List of Publications by Year in descending order

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		147566	223531
119	3,015	31	46
papers	citations	h-index	g-index
121 all docs	121 docs citations	121 times ranked	4400 citing authors

#	Article	IF	CITATIONS
1	A central role for venom in predation by <i>Varanus komodoensis</i> (Komodo Dragon) and the extinct giant <i>Varanus</i> (<i>Megalania</i>) <i>priscus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8969-8974.	3.3	120
2	Osteopontin a promising biomarker for cancer therapy. Journal of Cancer, 2017, 8, 2173-2183.	1.2	108
3	The Roles of microRNAs in Regulating the Expression of PD-1/PD-L1 Immune Checkpoint. International Journal of Molecular Sciences, 2017, 18, 2540.	1.8	96
4	The prognostic significance of PD-L1 in bladder cancer. Oncology Reports, 2015, 33, 3075-3084.	1.2	90
5	Abstract 108: <i>In vitro</i> and <i>in vivo</i> characterization of novel scorpion venom-based peptides for the treatment of colon cancer. Cancer Research, 2017, 77, 108-108.	0.4	88
6	Novel Venom Proteins Produced by Differential Domain-Expression Strategies in Beaded Lizards and Gila Monsters (genus Heloderma). Molecular Biology and Evolution, 2010, 27, 395-407.	3.5	85
7	Recent advances in the field of anti-cancer immunotherapy. BBA Clinical, 2015, 3, 280-288.	4.1	72
8	Functional and Structural Diversification of the Anguimorpha Lizard Venom System. Molecular and Cellular Proteomics, 2010, 9, 2369-2390.	2.5	70
9	Vascular ADAM17 as a Novel Therapeutic Target in Mediating Cardiovascular Hypertrophy and Perivascular Fibrosis Induced by Angiotensin II. Hypertension, 2016, 68, 949-955.	1.3	69
10	The prognostic significance of Cdc6 and Cdt1 in breast cancer. Scientific Reports, 2017, 7, 985.	1.6	69
11	Multiplex Immunoassay for Serological Diagnosis of <i>Mycobacterium bovis</i> Infection in Cattle. Vaccine Journal, 2008, 15, 1834-1838.	3.2	67
12	Venom-based peptide therapy: insights into anti-cancer mechanism. Oncotarget, 2017, 8, 100908-100930.	0.8	63
13	Clinical and Recent Patents Applications of PD-1/PD-L1 Targeting Immunotherapy in Cancer Treatment—Current Progress, Strategy, and Future Perspective. Frontiers in Immunology, 2020, 11, 1508.	2.2	60
14	Correlation between ontogenetic dietary shifts and venom variation in Australian brown snakes () Tj ETQq0 0 0 r 197, 53-60.	gBT /Over 1.3	lock 10 Tf 50 54
15	Prognostic significance of minichromosome maintenance proteins in breast cancer. American Journal of Cancer Research, 2015, 5, 52-71.	1.4	47
16	Targeting the Sheddase Activity of ADAM17 by an Anti-ADAM17 Antibody D1(A12) Inhibits Head and Neck Squamous Cell Carcinoma Cell Proliferation and Motility via Blockage of Bradykinin Induced HERs Transactivation. International Journal of Biological Sciences, 2014, 10, 702-714.	2.6	45
17	Performance of the Enferplex TB Assay with Cattle in Great Britain and Assessment of Its Suitability as a Test To Distinguish Infected and Vaccinated Animals. Vaccine Journal, 2010, 17, 813-817.	3.2	44
18	Inhibition of Cathepsin S by Fsn0503 enhances the efficacy of chemotherapy in colorectal carcinomas. Biochimie, 2012, 94, 487-493.	1.3	44

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19	Vascular ADAM17 (a Disintegrin and Metalloproteinase Domain 17) Is Required for Angiotensin II/β-Aminopropionitrile–Induced Abdominal Aortic Aneurysm. Hypertension, 2017, 70, 959-963.	1.3	42
20	In vitro and clinical data analysis of Osteopontin as a prognostic indicator in colorectal cancer. Journal of Cellular and Molecular Medicine, 2018, 22, 4097-4105.	1.6	42
21	InÂVitro and MD Simulation Study to Explore Physicochemical Parameters for Antibacterial Peptide to Become Potent Anticancer Peptide. Molecular Therapy - Oncolytics, 2020, 16, 7-19.	2.0	42
22	Triggering of cancer cell cycle arrest by a novel scorpion venomâ€derived peptide—Gonearrestide. Journal of Cellular and Molecular Medicine, 2018, 22, 4460-4473.	1.6	38
23	Targeting B7-H3 Immune Checkpoint With Chimeric Antigen Receptor-Engineered Natural Killer Cells Exhibits Potent Cytotoxicity Against Non-Small Cell Lung Cancer. Frontiers in Pharmacology, 2020, 11, 1089.	1.6	38
24	Enter the Dragon: The Dynamic and Multifunctional Evolution of Anguimorpha Lizard Venoms. Toxins, 2017, 9, 242.	1.5	37
25	Review of Covid-19 vaccine clinical trials - A puzzle with missing pieces. International Journal of Biological Sciences, 2021, 17, 1461-1468.	2.6	37
26	Unmasking venom gland transcriptomes in reptile venoms. Analytical Biochemistry, 2002, 311, 152-156.	1.1	36
27	Development of a specific affinity-matured exosite inhibitor to MT1-MMP that efficiently inhibits tumor cell invasion <i>in vitro</i> and metastasis <i>in vivo</i> . Oncotarget, 2016, 7, 16773-16792.	0.8	36
28	Two Novel Dermaseptin-Like Antimicrobial Peptides with Anticancer Activities from the Skin Secretion of Pachymedusa dacnicolor. Toxins, 2016, 8, 144.	1.5	35
29	The Roles of Protein Tyrosine Phosphatases in Hepatocellular Carcinoma. Cancers, 2018, 10, 82.	1.7	35
30	Increased ERK signalling promotes inflammatory signalling in primary airway epithelial cells expressing Z α1-antitrypsin. Human Molecular Genetics, 2014, 23, 929-941.	1.4	34
31	Problem behaviours and psychotropic medication use in intellectual disability: a multinational crossâ€sectional survey. Journal of Intellectual Disability Research, 2018, 62, 140-149.	1.2	34
32	CD133 in brain tumor: the prognostic factor. Oncotarget, 2017, 8, 11144-11159.	0.8	34
33	Coagulating Colubrids: Evolutionary, Pathophysiological and Biodiscovery Implications of Venom Variations between Boomslang (Dispholidus typus) and Twig Snake (Thelotornis mossambicanus). Toxins, 2017, 9, 171.	1.5	33
34	Backfilling rolling cycle amplification with enzyme-DNA conjugates on antibody for portable electrochemical immunoassay with glucometer readout. Biosensors and Bioelectronics, 2019, 132, 210-216.	5.3	33
35	Venom Peptides: Improving Specificity in Cancer Therapy. Trends in Cancer, 2017, 3, 611-614.	3.8	32
36	DNA Replication Licensing Protein MCM10 Promotes Tumor Progression and Is a Novel Prognostic Biomarker and Potential Therapeutic Target in Breast Cancer. Cancers, 2018, 10, 282.	1.7	31

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37	DNA replication licensing proteins: Saints and sinners in cancer. Seminars in Cancer Biology, 2019, 58, 11-21.	4.3	31
38	Capivasertib restricts SARS-CoV-2 cellular entry: a potential clinical application for COVID-19. International Journal of Biological Sciences, 2021, 17, 2348-2355.	2.6	31
39	Basal but divergent: Clinical implications of differential coagulotoxicity in a clade of Asian vipers. Toxicology in Vitro, 2019, 58, 195-206.	1.1	30
40	Development of a â€~mouse and human cross-reactive' affinity-matured exosite inhibitory human antibody specific to TACE (ADAM17) for cancer immunotherapy. Protein Engineering, Design and Selection, 2014, 27, 179-190.	1.0	29
41	Clinical and <i>in vitro</i> analysis of Osteopontin as a prognostic indicator and unveil its potential downstream targets in bladder cancer. International Journal of Biological Sciences, 2017, 13, 1373-1386.	2.6	29
42	Development of Marine-Derived Compounds for Cancer Therapy. Marine Drugs, 2021, 19, 342.	2.2	29
43	Expression of minichromosome maintenance genes in renal cell carcinoma. Cancer Management and Research, 2017, Volume 9, 637-647.	0.9	28
44	Single-atom Pt-anchored Zn0.5Cd0.5S boosted photoelectrochemical immunoassay of prostate-specific antigen. Biosensors and Bioelectronics, 2022, 202, 114006.	5.3	28
45	A Review on Bradykinin-Related Peptides Isolated from Amphibian Skin Secretion. Toxins, 2015, 7, 951-970.	1.5	27
46	Habu coagulotoxicity: Clinical implications of the functional diversification of Protobothrops snake venoms upon blood clotting factors. Toxicology in Vitro, 2019, 55, 62-74.	1.1	27
47	In sickness and in health: The many roles of the minichromosome maintenance proteins. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 295-308.	3.3	26
48	Anti-tumor effects of a â€`human & mouse cross-reactive' anti-ADAM17 antibody in a pancreatic cancer model in vivo. European Journal of Pharmaceutical Sciences, 2017, 110, 62-69.	1.9	24
49	Current Strategies for Treating NSCLC: From Biological Mechanisms to Clinical Treatment. Cancers, 2020, 12, 1587.	1.7	24
50	Use of a multiplex enzyme-linked immunosorbent assay to detect a subpopulation of <i>Mycobacterium bovis</i> –infected animals deemed negative or inconclusive by the single intradermal comparative tuberculin skin test. Journal of Veterinary Diagnostic Investigation, 2011, 23, 499-503.	0.5	23
51	DAPK1 as an independent prognostic marker in liver cancer. PeerJ, 2017, 5, e3568.	0.9	23
52	The significance of combining VEGFA, FLT1, and KDR expressions in colon cancer patient prognosis and predicting response to bevacizumab. OncoTargets and Therapy, 2015, 8, 835.	1.0	22
53	Inhibitory Activity of a Scorpion Defensin BmKDfsin3 against Hepatitis C Virus. Antibiotics, 2020, 9, 33.	1.5	22
54	Aggregation and Its Influence on the Bioactivities of a Novel Antimicrobial Peptide, Temporin-PF, and Its Analogues. International Journal of Molecular Sciences, 2021, 22, 4509.	1.8	21

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55	Helokinestatin: A new bradykinin B2 receptor antagonist decapeptide from lizard venom. Peptides, 2008, 29, 65-72.	1.2	20
56	Identification of TWIST-interacting genes in prostate cancer. Science China Life Sciences, 2017, 60, 386-396.	2.3	20
57	LFB: A Novel Antimicrobial Brevinin-Like Peptide from the Skin Secretion of the Fujian Large Headed Frog, Limnonectes fujianensi. Biomolecules, 2019, 9, 242.	1.8	20
58	Targeting PD-L1 Protein: Translation, Modification and Transport. Current Protein and Peptide Science, 2018, 20, 82-91.	0.7	20
59	The Prognostic Significance of Combining VEGFA, FLT1 and KDR mRNA Expressions in Brain Tumors. Journal of Cancer, 2015, 6, 812-818.	1.2	19
60	β-defensin 1 expression in HCV infected liver/liver cancer: an important role in protecting HCV progression and liver cancer development. Scientific Reports, 2017, 7, 13404.	1.6	19
61	Tetraspanin CD53 Promotes Lymphocyte Recirculation by Stabilizing L-Selectin Surface Expression. IScience, 2020, 23, 101104.	1.9	19
62	Bioevaluation of Ranatuerin-2Pb from the Frog Skin Secretion of Rana pipiens and its Truncated Analogues. Biomolecules, 2019, 9, 249.	1.8	18
63	Antibody targeting of Cathepsin S induces antibody-dependent cellular cytotoxicity. Molecular Cancer, 2011, 10, 147.	7.9	17
64	Prognostic significance of combining VEGFA, FLT1 and KDR mRNA expression in lung cancer. Oncology Letters, 2015, 10, 1893-1901.	0.8	17
65	Biological Activities of Cationicity-Enhanced and Hydrophobicity-Optimized Analogues of an Antimicrobial Peptide, Dermaseptin-PS3, from the Skin Secretion of Phyllomedusa sauvagii. Toxins, 2018, 10, 320.	1.5	17
66	Enhanced Antimicrobial Activity of N-Terminal Derivatives of a Novel Brevinin-1 Peptide from The Skin Secretion of Odorrana schmackeri. Toxins, 2020, 12, 484.	1.5	17
67	Putting the Brakes on Tumorigenesis with Natural Products of Plant Origin: Insights into the Molecular Mechanisms of Actions and Immune Targets for Bladder Cancer Treatment. Cells, 2020, 9, 1213.	1.8	17
68	The prognostic significance of DAPK1 in bladder cancer. PLoS ONE, 2017, 12, e0175290.	1.1	17
69	Isolation and cloning of exendin precursor cDNAs from single samples of venom from the Mexican beaded lizard (Heloderma horridum) and the Gila monster (Heloderma suspectum). Toxicon, 2006, 47, 288-295.	0.8	16
70	Application of the Enfer chemiluminescent multiplex ELISA system for the detection of Mycobacterium bovis infection in goats. Veterinary Microbiology, 2012, 154, 292-297.	0.8	16
71	Role of Endothelial ADAM17 in Early Vascular Changes Associated with Diabetic Retinopathy. Journal of Clinical Medicine, 2020, 9, 400.	1.0	15
72	Proteomic and functional variation within black snake venoms (Elapidae: Pseudechis). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 205, 53-61.	1.3	14

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73	Identification and pharmaceutical evaluation of novel frog skin-derived serine proteinase inhibitor peptide–PE-BBI (Pelophylax esculentus Bowman-Birk inhibitor) for the potential treatment of cancer. Scientific Reports, 2018, 8, 14502.	1.6	14
74	Phytochemicals - A Novel and Prominent Source of Anti-cancer Drugs Against Colorectal Cancer. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 376-394.	0.6	14
75	Pharmacoinformatic Approach to Explore the Antidote Potential of Phytochemicals on Bungarotoxin from Indian Krait, Bungarus caeruleus. Computational and Structural Biotechnology Journal, 2018, 16, 450-461.	1.9	13
76	Does size matter? Venom proteomic and functional comparison between night adder species (Viperidae:) Tj ETQ Toxicology and Pharmacology, 2018, 211, 7-14.	1.3	3T /Overlock 1 13
77	Handheld pH meter–assisted immunoassay for C-reactive protein using glucose oxidase–conjugated dendrimer loaded with platinum nanozymes. Mikrochimica Acta, 2021, 188, 14.	2.5	13
78	Association between the expression levels of TAZ, AXL and CTGF and clinicopathological parameters in patients with colon cancer. Oncology Letters, 2016, 11, 1223-1229.	0.8	12
79	Magneto-controlled flow-injection device for electrochemical immunoassay of alpha-fetoprotein on magnetic beads using redox-active ferrocene derivative polymer nanospheres. Analyst, The, 2019, 144, 1433-1441.	1.7	11
80	Inactivation of Endothelial ADAM17 Reduces Retinal Ischemia-Reperfusion Induced Neuronal and Vascular Damage. International Journal of Molecular Sciences, 2020, 21, 5379.	1.8	10
81	Leukocyte Tetraspanin CD53 Restrains $\hat{I}\pm3$ Integrin Mobilization and Facilitates Cytoskeletal Remodeling and Transmigration in Mice. Journal of Immunology, 2020, 205, 521-532.	0.4	10
82	The function and regulation of PD-L1 in immunotherapy. ADMET and DMPK, 2017, 5, 159.	1.1	10
83	Multi-Branch-CNN: Classification of ion channel interacting peptides using multi-branch convolutional neural network. Computers in Biology and Medicine, 2022, 147, 105717.	3.9	10
84	The prognostic significance of protein tyrosine phosphatase 4A2 in breast cancer. OncoTargets and Therapy, 2015, 8, 1707.	1.0	9
85	Digitoxin synergizes with sorafenib to inhibit hepatocelluar carcinoma cell growth without inhibiting cell migration. Molecular Medicine Reports, 2017, 15, 941-947.	1.1	9
86	Novel Therapeutic Anti-ADAM17 Antibody A9(B8) Enhances EGFR-TKI–Mediated Anticancer Activity in NSCLC. Translational Oncology, 2019, 12, 1516-1524.	1.7	9
87	The Toxicological Intersection between Allergen and Toxin: A Structural Comparison of the Cat Dander Allergenic Protein Fel d1 and the Slow Loris Brachial Gland Secretion Protein. Toxins, 2020, 12, 86.	1.5	9
88	Boronate ester bond–based potentiometric aptasensor for screening carcinoembryonic antigen-glycoprotein using nanometer-sized CaCO3 with ion-selective electrode. Analytical and Bioanalytical Chemistry, 2021, 413, 1073-1080.	1.9	9
89	p38 activation and viral infection. Expert Reviews in Molecular Medicine, 2022, 24, e4.	1.6	9
90	Rapid discrimination of colon cancer cells with single base mutation in KRAS gene segment using laser tweezers Raman spectroscopy. Journal of Biophotonics, 2019, 12, e201800332.	1.1	8

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91	New opportunities and challenges of venom-based and bacteria-derived molecules for anticancer targeted therapy. Seminars in Cancer Biology, 2020, , .	4.3	8
92	The structure of helokinestatin-5 and its biosynthetic precursor from Gila monster (Heloderma) Tj ETQq0 0 0 rgBT tail artery smooth muscle. Peptides, 2010, 31, 1555-1561.	/Overlock 1.2	2 10 Tf 50 70 7
93	A new voltammetric immunosensing platform for prostate-specific antigen based on the Cu(<scp>ii</scp>)-pyrophosphate ion chelation reaction. New Journal of Chemistry, 2020, 44, 3820-3823.	1.4	7
94	RUNDC3A regulates SNAP25-mediated chemotherapy resistance by binding AKT in gastric neuroendocrine carcinoma (GNEC). Cell Death Discovery, 2022, 8, .	2.0	7
95	Exploration of gastric neuroendocrine carcinoma (GNEC) specific signaling pathways involved in chemoresistance via transcriptome and in vitro analysis. Computational and Structural Biotechnology Journal, 2020, 18, 2610-2620.	1.9	6
96	Expression and purification of diagnostically sensitive mycobacterial (Mycobacterium bovis) antigens and profiling of their humoral immune response in a rabbit model. Research in Veterinary Science, 2010, 89, 41-47.	0.9	5
97	Aptamerâ€functionalized Ti ₃ C ₂ â€MXene Nanosheets with Oneâ€step Potentiometric Detection of Programmed Deathâ€ligand 1. Electroanalysis, 2022, 34, 2-7.	1.5	5
98	A novel bioengineered fragment peptide of Vasostatin-1 exerts smooth muscle pharmacological activities and anti-angiogenic effects via blocking VEGFR signalling pathway. Computational and Structural Biotechnology Journal, 2021, 19, 2664-2675.	1.9	5
99	Antibody research targeting Cathepsin S for cancer therapy. Advances in Bioscience and Biotechnology (Print), 2013, 04, 17-20.	0.3	5
100	Novel venom-based peptides (P13 and its derivative—M6) to maintain self-renewal of human embryonic stem cells by activating FGF and TGFβ signaling pathways. Stem Cell Research and Therapy, 2020, 11, 243.	2.4	4
101	Structure–Activity Relationship and Molecular Docking of a Kunitz-Like Trypsin Inhibitor, Kunitzin-AH, from the Skin Secretion of Amolops hainanensis. Pharmaceutics, 2021, 13, 966.	2.0	4
102	Proteomic and Genomic Studies on Lizard Venoms in the Last Decade. Proteomics Insights, 2010, 3, PRI.S3693.	2.0	3
103	Pharmacological Effects of a Novel Bradykinin-Related Peptide (RR-18) from the Skin Secretion of the Hejiang Frog (Ordorrana hejiangensis) on Smooth Muscle. Biomedicines, 2020, 8, 225.	1.4	3
104	Multidimensional role of bacteria in cancer: Mechanisms insight, diagnostic, preventive and therapeutic potential. Seminars in Cancer Biology, 2022, 86, 1026-1044.	4.3	3
105	In Vitro & In Vivo Studies on Identifying and Designing Temporin-1CEh from the Skin Secretion of Rana chensinensis as the Optimised Antibacterial Prototype Drug. Pharmaceutics, 2022, 14, 604.	2.0	3
106	DNA in Amphibian and Reptile Venom Permits Access to Genomes without Specimen Sacrifice. Genomics Insights, 2008, 1, GEI.S1039.	3.0	2
107	Signaling networks and the feasibility of computational analysis in gastroenteropancreatic neuroendocrine tumors. Seminars in Cancer Biology, 2019, 58, 80-89.	4.3	2
108	High-throughput Strategy Accelerates the Progress of Marine Anticancer Peptide Drug Development. Recent Patents on Anti-Cancer Drug Discovery, 2019, 14, 2-4.	0.8	2

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109	Biflavonoids from the twigs and leaves of <i>Cephalotaxus oliveri</i> Mast. and their <i>α</i> -glucosidase inhibitory activity. Natural Product Research, 2022, 36, 3085-3094.	1.0	2
110	Editorial: ADAM, ADAMTS and Astacin Proteases: Challenges and Breakthroughs in the -Omics Era. Frontiers in Molecular Biosciences, 2021, 8, 780242.	1.6	2
111	Venom Peptides and Toxins - A Prospective Spearhead in Cancer Treatment. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 357-375.	0.6	2
112	Temporal establishment of neural cell identity in vivo and in vitro. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2582-2589.	1.3	1
113	Venom Toxins as Potential Targeted Therapies. Toxins, 2019, 11, 338.	1.5	1
114	The intricate roles of RCC1 in normal cells and cancer cells. Biochemical Society Transactions, 2022, 50, 83-93.	1.6	1
115	Pearson's principle-inspired hollow metal sulfide for amplified photoelectrochemical immunoassay for disease-related protein. Biosensors and Bioelectronics, 2022, , 114210.	5.3	1
116	Coagulating colubrids: Evolutionary, pathophysiological and biodiscovery implications of venom variations between Dispholidus typus and Thelotornis mossambicanus. Toxicon, 2019, 158, S41.	0.8	0
117	Novel Natural-based Biomolecules Discovery for Tackling Chronic Diseases. Biomolecules, 2020, 10, 1674.	1.8	0
118	Abstract 557: Pharmacological Inhibition of ADAM17 by a Human-Cross Reactive Antibody and Selective Inhibitor JG26 Prevents Vascular Fibrosis Induced by Angiotensin II <i>in vivo</i> and <i>in vitro</i> . Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	1.1	0
119	Rational Design of Novel Brevinin Analogues with Broad Antimicrobial Spectrum and Less Cytotoxicity. SSRN Electronic Journal, O. , .	0.4	0