	122
8	High Blood Caffeine Levels in MCI Linked to Lack of Progression to Dementia. Journal of Alzheimer's Disease, 2012, 30, 559-572.	2.6	111
9	Lipo- $\beta$ -AApeptides as a New Class of Potent and Broad-Spectrum Antimicrobial Agents. Journal of Medicinal Chemistry, 2012, 55, 4003-4009.	6.4	110
10	Helical Sulfonyl- $\beta$ -AApeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. Journal of the American Chemical Society, 2019, 141, 12697-12706.	13.7	106
11	Poly( $\beta$ -lysine)-based nanomaterials for versatile biomedical applications: Current advances and perspectives. Bioactive Materials, 2021, 6, 1878-1909.	15.6	103
12	Exosome: Function and Role in Cancer Metastasis and Drug Resistance. Technology in Cancer Research and Treatment, 2018, 17, 153303381876345.	1.9	99
13	Modafinil protects hippocampal neurons by suppressing excessive autophagy and apoptosis in mice with sleep deprivation. British Journal of Pharmacology, 2019, 176, 1282-1297.	5.4	99
14	Supramolecular Kandinsky circles with high antibacterial activity. Nature Communications, 2018, 9, 1815.	12.8	88
15	Inflammatory cell-derived CXCL3 promotes pancreatic cancer metastasis through a novel myofibroblast-hijacked cancer escape mechanism. Gut, 2022, 71, 129-147.	12.1	88
16	MALAT1: A long non-coding RNA highly associated with human cancers (Review). Oncology Letters, 2018, 16, 19-26.	1.8	86
17	The Potential Therapeutic Effects of THC on Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 42, 973-984.	2.6	84
18	MALAT1 regulates the transcriptional and translational levels of proto-oncogene RUNX2 in colorectal cancer metastasis. Cell Death and Disease, 2019, 10, 378.	6.3	84

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19	Membrane-Active Hydantoin Derivatives as Antibiotic Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8456-8465.	6.4	80
20	Stabilization of lncRNA GAS5 by a Small Molecule and Its Implications in Diabetic Adipocytes. <i>Cell Chemical Biology</i> , 2019, 26, 319-330.e6.	5.2	80
21	Inhibition of $\beta$ -catenin/B cell lymphoma 9 protein $\sim$ protein interaction using $\alpha$ -helix $\sim$ mimicking sulfono- $\beta$ -AApeptide inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10757-10762.	7.1	78
22	Polycarbonates with Potent and Selective Antimicrobial Activity toward Gram-Positive Bacteria. <i>Biomacromolecules</i> , 2017, 18, 87-95.	5.4	76
23	Supersnowflakes: Stepwise Self-Assembly and Dynamic Exchange of Rhombus Star-Shaped Supramolecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 8174-8185.	13.7	76
24	miR200c Attenuates P-gp $\sim$ Mediated MDR and Metastasis by Targeting JNK2/c-Jun Signaling Pathway in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 3137-3151.	4.1	74
25	Curcumin induces apoptosis in human gastric carcinoma AGS cells and colon carcinoma HT-29 cells through mitochondrial dysfunction and endoplasmic reticulum stress. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1391-1402.	4.9	73
26	Non-hemolytic $\alpha$ -AApeptides as antimicrobial peptidomimetics. <i>Chemical Communications</i> , 2011, 47, 9729.	4.1	71
27	Lipidated Cyclic $\beta$ -AApeptides Display Both Antimicrobial and Anti-inflammatory Activity. <i>ACS Chemical Biology</i> , 2014, 9, 211-217.	3.4	64
28	Overexpression of major CDKN3 transcripts is associated with poor survival in lung adenocarcinoma. <i>British Journal of Cancer</i> , 2015, 113, 1735-1743.	6.4	64
29	Helical Antimicrobial Sulfono- $\beta$ -AApeptides. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4802-4811.	6.4	63
30	Assembling Pentatopic Terpyridine Ligands with Three Types of Coordination Moieties into a Giant Supramolecular Hexagonal Prism: Synthesis, Self-Assembly, Characterization, and Antimicrobial Study. <i>Journal of the American Chemical Society</i> , 2019, 141, 16108-16116.	13.7	63
31	Protease-activated receptor-1 (PAR-1): a promising molecular target for cancer. <i>Oncotarget</i> , 2017, 8, 107334-107345.	1.8	62
32	Resistance to anti-EGFR therapies in metastatic colorectal cancer: underlying mechanisms and reversal strategies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 328.	8.6	62
33	K27-linked ubiquitination of BRAF by ITCH engages cytokine response to maintain MEK-ERK signaling. <i>Nature Communications</i> , 2019, 10, 1870.	12.8	61
34	Lipidated Peptidomimetics with Improved Antimicrobial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 683-686.	2.8	60
35	Fluorescence guided photothermal/photodynamic ablation of tumours using pH-responsive chlorin e6-conjugated gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 345-354.	5.0	60
36	miR-30a acts as a tumor suppressor by double-targeting COX-2 and BCL9 in H. pylori gastric cancer models. <i>Scientific Reports</i> , 2017, 7, 7113.	3.3	60

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37	Helicobacter pylori promotes angiogenesis depending on Wnt/beta-catenin-mediated vascular endothelial growth factor via the cyclooxygenase-2 pathway in gastric cancer. BMC Cancer, 2016, 16, 321.	2.6	58
38	Hydrogen-Bonding-Driven 3D Supramolecular Assembly of Peptidomimetic Zipper. Journal of the American Chemical Society, 2018, 140, 5661-5665.	13.7	57
39	Research advances in traditional Chinese medicine syndromes in cancer patients. Journal of Integrative Medicine, 2016, 14, 12-21.	3.1	55
40	Identification of $\beta$ -AApeptides with potent and broad-spectrum antimicrobial activity. Chemical Communications, 2011, 47, 12197.	4.1	54
41	Verbascoside promotes apoptosis by regulating HIPK2-p53 signaling in human colorectal cancer. BMC Cancer, 2014, 14, 747.	2.6	54
42	Design and synthesis of unprecedented cyclic $\beta$ -AApeptides for antimicrobial development. Chemical Science, 2012, 3, 2570.	7.4	53
43	Small Antimicrobial Agents Based on Acylated Reduced Amide Scaffold. Journal of Medicinal Chemistry, 2016, 59, 7877-7887.	6.4	52
44	$\beta$ -AApeptides as a New Class of Peptidomimetics. Chemistry - A European Journal, 2016, 22, 5458-5466.	3.3	52
45	Right-Handed Helical Foldamers Consisting of De Novo $\beta$ -AApeptides. Journal of the American Chemical Society, 2017, 139, 7363-7369.	13.7	52
46	YYFZBJS ameliorates colorectal cancer progression in ApcMin/+ mice by remodeling gut microbiota and inhibiting regulatory T-cell generation. Cell Communication and Signaling, 2020, 18, 113.	6.5	52
47	Sulfono- $\beta$ -AApeptides as Helical Mimetics: Crystal Structures and Applications. Accounts of Chemical Research, 2020, 53, 2425-2442.	15.6	51
48	$\beta$ -AApeptides: design, synthesis and evaluation. New Journal of Chemistry, 2011, 35, 542.	2.8	50
49	Facilely accessible quinoline derivatives as potent antibacterial agents. Bioorganic and Medicinal Chemistry, 2018, 26, 3573-3579.	3.0	50
50	AApeptides as a new class of antimicrobial agents. Organic and Biomolecular Chemistry, 2013, 11, 4283.	2.8	49
51	DNMT1, DNMT3A and DNMT3B Polymorphisms Associated With Gastric Cancer Risk: A Systematic Review and Meta-analysis. EBioMedicine, 2016, 13, 125-131.	6.1	49
52	De Novo Left-Handed Synthetic Peptidomimetic Foldamers. Angewandte Chemie - International Edition, 2018, 57, 9916-9920.	13.8	49
53	Zuo Jin Wan reverses P-gp-mediated drug-resistance by inhibiting activation of the PI3K/Akt/NF- $\kappa$ B pathway. BMC Complementary and Alternative Medicine, 2014, 14, 279.	3.7	48
54	Homeodomain-interacting protein kinase 2 (HIPK2): a promising target for anti-cancer therapies. Oncotarget, 2017, 8, 20452-20461.	1.8	48

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55	Porous metal-organic framework based on a macrocyclic tetracarboxylate ligand exhibiting selective CO <sub>2</sub> uptake. <i>CrystEngComm</i> , 2012, 14, 6115.	2.6	47
56	5-hydroxytryptamine receptor (5-HT <sub>1D</sub> R) promotes colorectal cancer metastasis by regulating Axin1/ $\beta$ -catenin/MMP-7 signaling pathway. <i>Oncotarget</i> , 2015, 6, 25975-25987.	1.8	47
57	Rational Design of Dimeric Lysine-N-Alkylamides as Potent and Broad-Spectrum Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2865-2874.	6.4	46
58	JMJD2C promotes colorectal cancer metastasis via regulating histone methylation of MALAT1 promoter and enhancing $\beta$ -catenin signaling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 435.	8.6	46
59	Development of EGFR-targeted evodiamine nanoparticles for the treatment of colorectal cancer. <i>Biomaterials Science</i> , 2019, 7, 3627-3639.	5.4	46
60	Evodiamine Suppresses ABCG2 Mediated Drug Resistance by Inhibiting p50/p65 NF- $\kappa$ B Pathway in Colorectal Cancer. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1471-1481.	2.6	45
61	Short Antimicrobial Lipo- $\beta$ -AA Hybrid Peptides. <i>ChemBioChem</i> , 2014, 15, 2275-2280.	2.6	44
62	Investigation of antimicrobial PEG-poly(amino acid)s. <i>RSC Advances</i> , 2014, 4, 2089-2095.	3.6	43
63	Structural basis of resistance of mutant RET protein-tyrosine kinase to its inhibitors nintedanib and vandetanib. <i>Journal of Biological Chemistry</i> , 2019, 294, 10428-10437.	3.4	43
64	Structural Superiority of Guanidinium-Rich, Four-Armed Copolypeptides: Role of Multiple Peptide-Membrane Interactions in Enhancing Bacterial Membrane Perturbation and Permeability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18363-18374.	8.0	43
65	Small Molecules with Membrane-Active Antibacterial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21292-21299.	8.0	43
66	$\beta$ -Helix-Mimicking Sulfo- $\beta$ -AApeptide Inhibitors for p53-MDM2/MDMX Protein-Protein Interactions. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 975-986.	6.4	43
67	$\beta$ -AApeptides bind to RNA by mimicking RNA-binding proteins. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6604.	2.8	42
68	The role and mechanism of $\beta$ -arrestins in cancer invasion and metastasis (Review). <i>International Journal of Molecular Medicine</i> , 2018, 41, 631-639.	4.0	42
69	Orthogonal Halogen-Bonding-Driven 3D Supramolecular Assembly of Right-Handed Synthetic Helical Peptides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7778-7782.	13.8	41
70	TRIM27 promotes IL-6-induced proliferation and inflammation factor production by activating STAT3 signaling in HaCaT cells. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C272-C281.	4.6	41
71	Unnatural Amino Acid-Based Star-Shaped Poly(Ornithine)s as Emerging Long-Term and Biofilm-Disrupting Antimicrobial Peptides to Treat <i>Pseudomonas aeruginosa</i> Infected Burn Wounds. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000647.	7.6	41
72	Xiao-Chai-Hu-Tang ameliorates tumor growth in cancer comorbid depressive symptoms via modulating gut microbiota-mediated TLR4/MyD88/NF- $\kappa$ B signaling pathway. <i>Phytomedicine</i> , 2021, 88, 153606.	5.3	40

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73	Recent development of small antimicrobial peptidomimetics. <i>Future Medicinal Chemistry</i> , 2012, 4, 1853-1862.	2.3	39
74	Novel bis-cyclic guanidines as potent membrane-active antibacterial agents with therapeutic potential. <i>Chemical Communications</i> , 2017, 53, 11948-11951.	4.1	39
75	Development of Bis-cyclic Imidazolidine-4-one Derivatives as Potent Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15591-15602.	6.4	39
76	Modulating Angiogenesis by Proteomimetics of Vascular Endothelial Growth Factor. <i>Journal of the American Chemical Society</i> , 2022, 144, 270-281.	13.7	39
77	H <sub>2</sub> O <sub>2</sub> -Sensitive Upconversion Nanocluster Bomb for Tri-Mode Imaging-Guided Photodynamic Therapy in Deep Tumor Tissue. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900972.	7.6	38
78	Design and synthesis of AApeptides: A new class of peptide mimics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1469-1471.	2.2	37
79	Ursolic acid inhibits proliferation and reverses drug resistance of ovarian cancer stem cells by downregulating ABCG2 through suppressing the expression of hypoxia-inducible factor-1 $\alpha$ in vitro. <i>Oncology Reports</i> , 2016, 36, 428-440.	2.6	36
80	The activity of sulfono- $\beta$ -AApeptide helical foldamers that mimic GLP-1. <i>Science Advances</i> , 2020, 6, eaaz4988.	10.3	36
81	Modular Design of Membrane-Active Antibiotics: From Macromolecular Antimicrobials to Small Scorpionlike Peptidomimetics. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9894-9905.	6.4	36
82	Prognosis of Unresectable Hepatocellular Carcinoma: Comparison of Seven Staging Systems (TNM, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	36
83	The application of ApcMin/+ mouse model in colorectal tumor researches. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1111-1122.	2.5	35
84	Inhibitory effect of bufalin combined with Hedgehog signaling pathway inhibitors on proliferation and invasion and metastasis of liver cancer cells. <i>International Journal of Oncology</i> , 2016, 49, 1513-1524.	3.3	34
85	&lt;p&gt;Exosomes as Actively Targeted Nanocarriers for Cancer Therapy&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4257-4273.	6.7	34
86	$\beta$ -AApeptide-based small-molecule ligands that inhibit A $\beta$ aggregation. <i>Chemical Communications</i> , 2014, 50, 5206-5208.	4.1	33
87	Evaluation of an $\alpha$ synuclein sensitized dendritic cell based vaccine in a transgenic mouse model of Parkinson disease. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 922-930.	3.3	33
88	One-Bead $\alpha$ -Two-Compound Thioether Bridged Macrocyclic $\beta$ -AApeptide Screening Library against EphA2. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9290-9298.	6.4	32
89	Astragaloside IV regulates differentiation and induces apoptosis of activated CD4+ T cells in the pathogenesis of experimental autoimmune encephalomyelitis. <i>Toxicology and Applied Pharmacology</i> , 2019, 362, 105-115.	2.8	32
90	Prostaglandin EP2 receptor: Novel therapeutic target for human cancers (Review). <i>International Journal of Molecular Medicine</i> , 2018, 42, 1203-1214.	4.0	31

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91	$\beta$ -hederin induces autophagic cell death in colorectal cancer cells through reactive oxygen species dependent AMPK/mTOR signaling pathway activation. <i>International Journal of Oncology</i> , 2019, 54, 1601-1612.	3.3	31
92	Cellular signaling pathways implicated in metastasis of colorectal cancer and the associated targeted agents. <i>Future Oncology</i> , 2015, 11, 2911-2922.	2.4	30
93	Sulfonamide-peptides as a New Class of Nonnatural Helical Foldamer. <i>Chemistry - A European Journal</i> , 2015, 21, 2501-2507.	3.3	30
94	The Sustainability of Energy Conversion Inhibition for Tumor Ferroptosis Therapy and Chemotherapy. <i>Small</i> , 2021, 17, e2102695.	10.0	30
95	Recent Advance in Applications of Proteomics Technologies on Traditional Chinese Medicine Research. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-13.	1.2	29
96	Low-toxicity amphiphilic molecules linked by an aromatic nucleus show broad-spectrum antibacterial activity and low drug resistance. <i>Chemical Communications</i> , 2019, 55, 4307-4310.	4.1	29
97	Cellular Translocation of a $\beta$ -AApeptide Mimetic of Tat Peptide. <i>Molecular Pharmaceutics</i> , 2012, 9, 1529-1534.	4.6	28
98	Helical 1:1 $\beta$ /Sulfonamide-Heterogeneous Peptides with Antibacterial Activity. <i>Biomacromolecules</i> , 2016, 17, 1854-1859.	5.4	28
99	Synthesis and Bioactivities of New Membrane-Active Agents with Aromatic Linker: High Selectivity and Broad-Spectrum Antibacterial Activity. <i>ACS Infectious Diseases</i> , 2019, 5, 1535-1545.	3.8	27
100	Radiolabeled $\beta$ -AApeptides: a new class of tracers for positron emission tomography. <i>Chemical Communications</i> , 2012, 48, 7850.	4.1	26
101	New Class of Heterogeneous Helical Peptidomimetics. <i>Organic Letters</i> , 2015, 17, 3524-3527.	4.6	26
102	Membrane Disruption Mechanism of a Prion Peptide (106-126) Investigated by Atomic Force Microscopy, Raman and Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5058-5071.	2.6	26
103	Molecular Architecture and Charging Effects Enhance the In Vitro and In Vivo Performance of Multi-Arm Antimicrobial Agents Based on Star-Shaped Poly(L-lysine). <i>Advanced Therapeutics</i> , 2019, 2, 1900147.	3.2	26
104	Dihydromyricetin reverses MRP2-induced multidrug resistance by preventing NF- $\kappa$ B-Nrf2 signaling in colorectal cancer cell. <i>Phytomedicine</i> , 2021, 82, 153414.	5.3	25
105	Targeted Delivery of Tanshinone IIA-Conjugated mPEG-PLGA-PLL-cRGD Nanoparticles to Hepatocellular Carcinoma. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3244-3252.	1.1	24
106	Association between circadian disruption and diseases: A narrative review. <i>Life Sciences</i> , 2020, 262, 118512.	4.3	24
107	Aggregation-Induced Emissive and Circularly Polarized Homogeneous Sulfonamide-peptide Foldamers. <i>Advanced Optical Materials</i> , 2020, 8, 1902122.	7.3	24
108	Antitumor Research of the Active Ingredients from Traditional Chinese Medical Plant <i>Polygonum Cuspidatum</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	1.2	23

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109	Xiaoyaosan slows cancer progression and ameliorates gut dysbiosis in mice with chronic restraint stress and colorectal cancer xenografts. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110916.	5.6	23
110	Traditional Chinese Medicine Combined With Chemotherapy and Cetuximab or Bevacizumab for Metastatic Colorectal Cancer: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Frontiers in Pharmacology</i> , 2020, 11, 478.	3.5	22
111	Underlying mechanisms and drug intervention strategies for the tumour microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 97.	8.6	22
112	Activity of lipo-cyclic $\beta$ -AApeptides against biofilms of <i>Staphylococcus epidermidis</i> and <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2565-2569.	2.2	21
113	Zhi Zhen Fang formula reverses Hedgehog pathway mediated multidrug resistance in colorectal cancer. <i>Oncology Reports</i> , 2017, 38, 2087-2095.	2.6	21
114	Circular RNAs function as competing endogenous RNAs in multiple types of cancer (Review). <i>Oncology Letters</i> , 2018, 15, 23-30.	1.8	21
115	Virus-inspired surface-nanoengineered antimicrobial liposome: A potential system to simultaneously achieve high activity and selectivity. <i>Bioactive Materials</i> , 2021, 6, 3207-3217.	15.6	21
116	Nanorods Formed from a New Class of Peptidomimetics. <i>Macromolecules</i> , 2012, 45, 7350-7355.	4.8	20
117	Gene expression profiling and bioinformatics analysis of gastric carcinoma. <i>Experimental and Molecular Pathology</i> , 2014, 96, 361-366.	2.1	20
118	Rapid Access to Multiple Classes of Peptidomimetics from Common $\beta$ -AApeptide Building Blocks. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1760-1765.	2.4	20
119	Polyglutamine aggregates impair lipid membrane integrity and enhance lipid membrane rigidity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 661-670.	2.6	20
120	JianPi JieDu Recipe Inhibits Epithelial-to-Mesenchymal Transition in Colorectal Cancer through TGF- $\beta$ /Smad Mediated Snail/E-Cadherin Expression. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	20
121	Cyclic Peptidomimetics as Inhibitor for miR-155 Biogenesis. <i>Molecular Pharmaceutics</i> , 2019, 16, 914-920.	4.6	20
122	Solid-Phase Synthesis of $\beta$ -AApeptides Using a Submonomeric Approach. <i>Organic Letters</i> , 2012, 14, 3446-3449.	4.6	19
123	Lipidated $\beta$ -AA heterogeneous peptides as antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 398-405.	5.5	19
124	Transgelins: Cytoskeletal Associated Proteins Implicated in the Metastasis of Colorectal Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573859.	3.7	19
125	The active fraction of <i>Garcinia yunnanensis</i> suppresses the progression of colorectal carcinoma by interfering with tumor-associated macrophage-associated M2 macrophage polarization in vivo and in vitro. <i>FASEB Journal</i> , 2020, 34, 7387-7403.	0.5	19
126	Antimicrobial AApeptides. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1266-1279.	2.1	19



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127	Galectin 3 enhances platelet aggregation and thrombosis via Dectin-1 activation: a translational study. <i>European Heart Journal</i> , 2022, 43, 3556-3574.	2.2	19
128	The Development of Antimicrobial $\beta$ -AApeptides that Suppress Proinflammatory Immune Responses. <i>ChemBioChem</i> , 2014, 15, 688-694.	2.6	18
129	<i>Helicobacter pylori</i> promotes VEGF expression via the p38 MAPK-mediated COX-2-PGE2 pathway in MKN45 cells. <i>Molecular Medicine Reports</i> , 2014, 10, 2123-2129.	2.4	18
130	Modulation of lipid membrane structural and mechanical properties by a peptidomimetic derived from reduced amide scaffold. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 734-744.	2.6	18
131	Preparation, pharmacokinetics, tissue distribution and antitumor effect of sorafenib-incorporating nanoparticles in vivo. <i>Oncology Letters</i> , 2017, 14, 6163-6169.	1.8	18
132	Molecular targeted study in tumors: From western medicine to active ingredients of traditional Chinese medicine. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109624.	5.6	18
133	Introduction to Antibacterial Biomaterials. <i>Biomaterials Science</i> , 2020, 8, 6812-6813.	5.4	18
134	Ursolic Acid Inhibits Tumor Growth <i>via</i> Epithelial-to-Mesenchymal Transition in Colorectal Cancer Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 685-691.	1.4	17
135	A Novel Bacteriophage Lysin-Human Defensin Fusion Protein Is Effective in Treatment of <i>Clostridioides difficile</i> Infection in Mice. <i>Frontiers in Microbiology</i> , 2019, 9, 3234.	3.5	17
136	Calcium Channel Blockers and Risk of Breast Cancer: A Meta-Analysis of 17 Observational Studies. <i>PLoS ONE</i> , 2014, 9, e105801.	2.5	16
137	Identification of novel inhibitors that disrupt STAT3-DNA interaction from a $\beta$ -AApeptide OBOC combinatorial library. <i>Chemical Communications</i> , 2014, 50, 8739-8742.	4.1	16
138	Antibacterial activity of lipo- $\beta$ /sulfonyl- $\beta$ -AA hybrid peptides. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111901.	5.5	16
139	Rational Design and Synthesis of Right-Handed $\beta$ -Sulfonyl- $\beta$ -AApeptide Helical Foldamers as Potent Inhibitors of Protein-Protein Interactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 10552-10560.	3.2	16
140	Fecal Multidimensional Assay for Non-Invasive Detection of Colorectal Cancer: Fecal Immunochemical Test, Stool DNA Mutation, Methylation, and Intestinal Bacteria Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 643136.	2.8	16
141	Tanshinone IIA reduces secretion of pro-angiogenic factors and inhibits angiogenesis in human colorectal cancer. <i>Oncology Reports</i> , 2020, 43, 1159-1168.	2.6	16
142	Influenza M2 Transmembrane Domain Senses Membrane Heterogeneity and Enhances Membrane Curvature. <i>Langmuir</i> , 2016, 32, 6730-6738.	3.5	15
143	Structure and Function of AApeptides. <i>Biochemistry</i> , 2017, 56, 445-457.	2.5	15
144	Identifying the Pathological Domain of Alpha-Synuclein as a Therapeutic for Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2338.	4.1	15

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145	Rational Design of Right-Handed Heterogeneous Peptidomimetics as Inhibitors of Protein-Protein Interactions. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13187-13196.	6.4	15
146	Macrophages, as a Promising Strategy to Targeted Treatment for Colorectal Cancer Metastasis in Tumor Immune Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 685978.	4.8	15
147	Effects of Jianpi Jiedu Recipe (姜皮解毒方) on reversion of P-glycoprotein-mediated multidrug resistance through COX-2 pathway in colorectal cancer. <i>Chinese Journal of Integrative Medicine</i> , 2014, 20, 610-617.	1.8	14
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