

Artem Cherkasov

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

8,455
citations

66234

42
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48187

88
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122
all docs

122
docs citations

122
times ranked

10613
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | QSAR Modeling: Where Have You Been? Where Are You Going To?. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4977-5010. | 2.9 | 1,401 |
| 2 | The value of antimicrobial peptides in the age of resistance. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e216-e230. | 4.6 | 573 |
| 3 | QSAR without borders. <i>Chemical Society Reviews</i> , 2020, 49, 3525-3564. | 18.7 | 427 |
| 4 | Rapid Identification of Potential Inhibitors of SARS-CoV-2 Main Protease by Deep Docking of 1.3â€¦Billion Compounds. <i>Molecular Informatics</i> , 2020, 39, e2000028. | 1.4 | 398 |
| 5 | Use of Artificial Intelligence in the Design of Small Peptide Antibiotics Effective against a Broad Spectrum of Highly Antibiotic-Resistant Superbugs. <i>ACS Chemical Biology</i> , 2009, 4, 65-74. | 1.6 | 303 |
| 6 | Combinatorial QSAR Modeling of Chemical Toxicants Tested against <i>Tetrahymena pyriformis</i> . <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 766-784. | 2.5 | 258 |
| 7 | Identification of Novel Antibacterial Peptides by Chemoinformatics and Machine Learning. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2006-2015. | 2.9 | 250 |
| 8 | SimBoost: a read-across approach for predicting drugâ€“target binding affinities using gradient boosting machines. <i>Journal of Cheminformatics</i> , 2017, 9, 24. | 2.8 | 227 |
| 9 | Applicability Domains for Classification Problems: Benchmarking of Distance to Models for Ames Mutagenicity Set. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 2094-2111. | 2.5 | 202 |
| 10 | Deep Docking: A Deep Learning Platform for Augmentation of Structure Based Drug Discovery. <i>ACS Central Science</i> , 2020, 6, 939-949. | 5.3 | 195 |
| 11 | Functional analysis of androgen receptor mutations that confer anti-androgen resistance identified in circulating cell-free DNA from prostate cancer patients. <i>Genome Biology</i> , 2016, 17, 10. | 3.8 | 165 |
| 12 | Crystallographic structure of wild-type SARS-CoV-2 main protease acyl-enzyme intermediate with physiological C-terminal autoprocessing site. <i>Nature Communications</i> , 2020, 11, 5877. | 5.8 | 141 |
| 13 | Targeting the Binding Function 3 (BF3) Site of the Human Androgen Receptor through Virtual Screening.. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8563-8573. | 2.9 | 136 |
| 14 | A critical overview of computational approaches employed for COVID-19 drug discovery. <i>Chemical Society Reviews</i> , 2021, 50, 9121-9151. | 18.7 | 128 |
| 15 | Evidence That Plant-Like Genes in <i>Chlamydia</i> Species Reflect an Ancestral Relationship between <i>Chlamydiaceae</i> , <i>Cyanobacteria</i> , and the Chloroplast. <i>Genome Research</i> , 2002, 12, 1159-1167. | 2.4 | 114 |
| 16 | Therapeutic Inhibition of Myc in Cancer. <i>Structural Bases and Computer-Aided Drug Discovery Approaches. International Journal of Molecular Sciences</i> , 2019, 20, 120. | 1.8 | 109 |
| 17 | Selectively Targeting the DNA-binding Domain of the Androgen Receptor as a Prospective Therapy for Prostate Cancer. <i>Journal of Biological Chemistry</i> , 2014, 289, 26417-26429. | 1.6 | 107 |
| 18 | Artificial intelligenceâ€“enabled virtual screening of ultra-large chemical libraries with deep docking. <i>Nature Protocols</i> , 2022, 17, 672-697. | 5.5 | 107 |

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|----|--|-----|-----------|
| 19 | Role of Androgen Receptor Variants in Prostate Cancer: Report from the 2017 Mission Androgen Receptor Variants Meeting. <i>European Urology</i> , 2018, 73, 715-723. | 0.9 | 105 |
| 20 | Discovery of Small-Molecule Inhibitors Selectively Targeting the DNA-Binding Domain of the Human Androgen Receptor. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6458-6467. | 2.9 | 102 |
| 21 | Toxic Colors: The Use of Deep Learning for Predicting Toxicity of Compounds Merely from Their Graphic Images. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1533-1543. | 2.5 | 101 |
| 22 | Best Practices of Computer-Aided Drug Discovery: Lessons Learned from the Development of a Preclinical Candidate for Prostate Cancer with a New Mechanism of Action. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1018-1028. | 2.5 | 92 |
| 23 | Inhibitors of Androgen Receptor Activation Function-2 (AF2) Site Identified through Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6197-6205. | 2.9 | 85 |
| 24 | The mycobacterial antibiotic resistance determinant WhiB7 acts as a transcriptional activator by binding the primary sigma factor SigA (RpoV). <i>Nucleic Acids Research</i> , 2013, 41, 10062-10076. | 6.5 | 83 |
| 25 | Targeting the Binding Function 3 (BF3) Site of the Androgen Receptor Through Virtual Screening. 2. Development of 2-((2-phenoxyethyl) thio)-1 <i>H</i> -benzimidazole Derivatives. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1136-1148. | 2.9 | 81 |
| 26 | Moving Towards Precision Urologic Oncology: Targeting Enzalutamide-resistant Prostate Cancer and Mutated Forms of the Androgen Receptor Using the Novel Inhibitor Darolutamide (ODM-201). <i>European Urology</i> , 2018, 73, 4-8. | 0.9 | 75 |
| 27 | The transformational role of GPU computing and deep learning in drug discovery. <i>Nature Machine Intelligence</i> , 2022, 4, 211-221. | 8.3 | 73 |
| 28 | Optimization of Antibacterial Peptides by Genetic Algorithms and Cheminformatics. <i>Chemical Biology and Drug Design</i> , 2011, 77, 48-56. | 1.5 | 72 |
| 29 | Structural analyses of sex hormone-binding globulin reveal novel ligands and function. <i>Molecular and Cellular Endocrinology</i> , 2010, 316, 13-23. | 1.6 | 70 |
| 30 | Molecular Analysis of the Multiple GroEL Proteins of Chlamydiae. <i>Journal of Bacteriology</i> , 2003, 185, 1958-1966. | 1.0 | 63 |
| 31 | ETS transcription factors as emerging drug targets in cancer. <i>Medicinal Research Reviews</i> , 2020, 40, 413-430. | 5.0 | 63 |
| 32 | Evaluating Different Descriptors for Model Design of Antimicrobial Peptides with Enhanced Activity Toward <i>P. aeruginosa</i> . <i>Chemical Biology and Drug Design</i> , 2007, 70, 134-142. | 1.5 | 60 |
| 33 | Identification of a Potent Antiandrogen that Targets the BF3 Site of the Androgen Receptor and Inhibits Enzalutamide-Resistant Prostate Cancer. <i>Chemistry and Biology</i> , 2014, 21, 1476-1485. | 6.2 | 59 |
| 34 | Scaffold Tailoring by a Newly Detected Pictetâ€“Spenglerase Activity of Strictosidine Synthase: From the Common Tryptoline Skeleton to the Rare Piperazino-indole Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 1498-1500. | 6.6 | 57 |
| 35 | The use of Gene Ontology terms for predicting highly-connected 'hub' nodes in protein-protein interaction networks. <i>BMC Systems Biology</i> , 2008, 2, 80. | 3.0 | 55 |
| 36 | Mapping the Protein Interaction Network in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Proteome Research</i> , 2011, 10, 1139-1150. | 1.8 | 55 |

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| 37 | Identification of novel host defense peptides and the absence of β -defensins in the bovine genome. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 420-430. | 1.5 | 53 |
| 38 | Discovery of 1 <i>H</i> -Indole-2-carboxamides as Novel Inhibitors of the Androgen Receptor Binding Function 3 (BF3). <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6867-6872. | 2.9 | 53 |
| 39 | Targeting Alternative Sites on the Androgen Receptor to Treat Castration-Resistant Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12496-12519. | 1.8 | 51 |
| 40 | Comparative QSAR- and Fragments Distribution Analysis of Drugs, Druglikes, Metabolic Substances, and Antimicrobial Compounds. <i>Journal of Chemical Information and Modeling</i> , 2006, 46, 2167-2182. | 2.5 | 50 |
| 41 | Application of β -Inductive TM QSAR Descriptors for Quantification of Antibacterial Activity of Cationic Polypeptides. <i>Molecules</i> , 2004, 9, 1034-1052. | 1.7 | 49 |
| 42 | Luteolin is a novel p90 ribosomal S6 kinase (RSK) inhibitor that suppresses Notch4 signaling by blocking the activation of Y-box binding protein-1 (YB-1). <i>Oncotarget</i> , 2013, 4, 329-345. | 0.8 | 49 |
| 43 | Selectively targeting the dimerization interface of human androgen receptor with small-molecules to treat castration-resistant prostate cancer. <i>Cancer Letters</i> , 2018, 437, 35-43. | 3.2 | 44 |
| 44 | Inductive QSAR Descriptors. Distinguishing Compounds with Antibacterial Activity by Artificial Neural Networks. <i>International Journal of Molecular Sciences</i> , 2005, 6, 63-86. | 1.8 | 43 |
| 45 | Identification of Pyruvate Kinase in Methicillin-Resistant <i>Staphylococcus aureus</i> as a Novel Antimicrobial Drug Target. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2042-2053. | 1.4 | 42 |
| 46 | Progressive Docking: A Hybrid QSAR/Docking Approach for Accelerating In Silico High Throughput Screening. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7466-7478. | 2.9 | 41 |
| 47 | Successful in Silico Discovery of Novel Nonsteroidal Ligands for Human Sex Hormone Binding Globulin. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3203-3213. | 2.9 | 40 |
| 48 | Androgen receptor plasticity and its implications for prostate cancer therapy. <i>Cancer Treatment Reviews</i> , 2019, 81, 101871. | 3.4 | 40 |
| 49 | Molecular cloning, biochemical and structural analysis of elongation factor-1 β from <i>Leishmania donovani</i> : comparison with the mammalian homologue. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 646-652. | 1.0 | 39 |
| 50 | An Updated Steroid Benchmark Set and Its Application in the Discovery of Novel Nanomolar Ligands of Sex Hormone-Binding Globulin. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2047-2056. | 2.9 | 39 |
| 51 | A New Method for Estimation of Homolytic C-H Bond Dissociation Enthalpies. <i>Journal of Chemical Information and Computer Sciences</i> , 2000, 40, 1222-1226. | 2.8 | 38 |
| 52 | Computer-aided drug discovery of Myc-Max inhibitors as potential therapeutics for prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 108-119. | 2.6 | 38 |
| 53 | Discovery and characterization of small molecules targeting the DNA-binding ETS domain of ERG in prostate cancer. <i>Oncotarget</i> , 2017, 8, 42438-42454. | 0.8 | 37 |
| 54 | Ivermectin inhibits HSP27 and potentiates efficacy of oncogene targeting in tumor models. <i>Journal of Clinical Investigation</i> , 2019, 130, 699-714. | 3.9 | 36 |

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| 55 | Automated discovery of noncovalent inhibitors of SARS-CoV-2 main protease by consensus Deep Docking of 40 billion small molecules. <i>Chemical Science</i> , 2021, 12, 15960-15974. | 3.7 | 36 |
| 56 | Carbon-Oxygen Bond Dissociation Enthalpies in Peroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2000, 104, 915-921. | 1.1 | 33 |
| 57 | Towards Better BBB Passage Prediction Using an Extensive and Curated Data Set. <i>Molecular Informatics</i> , 2015, 34, 308-330. | 1.4 | 33 |
| 58 | Computer-Aided Ligand Discovery for Estrogen Receptor Alpha. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4193. | 1.8 | 33 |
| 59 | Identification of Novel Androgen Receptor Antagonists Using Structure- and Ligand-Based Methods. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 123-130. | 2.5 | 32 |
| 60 | A phosphorylation site in the Toll-like receptor 5 TIR domain is required for inflammatory signalling in response to flagellin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 936-941. | 1.0 | 31 |
| 61 | Indel-based targeting of essential proteins in human pathogens that have close host orthologue(s): Discovery of selective inhibitors for <i>Leishmania donovani</i> elongation factor-1 β . <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 67, 53-64. | 1.5 | 29 |
| 62 | Computer-Aided Discovery of Small Molecules Targeting the RNA Splicing Activity of hnRNP A1 in Castration-Resistant Prostate Cancer. <i>Molecules</i> , 2019, 24, 763. | 1.7 | 29 |
| 63 | Substituent Effects on Thermochemical Properties of Free Radicals. New Substituent Scales for C-Centered Radicals. <i>Journal of Chemical Information and Computer Sciences</i> , 1998, 38, 1151-1156. | 2.8 | 28 |
| 64 | Orphan nuclear receptors as drug targets for the treatment of prostate and breast cancers. <i>Cancer Treatment Reviews</i> , 2014, 40, 1137-1152. | 3.4 | 26 |
| 65 | A Non-Synonymous Coding Variant (L616F) in the TLR5 Gene Is Potentially Associated with Crohn's Disease and Influences Responses to Bacterial Flagellin. <i>PLoS ONE</i> , 2013, 8, e61326. | 1.1 | 26 |
| 66 | In silico identification of anthropogenic chemicals as ligands of zebrafish sex hormone binding globulin. <i>Toxicology and Applied Pharmacology</i> , 2009, 234, 47-57. | 1.3 | 25 |
| 67 | The Effect of Insertions and Deletions on Wirings in Protein-Protein Interaction Networks: A Large-Scale Study. <i>Journal of Computational Biology</i> , 2009, 16, 159-167. | 0.8 | 25 |
| 68 | Optimization and structure-activity relationships of a series of potent inhibitors of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) pyruvate kinase as novel antimicrobial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7069-7082. | 1.4 | 25 |
| 69 | Inductive Electronegativity Scale. Iterative Calculation of Inductive Partial Charges. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 2039-2047. | 2.8 | 24 |
| 70 | Targeting Binding Function-3 of the Androgen Receptor Blocks Its Co-Chaperone Interactions, Nuclear Translocation, and Activation. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2936-2945. | 1.9 | 24 |
| 71 | Cheminformatics-Driven Discovery of Selective, Nanomolar Inhibitors for Staphylococcal Pyruvate Kinase. <i>ACS Chemical Biology</i> , 2012, 7, 350-359. | 1.6 | 23 |
| 72 | Characterization of a New Class of Androgen Receptor Antagonists with Potential Therapeutic Application in Advanced Prostate Cancer. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2425-2435. | 1.9 | 22 |

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|----|--|-----|-----------|
| 73 | Bypassing Drug Resistance Mechanisms of Prostate Cancer with Small Molecules that Target Androgen Receptor–Chromatin Interactions. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2281-2291. | 1.9 | 22 |
| 74 | Strictosidine Synthase Triggered Enantioselective Synthesis of N-Substituted (<i>S</i>)-3,14,18,19-Tetrahydroangustines as Novel Topoisomerase I Inhibitors. <i>ACS Chemical Biology</i> , 2017, 12, 3086-3092. | 1.6 | 22 |
| 75 | DeepCOP: deep learning-based approach to predict gene regulating effects of small molecules. <i>Bioinformatics</i> , 2020, 36, 813-818. | 1.8 | 21 |
| 76 | Selective targeting of indel-inferred differences in spatial structures of highly homologous proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 58, 950-954. | 1.5 | 20 |
| 77 | Large-scale survey for potentially targetable indels in bacterial and protozoan proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 371-380. | 1.5 | 20 |
| 78 | Can ‘Bacterial-Metabolite-Likeness’ Model Improve Odds of ‘in Silico’ Antibiotic Discovery?. <i>Journal of Chemical Information and Modeling</i> , 2006, 46, 1214-1222. | 2.5 | 20 |
| 79 | Molecular architecture of leishmania EF-1 \pm reveals a novel site that may modulate protein translation: A possible target for drug development. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 886-892. | 1.0 | 20 |
| 80 | In silico discovery and validation of potent small-molecule inhibitors targeting the activation function 2 site of human oestrogen receptor I \pm . <i>Breast Cancer Research</i> , 2015, 17, 27. | 2.2 | 20 |
| 81 | Interleukin-10 and Small Molecule SHIP1 Allosteric Regulators Trigger Anti-inflammatory Effects through SHIP1/STAT3 Complexes. <i>IScience</i> , 2020, 23, 101433. | 1.9 | 20 |
| 82 | Drugging the ‘undruggable’™. Therapeutic targeting of protein–DNA interactions with the use of computer-aided drug discovery methods. <i>Drug Discovery Today</i> , 2021, 26, 2660-2679. | 3.2 | 20 |
| 83 | Discovery of New Catalytic Topoisomerase II Inhibitors for Anticancer Therapeutics. <i>Frontiers in Oncology</i> , 2020, 10, 633142. | 1.3 | 19 |
| 84 | Impact of Two Novel Mutations on the Structure and Function of Human Myeloperoxidase. <i>Journal of Biological Chemistry</i> , 2007, 282, 27994-28003. | 1.6 | 18 |
| 85 | Using Molecular Docking, 3D-QSAR, and Cluster Analysis for Screening Structurally Diverse Data Sets of Pharmacological Interest. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 2054-2065. | 2.5 | 18 |
| 86 | Androgen receptor transcriptionally regulates semaphorin 3C in a GATA2-dependent manner. <i>Oncotarget</i> , 2017, 8, 9617-9633. | 0.8 | 18 |
| 87 | Substituent Effects on Thermochemical Properties of C-, N-, O-, and S-Centered Radicals. <i>Physical Interpretation of Substituent Effects. Journal of Chemical Information and Computer Sciences</i> , 1999, 39, 1057-1063. | 2.8 | 17 |
| 88 | Development of Novel Inhibitors Targeting the D-Box of the DNA Binding Domain of Androgen Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2493. | 1.8 | 17 |
| 89 | Comprehensive Consensus Analysis of SARS-CoV-2 Drug Repurposing Campaigns. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3771-3788. | 2.5 | 17 |
| 90 | Cheminformatics Modeling of Adverse Drug Responses by Clinically Relevant Mutants of Human Androgen Receptor. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 2507-2516. | 2.5 | 16 |

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|-----|---|-----|-----------|
| 91 | Identification and characterization of small molecule inhibitors of the ubiquitin ligases Siah1/2 in melanoma and prostate cancer cells. <i>Cancer Letters</i> , 2019, 449, 145-162. | 3.2 | 16 |
| 92 | Development of an Androgen Receptor Inhibitor Targeting the N-Terminal Domain of Androgen Receptor for Treatment of Castration Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 3488. | 1.7 | 16 |
| 93 | Small molecule-induced degradation of the full length and V7 truncated variant forms of human androgen receptor. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 1164-1173. | 2.6 | 15 |
| 94 | The Use of Methods of Computer-Aided Drug Discovery in the Development of Topoisomerase II Inhibitors: Applications and Future Directions. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 3703-3721. | 2.5 | 15 |
| 95 | SPARC/SFN interaction, suppresses type I collagen in dermal fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 2622-2632. | 1.2 | 14 |
| 96 | Dual-Inhibitors of N-Myc and AURKA as Potential Therapy for Neuroendocrine Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8277. | 1.8 | 14 |
| 97 | â€˜Inductive' Charges on Atoms in Proteins:Âˆ Comparative Docking with the Extended Steroid Benchmark Set and Discovery of a Novel SHBG Ligand. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 1842-1853. | 2.5 | 13 |
| 98 | 20(S)-protopanaxadiol regio-selectively targets androgen receptor: anticancer effects in castration-resistant prostate tumors. <i>Oncotarget</i> , 2018, 9, 20965-20978. | 0.8 | 12 |
| 99 | Targeting Semaphorin 3C in Prostate Cancer With Small Molecules. <i>Journal of the Endocrine Society</i> , 2018, 2, 1381-1394. | 0.1 | 10 |
| 100 | Computer-Aided Discovery of Small Molecule Inhibitors of Transcriptional Activity of TLX (NR2E1) Nuclear Receptor. <i>Molecules</i> , 2018, 23, 2967. | 1.7 | 9 |
| 101 | Benzothiophenone Derivatives Targeting Mutant Forms of Estrogen Receptor-Î± in Hormone-Resistant Breast Cancers. <i>International Journal of Molecular Sciences</i> , 2018, 19, 579. | 1.8 | 9 |
| 102 | Development of 2-(5,6,7-Trifluoro-1H-Indol-3-yl)-quinoline-5-carboxamide as a Potent, Selective, and Orally Available Inhibitor of Human Androgen Receptor Targeting Its Binding Function-3 for the Treatment of Castration-Resistant Prostate Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14968-14982. | 2.9 | 9 |
| 103 | Structural characterization of genomes by large scale sequence-structure threading: application of reliability analysis in structural genomics. <i>BMC Bioinformatics</i> , 2004, 5, 101. | 1.2 | 8 |
| 104 | Cheminformatics Driven Development of Novel Therapies for Drug Resistant Prostate Cancer. <i>Molecular Informatics</i> , 2018, 37, e1800043. | 1.4 | 8 |
| 105 | Development of VPC-70619, a Small-Molecule N-Myc Inhibitor as a Potential Therapy for Neuroendocrine Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2588. | 1.8 | 7 |
| 106 | Computer-Aided Discovery of Small Molecule Inhibitors of Thymocyte Selection-Associated High Mobility Group Box Protein (TOX) as Potential Therapeutics for Cutaneous T-Cell Lymphomas. <i>Molecules</i> , 2019, 24, 3459. | 1.7 | 6 |
| 107 | The Use of Sequenceâ€Derived QSPR Descriptors for Predicting Highly Connected Proteins (Hubs) in Proteinâ€Protein Interactions. <i>QSAR and Combinatorial Science</i> , 2009, 28, 509-519. | 1.5 | 5 |
| 108 | Quantitative Structureâ€Price Relationship (QS\$R) Modeling and the Development of Economically Feasible Drug Discovery Projects. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1306-1313. | 2.5 | 5 |

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| 109 | An approach to large scale identification of non-obvious structural similarities between proteins. BMC Bioinformatics, 2004, 5, 61. | 1.2 | 4 |
| 110 | Drug-Discovery Pipeline for Novel Inhibitors of the Androgen Receptor. Methods in Molecular Biology, 2016, 1443, 31-54. | 0.4 | 4 |
| 111 | Deep Modeling of Regulating Effects of Small Molecules on Longevity-Associated Genes. Pharmaceuticals, 2021, 14, 948. | 1.7 | 2 |
| 112 | Abstract 1070: New potent inhibitors of the androgen receptor that target its BF3 surface binding site.. Cancer Research, 2013, 73, 1070-1070. | 0.4 | 1 |
| 113 | Development of novel androgen receptor inhibitors to overcome castrate-resistant prostate cancer. , 2021, , 23-46. | | 0 |
| 114 | COMPARATIVE QSAR ANALYSIS OF BACTERIAL, FUNGAL PLANT AND HUMAN METABOLITES. , 2006, , . | | 0 |
| 115 | Progressive Docking - Deep Learning Based Approach for Accelerated Virtual Screening. Lecture Notes in Computer Science, 2019, , 737-740. | 1.0 | 0 |