

Wei Duan

List of Publications by Year in descending order

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226
papers

11,530
citations

25034

57
h-index

37204

96
g-index

227
all docs

227
docs citations

227
times ranked

16141
citing authors

#	ARTICLE	IF	CITATIONS
1	Herb-Drug Interactions. <i>Drugs</i> , 2005, 65, 1239-1282.	10.9	520
2	Mechanism-Based Inhibition of Cytochrome P450 3A4 by Therapeutic Drugs. <i>Clinical Pharmacokinetics</i> , 2005, 44, 279-304.	3.5	419
3	Selection of DNA Aptamers against Epithelial Cell Adhesion Molecule for Cancer Cell Imaging and Circulating Tumor Cell Capture. <i>Analytical Chemistry</i> , 2013, 85, 4141-4149.	6.5	399
4	Substrates and Inhibitors of Human Multidrug Resistance Associated Proteins and the Implications in Drug Development. <i>Current Medicinal Chemistry</i> , 2008, 15, 1981-2039.	2.4	330
5	Drug Bioactivation Covalent Binding to Target Proteins and Toxicity Relevance. <i>Drug Metabolism Reviews</i> , 2005, 37, 41-213.	3.6	257
6	Cancer stem cells: A contentious hypothesis now moving forward. <i>Cancer Letters</i> , 2014, 344, 180-187.	7.2	217
7	RNA aptamer against a cancer stem cell marker epithelial cell adhesion molecule. <i>Cancer Science</i> , 2011, 102, 991-998.	3.9	199
8	Clinical Pharmacogenetics and Potential Application in Personalized Medicine. <i>Current Drug Metabolism</i> , 2008, 9, 738-784.	1.2	196
9	Nucleic Acid Aptamer-Guided Cancer Therapeutics and Diagnostics: the Next Generation of Cancer Medicine. <i>Theranostics</i> , 2015, 5, 23-42.	10.0	184
10	Role of surface charge and oxidative stress in cytotoxicity and genotoxicity of graphene oxide towards human lung fibroblast cells. <i>Journal of Applied Toxicology</i> , 2013, 33, 1156-1164.	2.8	178
11	Ring opening polymerization of α -amino acids: advances in synthesis, architecture and applications of polypeptides and their hybrids. <i>Chemical Society Reviews</i> , 2020, 49, 4737-4834.	38.1	178
12	Inhaled p38 β Mitogen-activated Protein Kinase Antisense Oligonucleotide Attenuates Asthma in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 571-578.	5.6	168
13	Graphene quantum dots induce apoptosis, autophagy, and inflammatory response via p38 mitogen-activated protein kinase and nuclear factor- κ B mediated signaling pathways in activated THP-1 macrophages. <i>Toxicology</i> , 2015, 327, 62-76.	4.2	167
14	Metabolism and Transport of Oxazaphosphorines and the Clinical Implications. <i>Drug Metabolism Reviews</i> , 2005, 37, 611-703.	3.6	158
15	Metallothionein 2A expression is associated with cell proliferation in breast cancer. <i>Carcinogenesis</i> , 2002, 23, 81-86.	2.8	157
16	RNA aptamers targeting cancer stem cell marker CD133. <i>Cancer Letters</i> , 2013, 330, 84-95.	7.2	157
17	Epithelial cell adhesion molecule (EPCAM) is associated with prostate cancer metastasis and chemo/radioresistance via the PI3K/Akt/mTOR signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2736-2748.	2.8	155
18	Inhibition of A/Human/Hubei/3/2005 (H3N2) influenza virus infection by silver nanoparticles in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2013, 8, 4103.	6.7	155

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19	Superior Performance of Aptamer in Tumor Penetration over Antibody: Implication of Aptamer-Based Theranostics in Solid Tumors. <i>Theranostics</i> , 2015, 5, 1083-1097.	10.0	147
20	Ets2 Maintains hTERT Gene Expression and Breast Cancer Cell Proliferation by Interacting with c-Myc. <i>Journal of Biological Chemistry</i> , 2008, 283, 23567-23580.	3.4	134
21	Exosomes and Nanoengineering: A Match Made for Precision Therapeutics. <i>Advanced Materials</i> , 2020, 32, e1904040.	21.0	134
22	Plumbagin induces apoptotic and autophagic cell death through inhibition of the PI3K/Akt/mTOR pathway in human non-small cell lung cancer cells. <i>Cancer Letters</i> , 2014, 344, 239-259.	7.2	131
23	Cancer stem cell targeted therapy: progress amid controversies. <i>Oncotarget</i> , 2015, 6, 44191-44206.	1.8	129
24	Human Multidrug Resistance Associated Protein 4 Confers Resistance to Camptothecins. <i>Pharmaceutical Research</i> , 2005, 22, 1837-1853.	3.5	127
25	CD44 variant 6 is associated with prostate cancer metastasis and chemo- γ radioresistance. <i>Prostate</i> , 2014, 74, 602-617.	2.3	126
26	Antiinflammatory Effects of Genistein, a Tyrosine Kinase Inhibitor, on a Guinea Pig Model of Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 185-192.	5.6	116
27	Substrate Specificity, Regulation, and Polymorphism of Human Cytochrome P450 2B6. <i>Current Drug Metabolism</i> , 2009, 10, 730-753.	1.2	114
28	An anti-inflammatory role for a phosphoinositide 3-kinase inhibitor LY294002 in a mouse asthma model. <i>International Immunopharmacology</i> , 2005, 5, 495-502.	3.8	105
29	Monitoring of immune responses to a herbal immuno-modulator in patients with advanced colorectal cancer. <i>International Immunopharmacology</i> , 2006, 6, 499-508.	3.8	105
30	Inflammation and cancer stem cells. <i>Cancer Letters</i> , 2014, 345, 271-278.	7.2	105
31	Aptamers as Theranostic Agents: Modifications, Serum Stability and Functionalisation. <i>Sensors</i> , 2013, 13, 13624-13637.	3.8	104
32	Exosomes and breast cancer drug resistance. <i>Cell Death and Disease</i> , 2020, 11, 987.	6.3	103
33	Effects of purified herbal extract of <i>Salvia miltiorrhiza</i> on ischemic rat myocardium after acute myocardial infarction. <i>Life Sciences</i> , 2005, 76, 2849-2860.	4.3	101
34	Multifunctional nanoparticle- γ EpCAM aptamer bioconjugates: A paradigm for targeted drug delivery and imaging in cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 379-389.	3.3	94
35	Transport of Cryptotanshinone, a Major Active Triterpenoid in <i>Salvia Miltiorrhiza</i> Bunge Widely Used in the Treatment of Stroke and Alzheimers Disease, Across the Blood-Brain Barrier. <i>Current Drug Metabolism</i> , 2007, 8, 365-377.	1.2	87
36	A Mechanistic Study of the Intestinal Absorption of Cryptotanshinone, the Major Active Constituent of <i>Salvia miltiorrhiza</i> . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1285-1294.	2.5	86

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37	Targeting epithelial-mesenchymal transition and cancer stem cells for chemoresistant ovarian cancer. <i>Oncotarget</i> , 2016, 7, 55771-55788.	1.8	85
38	EpCAM Aptamer-mediated Survivin Silencing Sensitized Cancer Stem Cells to Doxorubicin in a Breast Cancer Model. <i>Theranostics</i> , 2015, 5, 1456-1472.	10.0	84
39	Aptamers: A promising chemical antibody for cancer therapy. <i>Oncotarget</i> , 2016, 7, 13446-13463.	1.8	82
40	Challenges and opportunities for siRNA-based cancer treatment. <i>Cancer Letters</i> , 2017, 387, 77-83.	7.2	82
41	Isolation, characterization, cDNA cloning and gene expression of an avian transthyretin. Implications for the evolution of structure and function of transthyretin in vertebrates. <i>FEBS Journal</i> , 1991, 200, 679-687.	0.2	76
42	Topotecan Is a Substrate for Multidrug Resistance Associated Protein 4. <i>Current Drug Metabolism</i> , 2006, 7, 105-118.	1.2	75
43	Development of a Bifunctional Aptamer Targeting the Transferrin Receptor and Epithelial Cell Adhesion Molecule (EpCAM) for the Treatment of Brain Cancer Metastases. <i>ACS Chemical Neuroscience</i> , 2017, 8, 777-784.	3.5	75
44	Role of P-Glycoprotein in the Intestinal Absorption of Tanshinone IIA, a Major Active Ingredient in the Root of <i>Salvia miltiorrhiza</i> Bunge. <i>Current Drug Metabolism</i> , 2007, 8, 325-340.	1.2	74
45	Epithelial cell adhesion molecule aptamer functionalized PLGA-lecithin-curcumin-PEG nanoparticles for targeted drug delivery to human colorectal adenocarcinoma cells. <i>International Journal of Nanomedicine</i> , 2014, 9, 1083.	6.7	72
46	Relationship of glutathione S-transferase genotypes with side-effects of pulsed cyclophosphamide therapy in patients with systemic lupus erythematosus. <i>British Journal of Clinical Pharmacology</i> , 2006, 62, 457-472.	2.4	71
47	Transforming doxorubicin into a cancer stem cell killer via EpCAM aptamer-mediated delivery. <i>Theranostics</i> , 2017, 7, 4071-4086.	10.0	70
48	Insights into the Structure, Function, and Regulation of Human Cytochrome P450 1A2. <i>Current Drug Metabolism</i> , 2009, 10, 713-729.	1.2	69
49	Antitumor Activity and Underlying Mechanisms of Ganopoly, The Refined Polysaccharides Extracted from <i>Ganoderma Lucidum</i> , in Mice. <i>Immunological Investigations</i> , 2005, 34, 171-198.	2.0	68
50	Role of the EpCAM (CD326) in prostate cancer metastasis and progression. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 779-791.	5.9	68
51	Drug-Herb Interactions: Eliminating Toxicity with Hard Drug Design. <i>Current Pharmaceutical Design</i> , 2006, 12, 4649-4664.	1.9	66
52	Clinical pharmacology of dipeptidyl peptidase 4 inhibitors indicated for the treatment of type 2 diabetes mellitus. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 999-1024.	1.9	65
53	Aptamers as targeting ligands and therapeutic molecules for overcoming drug resistance in cancers. <i>Advanced Drug Delivery Reviews</i> , 2018, 134, 107-121.	13.7	63
54	The use of zein in the controlled release of poorly water-soluble drugs. <i>International Journal of Pharmaceutics</i> , 2019, 566, 557-564.	5.2	61

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55	Aspirin-loaded nanoexosomes as cancer therapeutics. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118786.	5.2	60
56	St. John's wort attenuates irinotecan-induced diarrhea via down-regulation of intestinal pro-inflammatory cytokines and inhibition of intestinal epithelial apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2006, 216, 225-237.	2.8	59
57	Fabrication of high specificity hollow mesoporous silica nanoparticles assisted by Eudragit for targeted drug delivery. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 151-160.	9.4	59
58	Relationship between genotype and enzyme activity of glutathione S-transferases M1 and P1 in Chinese. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 28, 77-85.	4.0	58
59	Apoptosis and microRNA aberrations in cancer. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 739-746.	1.9	57
60	Multifunctional and multitargeted nanoparticles for drug delivery to overcome barriers of drug resistance in human cancers. <i>Drug Discovery Today</i> , 2013, 18, 1292-1300.	6.4	57
61	Truncation and Mutation of a Transferrin Receptor Aptamer Enhances Binding Affinity. <i>Nucleic Acid Therapeutics</i> , 2016, 26, 348-354.	3.6	56
62	Lentiviral vector-mediated overexpression of Klotho in the brain improves Alzheimer's disease-like pathology and cognitive deficits in mice. <i>Neurobiology of Aging</i> , 2019, 78, 18-28.	3.1	55
63	Spermatogenesis in the blue swimming crab, <i>Portunus pelagicus</i> , and evidence for histones in mature sperm nuclei. <i>Tissue and Cell</i> , 2010, 42, 137-150.	2.2	54
64	Epigallocatechin-3-gallate induces the apoptosis of hepatocellular carcinoma LM6 cells but not non-cancerous liver cells. <i>International Journal of Molecular Medicine</i> , 2015, 35, 117-124.	4.0	52
65	Antitumor Activity and Underlying Mechanisms of Ganopoly, The Refined Polysaccharides Extracted from <i>Ganoderma lucidum</i> , in Mice. <i>Immunological Investigations</i> , 2005, 34, 171-198.	2.0	51
66	Aptamer-Based Therapeutic Approaches to Target Cancer Stem Cells. <i>Theranostics</i> , 2017, 7, 3948-3961.	10.0	51
67	Regulation of human pregnane X receptor and its target gene cytochrome P450 3A4 by Chinese herbal compounds and a molecular docking study. <i>Xenobiotica</i> , 2011, 41, 259-280.	1.1	50
68	Tumoricidal effects of the JAK inhibitor Ruxolitinib (INC424) on hepatocellular carcinoma in vitro. <i>Cancer Letters</i> , 2013, 341, 224-230.	7.2	50
69	Analysis of Cardioprotective Effects Using Purified <i>Salvia miltiorrhiza</i> Extract on Isolated Rat Hearts. <i>Journal of Pharmacological Sciences</i> , 2006, 101, 245-249.	2.5	49
70	In silico design and validation of high-affinity RNA aptamers targeting epithelial cellular adhesion molecule dimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8486-8493.	7.1	49
71	Cisplatin-Induced Formation of Biocompatible and Biodegradable Polypeptide-Based Vesicles for Targeted Anticancer Drug Delivery. <i>Biomacromolecules</i> , 2015, 16, 2463-2474.	5.4	48
72	Cancer Stem Cells in Prostate Cancer Chemoresistance. <i>Current Cancer Drug Targets</i> , 2014, 14, 225-240.	1.6	48

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73	Cytochrome bc1 Regulates the Mitochondrial Permeability Transition by Two Distinct Pathways. <i>Journal of Biological Chemistry</i> , 2004, 279, 50420-50428.	3.4	47
74	Synthesis and Biological Evaluation of Novel Folic Acid Receptor-Targeted, β -Cyclodextrin-Based Drug Complexes for Cancer Treatment. <i>PLoS ONE</i> , 2013, 8, e62289.	2.5	47
75	Tumor cell membrane-based peptide delivery system targeting the tumor microenvironment for cancer immunotherapy and diagnosis. <i>Acta Biomaterialia</i> , 2021, 127, 266-275.	8.3	47
76	Development of a nanoamorphous exosomal delivery system as an effective biological platform for improved encapsulation of hydrophobic drugs. <i>International Journal of Pharmaceutics</i> , 2019, 566, 697-707.	5.2	45
77	Aptamer-guided extracellular vesicle theranostics in oncology. <i>Theranostics</i> , 2020, 10, 3849-3866.	10.0	45
78	Insights into oxazaphosphorine resistance and possible approaches to its circumvention. <i>Drug Resistance Updates</i> , 2005, 8, 271-297.	14.4	44
79	Simultaneous determination of the lactone and carboxylate forms of irinotecan (CPT-11) and its active metabolite SN-38 by high-performance liquid chromatography: Application to plasma pharmacokinetic studies in the rat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 821, 221-228.	2.3	43
80	Tanshinone IIB, a primary active constituent from <i>Salvia miltiorrhiza</i> , exhibits neuro-protective activity in experimentally stroked rats. <i>Neuroscience Letters</i> , 2007, 417, 261-265.	2.1	43
81	Alisertib, an Aurora kinase A inhibitor, induces apoptosis and autophagy but inhibits epithelial to mesenchymal transition in human epithelial ovarian cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 425.	4.3	43
82	Efficacy of Using Cancer Stem Cell Markers in Isolating and Characterizing Liver Cancer Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 2655-2664.	2.1	41
83	St. John's Wort Modulates the Toxicities and Pharmacokinetics of CPT-11 (Irinotecan) in Rats. <i>Pharmaceutical Research</i> , 2005, 22, 902-914.	3.5	40
84	The Use of Sensitive Chemical Antibodies for Diagnosis: Detection of Low Levels of Epcam in Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e57613.	2.5	40
85	Aptamer-mediated survivin RNAi enables 5-fluorouracil to eliminate colorectal cancer stem cells. <i>Scientific Reports</i> , 2017, 7, 5898.	3.3	40
86	Cloning and characterization of AWP1, a novel protein that associates with serine/threonine kinase PRK1 in vivo. <i>Gene</i> , 2000, 256, 113-121.	2.2	39
87	Role of P-glycoprotein in Limiting the Brain Penetration of Glabridin, An Active Isoflavan from the Root of <i>Glycyrrhiza glabra</i> . <i>Pharmaceutical Research</i> , 2007, 24, 1668-1690.	3.5	39
88	Synergistic effects of IAP inhibitor LCL161 and paclitaxel on hepatocellular carcinoma cells. <i>Cancer Letters</i> , 2014, 351, 232-241.	7.2	39
89	An aptamer-based drug delivery agent (CD133-apt-Dox) selectively and effectively kills liver cancer stem-like cells. <i>Cancer Letters</i> , 2021, 501, 124-132.	7.2	38
90	Novel Agents that Potentially Inhibit Irinotecan-Induced Diarrhea. <i>Current Medicinal Chemistry</i> , 2005, 12, 1343-1358.	2.4	37

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91	Nitric oxide protects against mitochondrial permeabilization induced by glutathione depletion: Role of S-nitrosylation?. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 255-262.	2.1	37
92	A Study of the Effects of Flux Density and Frequency of Pulsed Electromagnetic Field on Neurite Outgrowth in PC12 Cells. <i>Journal of Biological Physics</i> , 2006, 32, 1-9.	1.5	37
93	Hydrophilic-hydrophobic polymer blend for modulation of crystalline changes and molecular interactions in solid dispersion. <i>International Journal of Pharmaceutics</i> , 2016, 513, 148-152.	5.2	37
94	Age-related cognitive decline is associated with microbiota-gut-brain axis disorders and neuroinflammation in mice. <i>Behavioural Brain Research</i> , 2021, 402, 113125.	2.2	37
95	Evolution of Transthyretin in Marsupials. <i>FEBS Journal</i> , 1995, 227, 396-406.	0.2	35
96	Early induction of calpains in rotenone-mediated neuronal apoptosis. <i>Neuroscience Letters</i> , 2006, 397, 69-73.	2.1	35
97	Genetic polymorphisms of cytochrome P450 2B6 gene in Han Chinese. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 14-21.	4.0	35
98	Molecular characterization of Osh6p, an oxysterol binding protein homolog in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2005, 272, 4703-4715.	4.7	33
99	Induction of Propranolol Metabolism by Ginkgo biloba Extract EGb 761 in Rats. <i>Current Drug Metabolism</i> , 2006, 7, 577-587.	1.2	33
100	A Mechanistic Study on Reduced Toxicity of Irinotecan by Coadministered Thalidomide, a Tumor Necrosis Factor- α Inhibitor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 82-104.	2.5	33
101	Nano-sized solid dispersions based on hydrophobic-hydrophilic conjugates for dissolution enhancement of poorly water-soluble drugs. <i>International Journal of Pharmaceutics</i> , 2017, 533, 93-98.	5.2	33
102	Recent developments of nanoparticle-delivered dosage forms for buccal delivery. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118697.	5.2	33
103	Cancer stem cell targeting: the next generation of cancer therapy and molecular imaging. <i>Therapeutic Delivery</i> , 2012, 3, 227-244.	2.2	32
104	Inhibition of Aurora kinases induces apoptosis and autophagy via AURKB/p70S6K/RPL15 axis in human leukemia cells. <i>Cancer Letters</i> , 2016, 382, 215-230.	7.2	32
105	Effects of miR-29a and miR-101a Expression on Myocardial Interstitial Collagen Generation After Aerobic Exercise in Myocardial-infarcted Rats. <i>Archives of Medical Research</i> , 2017, 48, 27-34.	3.3	32
106	Aptamers and Glioblastoma: Their Potential Use for Imaging and Therapeutic Applications. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2576.	4.1	31
107	A Mechanistic Study on Altered Pharmacokinetics of Irinotecan by St. Johns Wort. <i>Current Drug Metabolism</i> , 2007, 8, 157-171.	1.2	30
108	Clinical applications of aptamers and nucleic acid therapeutics in haematological malignancies. <i>British Journal of Haematology</i> , 2011, 155, 3-13.	2.5	30

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109	Predictive Value of UGT1A1*28 Polymorphism In Irinotecan-based Chemotherapy. <i>Journal of Cancer</i> , 2017, 8, 691-703.	2.5	30
110	Multidrug resistance proteins (MRPs) and implication in drug development. <i>Drug Development Research</i> , 2005, 64, 1-18.	2.9	29
111	Epithelial cell adhesion molecule (EpCAM) is involved in prostate cancer chemotherapy/radiotherapy response in vivo. <i>BMC Cancer</i> , 2018, 18, 1092.	2.6	29
112	Dual-Cross-Linked Network Hydrogels with Multiresponsive, Self-Healing, and Shear Strengthening Properties. <i>Biomacromolecules</i> , 2021, 22, 800-810.	5.4	29
113	Enhanced Antitumor Efficacy and Reduced Systemic Toxicity of Sulfatide-Containing Nanoliposomal Doxorubicin in a Xenograft Model of Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e49277.	2.5	29
114	DEVELOPING LSPR DESIGN GUIDELINES. <i>Progress in Electromagnetics Research</i> , 2012, 126, 203-235.	4.4	28
115	The inhibition of ABCB1/MDR1 or ABCG2/BCRP enables doxorubicin to eliminate liver cancer stem cells. <i>Scientific Reports</i> , 2021, 11, 10791.	3.3	28
116	The nucleotide sequence of transthyretin cDNA isolated from a sheep choroid plexus cDNA library. <i>Nucleic Acids Research</i> , 1989, 17, 6384-6384.	14.5	27
117	Cloning and nucleotide sequencing of transthyretin (prealbumin) cDNA from rat choroid plexus and liver. <i>Nucleic Acids Research</i> , 1989, 17, 3979-3979.	14.5	27
118	Design of New Oxazaphosphorine Anticancer Drugs. <i>Current Pharmaceutical Design</i> , 2007, 13, 963-978.	1.9	27
119	Protein kinase C isozymes as potential therapeutic targets in immune disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2008, 12, 535-552.	3.4	27
120	A Detailed Protein-SELEX Protocol Allowing Visual Assessments of Individual Steps for a High Success Rate. <i>Human Gene Therapy Methods</i> , 2019, 30, 1-16.	2.1	27
121	The PKC δ -D294G Mutant Found in Pituitary and Thyroid Tumors Fails to Transduce Extracellular Signals. <i>Cancer Research</i> , 2005, 65, 4520-4524.	0.9	26
122	Intracellular drug delivery by sulfatide-mediated liposomes to gliomas. <i>Journal of Controlled Release</i> , 2006, 115, 150-157.	9.9	26
123	Emerging host cell targets for hepatitis C therapy. <i>Drug Discovery Today</i> , 2007, 12, 209-217.	6.4	26
124	Smoothed activates breast cancer stem-like cell and promotes tumorigenesis and metastasis of breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 1099-1104.	5.6	26
125	The pan-inhibitor of Aurora kinases danusertib induces apoptosis and autophagy and suppresses epithelial-to-mesenchymal transition in human breast cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1027.	4.3	26
126	Simultaneous determination of irinotecan (CPT-11) and SN-38 in tissue culture media and cancer cells by high performance liquid chromatography: Application to cellular metabolism and accumulation studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 575-580.	2.3	25

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127	Binding of Thyroxine to Pig Transthyretin, its cDNA Structure, and Other Properties. <i>FEBS Journal</i> , 1995, 230, 977-986.	0.2	25
128	Proteomic identification of the lactate dehydrogenase A in a radioresistant prostate cancer xenograft mouse model for improving radiotherapy. <i>Oncotarget</i> , 2016, 7, 74269-74285.	1.8	24
129	Identification of two proteins, S14 and UIP1, that interact with UCH37. <i>FEBS Letters</i> , 2001, 488, 201-205.	2.8	23
130	Bardoxolone methyl induces apoptosis and autophagy and inhibits epithelial-to-mesenchymal transition and stemness in esophageal squamous cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 993.	4.3	23
131	Fucoidan-based nanostructures: A focus on its combination with chitosan and the surface functionalization of metallic nanoparticles for drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118956.	5.2	23
132	Signaling via a novel integral plasma membrane pool of a serine/threonine protein kinase PRK1 in mammalian cells. <i>FASEB Journal</i> , 2004, 18, 1722-1724.	0.5	22
133	The Mechanisms of Chansu in Inducing Efficient Apoptosis in Colon Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	22
134	Chansu inhibits the expression of cortactin in colon cancer cell lines in vitro and in vivo. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 207.	3.7	22
135	The Application of Aptamers for Immunohistochemistry. <i>Nucleic Acid Therapeutics</i> , 2016, 26, 120-126.	3.6	22
136	New pH-responsive gemini lipid derived co-liposomes for efficacious doxorubicin delivery to drug resistant cancer cells. <i>Chemical Communications</i> , 2017, 53, 8184-8187.	4.1	22
137	Drug stabilization in the gastrointestinal tract and potential applications in the colonic delivery of oral zein-based formulations. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118614.	5.2	22
138	Cloning of the crustacean hyperglycemic hormone and evidence for molt-inhibiting hormone within the central nervous system of the blue crab <i>Portunus pelagicus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 164, 276-290.	1.8	21
139	Anti-metastatic and differential effects on protein expression of epigallocatechin-3-gallate in HCCLM6 hepatocellular carcinoma cells. <i>International Journal of Molecular Medicine</i> , 2013, 32, 959-964.	4.0	21
140	U18666A-mediated apoptosis in cultured murine cortical neurons: Role of caspases, calpains and kinases. <i>Cellular Signalling</i> , 2006, 18, 1572-1583.	3.6	20
141	GSK3 β modulates PACAP-induced neuritogenesis in PC12 cells by acting downstream of Rap1 in a caveolae-dependent manner. <i>Cellular Signalling</i> , 2009, 21, 237-245.	3.6	20
142	Drug Bioactivation Covalent Binding to Target Proteins and Toxicity Relevance. <i>Drug Metabolism Reviews</i> , 2005, 37, 41-213.	3.6	20
143	The Expression of the Transthyretin Gene in Liver Evolved during the Radiation of Diprotodont Marsupials in Australia. <i>General and Comparative Endocrinology</i> , 1993, 90, 177-182.	1.8	19
144	Prediction of herb-drug metabolic interactions: a simulation study. <i>Phytotherapy Research</i> , 2005, 19, 464-471.	5.8	19

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145	Effects of design parameters on sensitivity of microcantilever biosensors. , 2010, , .		19
146	Ontogenesis of transthyretin gene expression in chicken choroid plexus and liver. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 100, 329-338.	0.2	18
147	The Last 10 Amino Acid Residues beyond the Hydrophobic Motif Are Critical for the Catalytic Competence and Function of Protein Kinase C α . <i>Journal of Biological Chemistry</i> , 2006, 281, 30768-30781.	3.4	18
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