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	121	121	4400
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Multidimensional role of bacteria in cancer: Mechanisms insight, diagnostic, preventive and therapeutic potential. Seminars in Cancer Biology, 2022, 86, 1026-1044.	4.3	3
2	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
3	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
4	p38 activation and viral infection. Expert Reviews in Molecular Medicine, 2022, 24, e4.	1.6	9
5	Single-atom Pt-anchored Zn0.5Cd0.5S boosted photoelectrochemical immunoassay of prostate-specific antigen. Biosensors and Bioelectronics, 2022, 202, 114006.	5.3	28
6	The intricate roles of RCC1 in normal cells and cancer cells. Biochemical Society Transactions, 2022, 50, 83-93.	1.6	1
7	Pearson's principle-inspired hollow metal sulfide for amplified photoelectrochemical immunoassay for disease-related protein. Biosensors and Bioelectronics, 2022, , 114210.	5.3	1
8	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
9	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
10	RUNDC3A regulates SNAP25-mediated chemotherapy resistance by binding AKT in gastric neuroendocrine carcinoma (GNEC). Cell Death Discovery, 2022, 8, .	2.0	7
11	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
12	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
13	Review of Covid-19 vaccine clinical trials - A puzzle with missing pieces. International Journal of Biological Sciences, 2021, 17, 1461-1468.	2.6	37
14	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
15	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
16	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
17	Development of Marine-Derived Compounds for Cancer Therapy. Marine Drugs, 2021, 19, 342.	2.2	29
18	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

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19	Editorial: ADAM, ADAMTS and Astacin Proteases: Challenges and Breakthroughs in the -Omics Era. Frontiers in Molecular Biosciences, 2021, 8, 780242.	1.6	2
20	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
21	New opportunities and challenges of venom-based and bacteria-derived molecules for anticancer targeted therapy. Seminars in Cancer Biology, 2020, , .	4.3	8
22	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
23	Tetraspanin CD53 Promotes Lymphocyte Recirculation by Stabilizing L-Selectin Surface Expression. IScience, 2020, 23, 101104.	1.9	19
24	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
25	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
26	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
27	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
28	Inactivation of Endothelial ADAM17 Reduces Retinal Ischemia-Reperfusion Induced Neuronal and Vascular Damage. International Journal of Molecular Sciences, 2020, 21, 5379.	1.8	10
29	Novel Natural-based Biomolecules Discovery for Tackling Chronic Diseases. Biomolecules, 2020, 10, 1674.	1.8	0
30	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
31	Leukocyte Tetraspanin CD53 Restrains α3 Integrin Mobilization and Facilitates Cytoskeletal Remodeling and Transmigration in Mice. Journal of Immunology, 2020, 205, 521-532.	0.4	10
32	Current Strategies for Treating NSCLC: From Biological Mechanisms to Clinical Treatment. Cancers, 2020, 12, 1587.	1.7	24
33	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
34	Role of Endothelial ADAM17 in Early Vascular Changes Associated with Diabetic Retinopathy. Journal of Clinical Medicine, 2020, 9, 400.	1.0	15
35	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
36	Inhibitory Activity of a Scorpion Defensin BmKDfsin3 against Hepatitis C Virus. Antibiotics, 2020, 9, 33.	1.5	22

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37	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
38	Bioevaluation of Ranatuerin-2Pb from the Frog Skin Secretion of Rana pipiens and its Truncated Analogues. Biomolecules, 2019, 9, 249.	1.8	18
39	Venom Toxins as Potential Targeted Therapies. Toxins, 2019, 11, 338.	1.5	1
40	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
41	Novel Therapeutic Anti-ADAM17 Antibody A9(B8) Enhances EGFR-TKI–Mediated Anticancer Activity in NSCLC. Translational Oncology, 2019, 12, 1516-1524.	1.7	9
42	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
43	Coagulating colubrids: Evolutionary, pathophysiological and biodiscovery implications of venom variations between Dispholidus typus and Thelotornis mossambicanus. Toxicon, 2019, 158, S41.	0.8	0
44	Signaling networks and the feasibility of computational analysis in gastroenteropancreatic neuroendocrine tumors. Seminars in Cancer Biology, 2019, 58, 80-89.	4.3	2
45	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
46	Basal but divergent: Clinical implications of differential coagulotoxicity in a clade of Asian vipers. Toxicology in Vitro, 2019, 58, 195-206.	1.1	30
47	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
48	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
49	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
50	DNA replication licensing proteins: Saints and sinners in cancer. Seminars in Cancer Biology, 2019, 58, 11-21.	4.3	31
51	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
52	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
53	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
54	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

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55	Does size matter? Venom proteomic and functional comparison between night adder species (Viperidae:) Tj ETQq Toxicology and Pharmacology, 2018, 211, 7-14.	1 1 0.784: 1.3	314 rgBT /0 13
56	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
57	The Roles of Protein Tyrosine Phosphatases in Hepatocellular Carcinoma. Cancers, 2018, 10, 82.	1.7	35
58	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
59	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
60	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
61	Targeting PD-L1 Protein: Translation, Modification and Transport. Current Protein and Peptide Science, 2018, 20, 82-91.	0.7	20
62	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
63	Identification of TWIST-interacting genes in prostate cancer. Science China Life Sciences, 2017, 60, 386-396.	2.3	20
64	The prognostic significance of Cdc6 and Cdt1 in breast cancer. Scientific Reports, 2017, 7, 985.	1.6	69
65	Correlation between ontogenetic dietary shifts and venom variation in Australian brown snakes () Tj ETQq1 1 0.78 197, 53-60.	4314 rgB 1.3	T /Overlock 54
66	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
67	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
68	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
69	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
70	Venom Peptides: Improving Specificity in Cancer Therapy. Trends in Cancer, 2017, 3, 611-614.	3.8	32
71	Digitoxin synergizes with sorafenib to inhibit hepatocelluar carcinoma cell growth without inhibiting cell migration. Molecular Medicine Reports, 2017, 15, 941-947.	1.1	9
72	Osteopontin a promising biomarker for cancer therapy. Journal of Cancer, 2017, 8, 2173-2183.	1.2	108

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73	Venom-based peptide therapy: insights into anti-cancer mechanism. Oncotarget, 2017, 8, 100908-100930.	0.8	63
74	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
75	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
76	Enter the Dragon: The Dynamic and Multifunctional Evolution of Anguimorpha Lizard Venoms. Toxins, 2017, 9, 242.	1.5	37
77	Expression of minichromosome maintenance genes in renal cell carcinoma. Cancer Management and Research, 2017, Volume 9, 637-647.	0.9	28
78	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
79	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
80	The prognostic significance of DAPK1 in bladder cancer. PLoS ONE, 2017, 12, e0175290.	1.1	17
81	CD133 in brain tumor: the prognostic factor. Oncotarget, 2017, 8, 11144-11159.	0.8	34
82	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
83	The function and regulation of PD-L1 in immunotherapy. ADMET and DMPK, 2017, 5, 159.	1.1	10
84	DAPK1 as an independent prognostic marker in liver cancer. PeerJ, 2017, 5, e3568.	0.9	23
85	Venom Peptides and Toxins - A Prospective Spearhead in Cancer Treatment. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 357-375.	0.6	2
86	Two Novel Dermaseptin-Like Antimicrobial Peptides with Anticancer Activities from the Skin Secretion of Pachymedusa dacnicolor. Toxins, 2016, 8, 144.	1.5	35
87	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
88	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
89	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
90	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

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91	The Prognostic Significance of Combining VEGFA, FLT1 and KDR mRNA Expressions in Brain Tumors. Journal of Cancer, 2015, 6, 812-818.	1.2	19
92	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
93	The prognostic significance of protein tyrosine phosphatase 4A2 in breast cancer. OncoTargets and Therapy, 2015, 8, 1707.	1.0	9
94	Recent advances in the field of anti-cancer immunotherapy. BBA Clinical, 2015, 3, 280-288.	4.1	72
95	A Review on Bradykinin-Related Peptides Isolated from Amphibian Skin Secretion. Toxins, 2015, 7, 951-970.	1.5	27
96	The prognostic significance of PD-L1 in bladder cancer. Oncology Reports, 2015, 33, 3075-3084.	1.2	90
97	Prognostic significance of combining VEGFA, FLT1 and KDR mRNA expression in lung cancer. Oncology Letters, 2015, 10, 1893-1901.	0.8	17
98	Prognostic significance of minichromosome maintenance proteins in breast cancer. American Journal of Cancer Research, 2015, 5, 52-71.	1.4	47
99	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
100	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
101	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
102	Antibody research targeting Cathepsin S for cancer therapy. Advances in Bioscience and Biotechnology (Print), 2013, 04, 17-20.	0.3	5
103	Inhibition of Cathepsin S by Fsn0503 enhances the efficacy of chemotherapy in colorectal carcinomas. Biochimie, 2012, 94, 487-493.	1.3	44
104	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
105	Antibody targeting of Cathepsin S induces antibody-dependent cellular cytotoxicity. Molecular Cancer, 2011, 10, 147.	7.9	17
106	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
107	Proteomic and Genomic Studies on Lizard Venoms in the Last Decade. Proteomics Insights, 2010, 3, PRI.S3693.	2.0	3
108	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

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109	Functional and Structural Diversification of the Anguimorpha Lizard Venom System. Molecular and Cellular Proteomics, 2010, 9, 2369-2390.	2.5	70
110	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
111	The structure of helokinestatin-5 and its biosynthetic precursor from Gila monster (Heloderma) Tj ETQq1 1 0.784 tail artery smooth muscle. Peptides, 2010, 31, 1555-1561.	314 rgBT / 1.2	Overlock 10 7
112	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
113	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
114	Helokinestatin: A new bradykinin B2 receptor antagonist decapeptide from lizard venom. Peptides, 2008, 29, 65-72.	1.2	20
115	Multiplex Immunoassay for Serological Diagnosis of <i>Mycobacterium bovis</i> Infection in Cattle. Vaccine Journal, 2008, 15, 1834-1838.	3.2	67
116	DNA in Amphibian and Reptile Venom Permits Access to Genomes without Specimen Sacrifice. Genomics Insights, 2008, 1, GEI.S1039.	3.0	2
117	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
118	Unmasking venom gland transcriptomes in reptile venoms. Analytical Biochemistry, 2002, 311, 152-156.	1.1	36
119	Rational Design of Novel Brevinin Analogues with Broad Antimicrobial Spectrum and Less Cytotoxicity. SSRN Electronic Journal, 0, , .	0.4	0