

Shu-Feng Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

408
papers

22,136
citations

71
h-index

135
g-index

422
ext. papers

24,835
ext. citations

4.7
avg, IF

6.97
L-index

#	Paper	IF	Citations
408	Photoredox-catalyzed synthesis of sulfonated oxazolines from N-allylamides through the insertion of sulfur dioxide. <i>Organic Chemistry Frontiers</i> , 2022 , 9, 364-369	5.2	4
407	Cobalt Phthalocyanine Supported on Mesoporous CeO as an Active Molecular Catalyst for CO Oxidation.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	2
406	3D-Printed Aldo-keto reductase within biocompatible polymers as catalyst for chiral drug intermediate. <i>Chemical Engineering Journal</i> , 2022 , 429, 132293	14.7	2
405	3D printing of recombinant Escherichia coli/Au nanocomposites as agitating paddles towards robust catalytic reduction of 4-nitrophenol. <i>Journal of Hazardous Materials</i> , 2022 , 423, 126983	12.8	2
404	Enhanced targeting of 3D pancreatic cancer spheroids by aptamer-conjugated polymeric micelles with deep tumor penetration. <i>European Journal of Pharmacology</i> , 2021 , 894, 173814	5.3	7
403	Marine-Source Quorum Quenching Enzyme YtnP to Improve Hygiene Quality in Dental Units. <i>Marine Drugs</i> , 2021 , 19,	6	1
402	Inkjet printing-assisted single-cell microarray on a hydrophobic surface chip for real-time monitoring of enzyme kinetics at single-cell level. <i>Talanta</i> , 2021 , 225, 122019	6.2	3
401	The inhibition of ABCB1/MDR1 or ABCG2/BCRP enables doxorubicin to eliminate liver cancer stem cells. <i>Scientific Reports</i> , 2021 , 11, 10791	4.9	5
400	Ni-Based Metal-Organic Framework Nanorods Self-assembled into Hollow Architecture and Decorated with Pt Nanoparticles as Nanocatalysts for CO Oxidation. <i>ACS Applied Nano Materials</i> , 2021 , 4, 4356-4360	5.6	2
399	Fabrication of Versatile Hollow Metal-Organic Framework Nanoplatfoms for Folate-Targeted and Combined Cancer Imaging and Therapy.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6417-6429	4.1	3
398	Confined growth of MOF nanocrystals using a blocked metal ion source. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 3976-3984	13	4
397	Bovine extracellular vesicles contaminate human extracellular vesicles produced in cell culture conditioned medium when 'exosome-depleted serum' is utilised. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 708, 108963	4.1	4
396	Simultaneously Enhanced Charge Separation and Transfer in Cocatalyst-Free Hematite Photoanode by Mo/Sn Codoping. <i>ACS Applied Energy Materials</i> , 2021 , 4, 10368-10379	6.1	4
395	Metal-Free Sulfonylative Spirocyclization of Indolyl-ynones via Insertion of Sulfur Dioxide: Access to Sulfonated Spiro[cyclopentenone-1,3'-indoles]. <i>Organic Letters</i> , 2021 , 23, 7992-7995	6.2	7
394	Environmental occurrence, fate, impact, and potential solution of tire microplastics: Similarities and differences with tire wear particles. <i>Science of the Total Environment</i> , 2021 , 795, 148902	10.2	19
393	Quorum Quenching Mediated Bacteria Interruption as a Probable Strategy for Drinking Water Treatment against Bacterial Pollution. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
392	Biomimetic Au/CeO Catalysts Decorated with Hemin or Ferrous Phthalocyanine for Improved CO Oxidation Local Synergistic Effects. <i>IScience</i> , 2020 , 23, 101852	6.1	4

391	Characterization and Catalytic-Site-Analysis of an Aldo-Keto Reductase with Excellent Solvent Tolerance. <i>Catalysts</i> , 2020 , 10, 1121	4	3
390	Intercalation of laminar Cu-Al LDHs with molecular TCPP(M) (M = Zn, Co, Ni, and Fe) towards high-performance CO hydrogenation catalysts. <i>Nanoscale</i> , 2020 , 12, 13145-13156	7.7	10
389	Improvement and Metabolomics-Based Analysis of d-Lactic Acid Production from Agro-Industrial Wastes by Submitted to Adaptive Laboratory Evolution. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7660-7669	5.7	12
388	Proteomics reveals a therapeutic vulnerability via the combined blockade of APE1 and autophagy in lung cancer A549 cells. <i>BMC Cancer</i> , 2020 , 20, 634	4.8	9
387	A novel dissolution-precipitation method for high-efficiency separation of oil-wetted oil sands. <i>Canadian Journal of Chemical Engineering</i> , 2020 , 98, 1157-1163	2.3	0
386	Fabrication of Folic Acid-Decorated Hollow ZIF-8/Au/CuS Nanocomposites for Enhanced and Selective Anticancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 6095-6107	5.5	8
385	Microfluidic-Integrated Multicolor Immunosensor for Visual Detection of HIV-1 p24 Antigen with the Naked Eye. <i>Analytical Chemistry</i> , 2020 , 92, 11826-11833	7.8	17
384	Investigating the Mechanisms of AquaporinZ Reconstitution through Polymeric Vesicle Composition for a Biomimetic Membrane. <i>Polymers</i> , 2020 , 12,	4.5	1
383	The Effectiveness of Nafion-Coated Stainless Steel Surfaces for Inhibiting Bacillus Subtilis Biofilm Formation. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5001	2.6	3
382	Structural Isomerism of Two Ce-BTC for Fabricating Pt/CeO Nanorods toward Low-Temperature CO Oxidation. <i>Small</i> , 2020 , 16, e2003597	11	21
381	Synthesis of ZIF-8 Nanocrystals Mediated by CO Gas Bubbling: Dissolution and Recrystallization. <i>Langmuir</i> , 2020 , 36, 14306-14317	4	2
380	3D-Printed metal-organic frameworks within biocompatible polymers as excellent adsorbents for organic dyes removal. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121418	12.8	55
379	Gas-Mediated Cancer Bioimaging and Therapy. <i>ACS Nano</i> , 2019 , 13, 10887-10917	16.7	108
378	Using pH-Activable Carbon Nanoparticles as Cell Imaging Probes. <i>Micromachines</i> , 2019 , 10,	3.3	2
377	Graphitic Carbon Nitride Nanosheets as Co-reactants for Tris(2,2'-bipyridine)ruthenium(II) Electrochemiluminescence. <i>ChemElectroChem</i> , 2019 , 6, 1673-1677	4.3	6
376	Tris(2,2'-bipyridyl)ruthenium(II)-Nanomaterial Co-Reactant Electrochemiluminescence. <i>ChemElectroChem</i> , 2019 , 6, 3878-3884	4.3	10
375	Catalase-linked immunosorbent pressure assay for portable quantitative analysis. <i>Analyst, The</i> , 2019 , 144, 4188-4193	5	2
374	Dual-Responsive Alginate Hydrogels for Controlled Release of Therapeutics. <i>Molecules</i> , 2019 , 24,	4.8	10

373	Self-Assembly of Functional Nucleic Acid-Based Colorimetric Competition Assay for the Detection of Immunoglobulin E. <i>Sensors</i> , 2019 , 19,	3.8	2
372	Luminescent carbon nanodots based aptasensors for rapid detection of kanamycin residue. <i>Talanta</i> , 2019 , 202, 452-459	6.2	16
371	Carbon nanoparticles with oligonucleotide probes for a label-free sensitive antibiotic residues detection based on competitive analysis. <i>Scientific Reports</i> , 2019 , 9, 3489	4.9	7
370	Fabrication of Ultrathin 2D Cu-BDC Nanosheets and the Derived Integrated MOF Nanocomposites. <i>Advanced Functional Materials</i> , 2019 , 29, 1806720	15.6	70
369	Rational Engineering of Multilayered Co ₃ O ₄ /ZnO Nanocatalysts through Chemical Transformations from Matryoshka-Type ZIFs. <i>Advanced Functional Materials</i> , 2019 , 29, 1903774	15.6	21
368	Electrochemiluminescence for Characterizing the Polymerization Process during Graphitic Carbon Nitride Synthesis. <i>ChemElectroChem</i> , 2019 , 6, 3742-3746	4.3	5
367	A quantitative proteomic response of hepatocellular carcinoma Hep3B cells to danusertib, a pan-Aurora kinase inhibitor. <i>Journal of Cancer</i> , 2018 , 9, 2061-2071	4.5	4
366	Role of Apoptosis in Cancer Resistance to Chemotherapy 2018 ,		11
365	Fabrication of Integrated CuO@HKUST-1@Au Nanocatalysts via Galvanic Replacements toward Alcohols Oxidation Application. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35234-35243	9.5	30
364	Determination of the Lewis acidity of amide-AlCl ₃ based ionic liquid analogues by combined IR titration and NMR methods.. <i>RSC Advances</i> , 2018 , 8, 13248-13252	3.7	9
363	Challenges and opportunities for siRNA-based cancer treatment. <i>Cancer Letters</i> , 2017 , 387, 77-83	9.9	58
362	Biochemical mechanism underlying hypertriglyceridemia and hepatic steatosis/hepatomegaly induced by acute schisandrin B treatment in mice. <i>Lipids in Health and Disease</i> , 2017 , 16, 8	4.4	4
361	Effect of Laparoscopic Peritoneal Lavage and Drainage and Continuous Venovenous Diahemofiltration on Severe Acute Pancreatitis. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2017 , 27, 1145-1150	2.1	6
360	Collecting duct (pro)renin receptor targets ENaC to mediate angiotensin II-induced hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F245-F253	4.3	46
359	The therapeutic potential of targeting ABC transporters to combat multi-drug resistance. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 511-530	6.4	80
358	Cerebral Reorganization in Subacute Stroke Survivors after Virtual Reality-Based Training: A Preliminary Study. <i>Behavioural Neurology</i> , 2017 , 2017, 6261479	3	19
357	The research on lapatinib in autophagy, cell cycle arrest and epithelial to mesenchymal transition via Wnt/ErK/PI3K-AKT signaling pathway in human cutaneous squamous cell carcinoma. <i>Journal of Cancer</i> , 2017 , 8, 220-226	4.5	23
356	The combination of digoxin and GSK2606414 exerts synergistic anticancer activity against leukemia in vitro and in vivo. <i>BioFactors</i> , 2017 , 43, 812-820	6.1	9

355	Aptamer-mediated survivin RNAi enables 5-fluorouracil to eliminate colorectal cancer stem cells. <i>Scientific Reports</i> , 2017 , 7, 5898	4.9	33
354	Clinical and genomic responses to ultra-short course chemotherapy in spinal tuberculosis. <i>Experimental and Therapeutic Medicine</i> , 2017 , 13, 1681-1688	2.1	1
353	Transforming doxorubicin into a cancer stem cell killer via EpCAM aptamer-mediated delivery. <i>Theranostics</i> , 2017 , 7, 4071-4086	12.1	43
352	Alisertib promotes apoptosis and autophagy in melanoma through p38 MAPK-mediated aurora a signaling. <i>Oncotarget</i> , 2017 , 8, 107076-107088	3.3	15
351	Alisertib induces G/M arrest, apoptosis, and autophagy via PI3K/Akt/mTOR- and p38 MAPK-mediated pathways in human glioblastoma cells. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 845-873	3	24
350	A proteomics-based investigation on the anticancer activity of alisertib, an Aurora kinase A inhibitor, in hepatocellular carcinoma Hep3B cells. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 3558-3572	3	2
349	Bardoxolone methyl (CDDO-Me or RTA402) induces cell cycle arrest, apoptosis and autophagy via PI3K/Akt/mTOR and p38 MAPK/Erk1/2 signaling pathways in K562 cells. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 4652-4672	3	26
348	Inhibition of Aurora A Kinase by Alisertib Induces Autophagy and Cell Cycle Arrest and Increases Chemosensitivity in Human Hepatocellular Carcinoma HepG2 Cells. <i>Current Cancer Drug Targets</i> , 2017 , 17, 386-401	2.8	16
347	Electrochemical hydrogen sulfide biosensors. <i>Analyst, The</i> , 2016 , 141, 1185-95	5	102
346	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
345	Soluble (pro)renin receptor via Eatenin enhances urine concentration capability as a target of liver X receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1898-906	11.5	67
344	Antidiuretic Action of Collecting Duct (Pro)Renin Receptor Downstream of Vasopressin and PGE2 Receptor EP4. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3022-3034	12.7	53
343	Sorafenib combined with transarterial chemoembolization in patients with hepatocellular carcinoma: a meta-analysis and systematic review. <i>Hepatology International</i> , 2016 , 10, 501-10	8.8	29
342	Perspectives in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 381-2	3	28
341	miR-3646 promotes cell proliferation, migration, and invasion via regulating G2/M transition in human breast cancer cells. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 1659-77	3	11
340	A Comparison of Non-Human Primate Cytochrome P450 2D Members and the Implication in Drug Discovery. <i>Current Drug Metabolism</i> , 2016 , 17, 520-7	3.5	2
339	Computational Identification of the Paralogs and Orthologs of Human Cytochrome P450 Superfamily and the Implication in Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	17
338	A SILAC-Based Approach Elicits the Proteomic Responses to Vancomycin-Associated Nephrotoxicity in Human Proximal Tubule Epithelial HK-2 Cells. <i>Molecules</i> , 2016 , 21, 148	4.8	6

337	Molecular mechanisms for tumour resistance to chemotherapy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 723-37	3	219
336	Effect of Somatostatin, Ulinastatin and Gabexate on the Treatment of Severe Acute Pancreatitis. <i>American Journal of the Medical Sciences</i> , 2016 , 351, 506-12	2.2	25
335	Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA). <i>Journal of Epidemiology and Community Health</i> , 2016 , 70, 741-5	5.1	104
334	A novel sensitive and selective electrochemical sensor based on molecularly imprinted polymer on a nanoporous gold leaf modified electrode for warfarin sodium determination. <i>RSC Advances</i> , 2016 , 6, 43724-43731	3.7	29
333	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	9.9	23
332	An update on the pharmacokinetics and pharmacodynamics of alisertib, a selective Aurora kinase A inhibitor. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 585-601	3	29
331	Multifaceted ability of naturally occurring polyphenols against metastatic cancer. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 394-409	3	18
330	Dacomitinib, a new pan-EGFR inhibitor, is effective in killing ovarian cancer cells. <i>Discovery Medicine</i> , 2016 , 22, 297-309	2.5	5
329	Targeting Na ⁺ /K ⁺ -translocating adenosine triphosphatase in cancer treatment. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 427-43	3	36
328	New perspectives on dietary-derived treatments and food safety-antinomy in a new era. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 1836-59	11.5	3
327	Clinical association between pharmacogenomics and adverse drug reactions. <i>Drugs</i> , 2015 , 75, 589-631	12.1	36
326	Estimation of the binding modes with important human cytochrome P450 enzymes, drug interaction potential, pharmacokinetics, and hepatotoxicity of ginger components using molecular docking, computational, and pharmacokinetic modeling studies. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 127-46	4.4	19
325	Multifunctional Poly(L-lactide)-Polyethylene Glycol-Grafted Graphene Quantum Dots for Intracellular MicroRNA Imaging and Combined Specific-Gene-Targeting Agents Delivery for Improved Therapeutics. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 11015-23	9.5	92
324	Highly sensitive and selective microRNA detection based on DNA-bio-bar-code and enzyme-assisted strand cycle exponential signal amplification. <i>Analytical Chemistry</i> , 2015 , 87, 4334-40	7.8	71
323	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	3	48
322	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	4.4	136
321	Overview of clinically approved oral antidiabetic agents for the treatment of type 2 diabetes mellitus. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 125-38	3	36
320	Schisandra chinensis regulates drug metabolizing enzymes and drug transporters via activation of Nrf2-mediated signaling pathway. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 127-46	4.4	15

319	Renal medullary (pro)renin receptor contributes to angiotensin II-induced hypertension in rats via activation of the local renin-angiotensin system. <i>BMC Medicine</i> , 2015 , 13, 278	11.4	52
318	Ectopic expression of Hoxb4a in hemangioblasts promotes hematopoietic development in early embryogenesis of zebrafish. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 1275-86	3	2
317	A population-based study elicits a reverse correlation between age and overall survival in elderly patients with rectal carcinoma receiving adjuvant chemotherapy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 752-65	3	6
316	Cost-effectiveness analysis of lamivudine, telbivudine, and entecavir in treatment of chronic hepatitis B with adefovir dipivoxil resistance. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2839-46	4.4	4
315	Hsa-microRNA-181a is a regulator of a number of cancer genes and a biomarker for endometrial carcinoma in patients: a bioinformatic and clinical study and the therapeutic implication. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1103-75	4.4	29
314	Proteomic response to 5,6-dimethylxanthenone 4-acetic acid (DMXAA, vadimezan) in human non-small cell lung cancer A549 cells determined by the stable-isotope labeling by amino acids in cell culture (SILAC) approach. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 937-68	4.4	15
313	Novel targeting of PEGylated liposomes for codelivery of TGF- β siRNA and four antitubercular drugs to human macrophages for the treatment of mycobacterial infection: a quantitative proteomic study. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4441-70	4.4	13
312	Small-molecule BH3 mimetic and pan-Bcl-2 inhibitor AT-101 enhances the antitumor efficacy of cisplatin through inhibition of APE1 repair and redox activity in non-small-cell lung cancer. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2887-910	4.4	18
311	High-throughput sequencing of 16S rDNA amplicons characterizes bacterial composition in cerebrospinal fluid samples from patients with purulent meningitis. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4417-29	4.4	6
310	Repurposing paclitaxel for the treatment of fibrosis: indication discovery for existing drugs. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4869-71	4.4	
309	Plumbagin elicits differential proteomic responses mainly involving cell cycle, apoptosis, autophagy, and epithelial-to-mesenchymal transition pathways in human prostate cancer PC-3 and DU145 cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 349-417	4.4	21
308	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, 993-1026	4.4	17
307	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, 425-64	4.4	36
306	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, 1027-62	4.4	23
305	A study on the hemocompatibility of dendronized chitosan derivatives in red blood cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2635-45	4.4	22
304	Plumbagin induces cell cycle arrest and autophagy and suppresses epithelial to mesenchymal transition involving PI3K/Akt/mTOR-mediated pathway in human pancreatic cancer cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 537-60	4.4	30
303	Schisandrin B inhibits cell growth and induces cellular apoptosis and autophagy in mouse hepatocytes and macrophages: implications for its hepatotoxicity. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2001-27	4.4	15
302	Lost expression of ADAMTS5 protein associates with progression and poor prognosis of hepatocellular carcinoma. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1773-83	4.4	16

301	Danuserib Induces Apoptosis, Cell Cycle Arrest, and Autophagy but Inhibits Epithelial to Mesenchymal Transition Involving PI3K/Akt/mTOR Signaling Pathway in Human Ovarian Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27228-51	6.3	34
300	A bioinformatic and mechanistic study elicits the antifibrotic effect of ursolic acid through the attenuation of oxidative stress with the involvement of ERK, PI3K/Akt, and p38 MAPK signaling pathways in human hepatic stellate cells and rat liver. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1063-102	4.4	27
299	Therapeutic effects of C-28 methyl ester of 2-cyano-3,12-dioxoolean-1,9-dien-28-oic acid (CDDO-Me; bardoxolone methyl) on radiation-induced lung inflammation and fibrosis in mice. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 3163-78	4.4	14
298	Induction of apoptosis and autophagy via sirtuin1- and PI3K/Akt/mTOR-mediated pathways by plumbagin in human prostate cancer cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1511-54	4.4	74
297	EpCAM Aptamer-mediated Survivin Silencing Sensitized Cancer Stem Cells to Doxorubicin in a Breast Cancer Model. <i>Theranostics</i> , 2015 , 5, 1456-72	12.1	72
296	A computational and functional study elicits the ameliorating effect of the Chinese herbal formula Huo Luo Xiao Ling Dan on experimental ischemia-induced myocardial injury in rats via inhibition of apoptosis. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1063-102	4.4	6
295	Cissus quadrangularis inhibits IL-1 β -induced inflammatory responses on chondrocytes and alleviates bone deterioration in osteotomized rats via p38 MAPK signaling. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2927-40	4.4	13
294	Plumbagin suppresses epithelial to mesenchymal transition and stemness via inhibiting Nrf2-mediated signaling pathway in human tongue squamous cell carcinoma cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 5511-51	4.4	16
293	Controllable drug uptake and nongenomic response through estrogen-anchored cyclodextrin drug complex. <i>International Journal of Nanomedicine</i> , 2015 , 10, 4717-30	7.3	2
292	High-throughput sequencing of 16S rDNA amplicons characterizes bacterial composition in bronchoalveolar lavage fluid in patients with ventilator-associated pneumonia. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4883-96	4.4	3
291	Pro-apoptotic and pro-autophagic effects of the Aurora kinase A inhibitor alisertib (MLN8237) on human osteosarcoma U-2 OS and MG-63 cells through the activation of mitochondria-mediated pathway and inhibition of p38 MAPK/PI3K/Akt/mTOR signaling pathway. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1555-84	4.4	37
290	Alisertib induces cell cycle arrest and autophagy and suppresses epithelial-to-mesenchymal transition involving PI3K/Akt/mTOR and sirtuin 1-mediated signaling pathways in human pancreatic cancer cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 575-601	4.4	38
289	Aptamer-mediated cancer gene therapy. <i>Current Gene Therapy</i> , 2015 , 15, 109-19	4.3	14
288	Superior Performance of Aptamer in Tumor Penetration over Antibody: Implication of Aptamer-Based Theranostics in Solid Tumors. <i>Theranostics</i> , 2015 , 5, 1083-97	12.1	107
287	Danuserib, a potent pan-Aurora kinase and ABL kinase inhibitor, induces cell cycle arrest and programmed cell death and inhibits epithelial to mesenchymal transition involving the PI3K/Akt/mTOR-mediated signaling pathway in human gastric cancer AGS and NCI-N78 cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1293-318	4.4	19
286	Upregulation of PD-L1 and APE1 is associated with tumorigenesis and poor prognosis of gastric cancer. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 901-9	4.4	116
285	The investigational Aurora kinase A inhibitor alisertib (MLN8237) induces cell cycle G2/M arrest, apoptosis, and autophagy via p38 MAPK and Akt/mTOR signaling pathways in human breast cancer cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1627-52	4.4	56
284	Plumbagin induces G2/M arrest, apoptosis, and autophagy via p38 MAPK- and PI3K/Akt/mTOR-mediated pathways in human tongue squamous cell carcinoma cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1601-26	4.4	60

283	Inhibition of mitotic Aurora kinase A by alisertib induces apoptosis and autophagy of human gastric cancer AGS and NCI-N78 cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 487-508	4.4	25
282	Design and prediction of new anticoagulants as a selective Factor IXa inhibitor via three-dimensional quantitative structure-property relationships of amidinobenzothiophene derivatives. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 1743-59	4.4	
281	MicroRNA Profiling Response to Acupuncture Therapy in Spontaneously Hypertensive Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 204367	2.3	14
280	Acupuncture and oxidative stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 424762	2.3	1
279	Acupuncture may exert its therapeutic effect through microRNA-339/Sirt2/NFB/FOXO1 axis. <i>BioMed Research International</i> , 2015 , 2015, 249013	3	16
278	Effects of combined dietary supplementation with fenofibrate and Schisandrae Fructus pulp on lipid and glucose levels and liver function in normal and hypercholesterolemic mice. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 923-35	4.4	8
277	Multifunctional iron bound lactoferrin and nanomedicinal approaches to enhance its bioactive functions. <i>Molecules</i> , 2015 , 20, 9703-31	4.8	73
276	An update on the clinical pharmacology of the dipeptidyl peptidase 4 inhibitor alogliptin used for the treatment of type 2 diabetes mellitus. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 1225-38	3	16
275	Impact of physiological, pathological and environmental factors on the expression and activity of human cytochrome P450 2D6 and implications in precision medicine. <i>Drug Metabolism Reviews</i> , 2015 , 47, 470-519	7	46
274	Systematic drug safety evaluation based on public genomic expression (Connectivity Map) data: myocardial and infectious adverse reactions as application cases. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 457, 249-55	3.4	16
273	An evidence-based update on the pharmacological activities and possible molecular targets of Lycium barbarum polysaccharides. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 33-78	4.4	83
272	Coffee and caffeine potentiate the anti-amyloidogenic activity of melatonin via inhibition of A β oligomerization and modulation of the Tau-mediated pathway in N2a/APP cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 241-72	4.4	14
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