

Kinase drug discovery 20 years after imatinib: progress

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Citation Report

#	ARTICLE	IF	CITATIONS
1	TRK Inhibitors: Tissue-Agnostic Anti-Cancer Drugs. <i>Pharmaceuticals</i> , 2021, 14, 632.	1.7	15
3	Innovations and Patent Trends in the Development of USFDA Approved Protein Kinase Inhibitors in the Last Two Decades. <i>Pharmaceuticals</i> , 2021, 14, 710.	1.7	27
4	Pursuing Precision: Receptor Tyrosine Kinase Inhibitors for Treatment of Pediatric Solid Tumors. <i>Cancers</i> , 2021, 13, 3531.	1.7	9
5	Editorial: Heading Against Parasitic Resistance: A Screen for Next Generation Drugs Against Targets of cAMP- or cGMP-regulated Pathways. <i>Frontiers in Microbiology</i> , 2021, 12, 727978.	1.5	1
6	Structure based design, synthesis, and evaluation of anti-CML activity of the quinolinequinones as LY83583 analogs. <i>Chemico-Biological Interactions</i> , 2021, 345, 109555.	1.7	18
7	Gene Duplication and Gene Fusion Are Important Drivers of Tumourigenesis during Cancer Evolution. <i>Genes</i> , 2021, 12, 1376.	1.0	13
8	Angiocrine Regulation of Epithelial Barrier Integrity in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2021, 8, 643607.	1.2	13
9	Assessing the Inhibitory Potential of Kinase Inhibitors In Vitro: Major Pitfalls and Suggestions for Improving Comparability of Data Using CK1 Inhibitors as an Example. <i>Molecules</i> , 2021, 26, 4898.	1.7	5
10	Direct Target Site Identification of a Sulfonylâ€“Triazole Covalent Kinase Probe by LC-MS Chemical Proteomics. <i>Analytical Chemistry</i> , 2021, 93, 11946-11955.	3.2	10
11	Chemical Probes for Understudied Kinases: Challenges and Opportunities. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1132-1170.	2.9	15
12	Targeting the Integrated Stress Response Kinase GCN2 to Modulate Retroviral Integration. <i>Molecules</i> , 2021, 26, 5423.	1.7	3
13	Targeting CD82/KAI1 for Precision Therapeutics in Surmounting Metastatic Potential in Breast Cancer. <i>Cancers</i> , 2021, 13, 4486.	1.7	3
14	Chromosomal instability and aneuploidy as causes of cancer drug resistance. <i>Trends in Cancer</i> , 2022, 8, 43-53.	3.8	27
15	Design and Development of a Chemical Probe for Pseudokinase Ca ²⁺ /calmodulin-Dependent Ser/Thr Kinase. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14358-14376.	2.9	3
16	Recent Advances in Repurposing Disulfiram and Disulfiram Derivatives as Copper-Dependent Anticancer Agents. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 741316.	1.6	59
17	Use of tyrosine kinase inhibitors during pregnancy for oncogenic-driven advanced non-small cell lung carcinoma. <i>Lung Cancer</i> , 2021, 161, 68-75.	0.9	8
18	Polyamine homeostasis-based strategies for cancer: The role of combination regimens. <i>European Journal of Pharmacology</i> , 2021, 910, 174456.	1.7	7
19	Characterizing the role of the dark kinome in neurodegenerative disease â€“ A mini review. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 130014.	1.1	3

#	ARTICLE	IF	CITATIONS
20	Small Molecule Kinase Inhibitor Drugs (1995–2021): Medical Indication, Pharmacology, and Synthesis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1047-1131.	2.9	114
21	Discovery of a Potent and Highly Isoform-Selective Inhibitor of the Neglected Ribosomal Protein S6 Kinase Beta 2 (S6K2). <i>Cancers</i> , 2021, 13, 5133.	1.7	5
22	Icotinib, Almonertinib, and Olmutinib: A 2D Similarity/Docking-Based Study to Predict the Potential Binding Modes and Interactions into EGFR. <i>Molecules</i> , 2021, 26, 6423.	1.7	3
23	Cardiometabolic consequences of targeted anticancer therapies. <i>Journal of Cardiovascular Pharmacology</i> , 2021, Publish Ahead of Print, .	0.8	3
24	Protein kinase A Mediated Effects of Protein kinase C Partial Agonist HMI-1a3 in Colorectal Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, , JPET-AR-2021-000848.	1.3	2
25	Degradation of Protein Kinases: Ternary Complex, Cooperativity, and Selectivity. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1629-1632.	1.3	4
26	Targeted Therapies in Cancer: To Be or Not to Be, Selective. <i>Biomedicines</i> , 2021, 9, 1591.	1.4	15
28	Synthesis and evaluation of hydrogen peroxide sensitive tofacitinib prodrugs. <i>European Journal of Medicinal Chemistry Reports</i> , 2022, 4, 100019.	0.6	1
30	Kinase Inhibitors™ Effects on Innate Immunity in Solid Cancers. <i>Cancers</i> , 2021, 13, 5695.	1.7	5
31	p38 Mediates Resistance to FGFR Inhibition in Non-Small Cell Lung Cancer. <i>Cells</i> , 2021, 10, 3363.	1.8	6
32	Recent Trends in Rationally Designed Molecules as Kinase Inhibitors. <i>Current Medicinal Chemistry</i> , 2023, 30, 1529-1567.	1.2	4
33	Interdisciplinary team science to understand and intercept rare cancers. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1997331.	0.3	0
34	Nek2 Kinase Signaling in Malaria, Bone, Immune and Kidney Disorders to Metastatic Cancers and Drug Resistance: Progress on Nek2 Inhibitor Development. <i>Molecules</i> , 2022, 27, 347.	1.7	6
35	The active kinome: The modern view of how active protein kinase networks fit in biological research. <i>Current Opinion in Pharmacology</i> , 2022, 62, 117-129.	1.7	10
36	Identification and analysis of a selective DYRK1A inhibitor. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112580.	2.5	8
37	Supervised learning with word embeddings derived from PubMed captures latent knowledge about protein kinases and cancer. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab113.	1.5	4
39	Roadmap on plasticity and epigenetics in cancer. <i>Physical Biology</i> , 2022, 19, 031501.	0.8	8
40	Alisertib shows negligible potential for perpetrating pharmacokinetic drug-drug interactions on ABCB1, ABCG2 and cytochromes P450, but acts as dual-activity resistance modulator through the inhibition of ABCC1 transporter. <i>Toxicology and Applied Pharmacology</i> , 2022, 434, 115823.	1.3	9

#	ARTICLE	IF	CITATIONS
41	The Downregulation of Both Giant HERCs, HERC1 and HERC2, Is an Unambiguous Feature of Chronic Myeloid Leukemia, and HERC1 Levels Are Associated with Leukemic Cell Differentiation. <i>Journal of Clinical Medicine</i> , 2022, 11, 324.	1.0	4
42	An overview of <i>in silico</i> methods used in the design of VEGFR-2 inhibitors as anticancer agents. <i>ChemistrySelect</i> , 2023, 8, 2441-2457.	0.7	0
43	Properties of FDA-approved small molecule protein kinase inhibitors: A 2022 update. <i>Pharmacological Research</i> , 2022, 175, 106037.	3.1	136
44	Apoptosis in Type 2 Diabetes: Can It Be Prevented? Hippo Pathway Prospects. <i>International Journal of Molecular Sciences</i> , 2022, 23, 636.	1.8	9
45	Kinase Function of Brassinosteroid Receptor Specified by Two Allosterically Regulated Subdomains. <i>Frontiers in Plant Science</i> , 2021, 12, 802924.	1.7	4
46	Targeting the Non-Catalytic Functions: a New Paradigm for Kinase Drug Discovery?. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1735-1748.	2.9	16
47	Invited Commentary: Novel Cellular Immunotherapy (CAR T-Cell) in the Reading Room. <i>Radiographics</i> , 2022, 42, E21-E22.	1.4	0
48	Medicines for millions of patients. <i>RSC Medicinal Chemistry</i> , 2022, 13, 7-12.	1.7	1
49	Designing of kinase hinge binders: A medicinal chemistry perspective. <i>Chemical Biology and Drug Design</i> , 2022, 100, 968-980.	1.5	11
50	Machine learning for multi-omics data integration in cancer. <i>IScience</i> , 2022, 25, 103798.	1.9	78
51	The promise of TRK inhibitors in pediatric cancers with NTRK fusions. <i>Cancer Genetics</i> , 2022, 262-263, 71-79.	0.2	9
53	Why 90% of clinical drug development fails and how to improve it?. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3049-3062.	5.7	348
54	The Study of Microbe-Host Two-Way Communication. <i>Microorganisms</i> , 2022, 10, 408.	1.6	2
55	The Hippo pathway in cancer: YAP/TAZ and TEAD as therapeutic targets in cancer. <i>Clinical Science</i> , 2022, 136, 197-222.	1.8	86
56	Glioblastoma, IDH-Wild Type With FGFR3-TACC3 Fusion: When Morphology May Reliably Predict the Molecular Profile of a Tumor. A Case Report and Literature Review. <i>Frontiers in Neurology</i> , 2022, 13, 823015.	1.1	11
57	Discovery of Cysteine-targeting Covalent Protein Kinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 58-83.	2.9	46
58	Oxidative Stress in Cancer: Therapeutic Implications of Small-Molecule Kinase Inhibitors. , 2022, , 1-17.		0
59	C5-aminosugar modification of casein kinase 1 ^γ lead 3-(4-fluorophenyl)-5-isopropyl-4-(pyridin-4-yl)isoxazole promotes enhanced inhibitor affinity and selectivity. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100497.	2.1	2

#	ARTICLE	IF	CITATIONS
60	A human kinase yeast array for the identification of kinases modulating phosphorylation-dependent protein-protein interactions. <i>Molecular Systems Biology</i> , 2022, 18, e10820.	3.2	9
61	Regulatory spine RS3 residue of protein kinases: a lipophilic bystander or a decisive element in the small-molecule kinase inhibitor binding?. <i>Biochemical Society Transactions</i> , 2022, 50, 633-648.	1.6	1
62	Synthesis of thieno[2,3-c]pyridine derived GRK2 inhibitors. <i>Monatshefte für Chemie</i> , 0, , 1.	0.9	1
63	OpenCADD-KLIFS: A Python package to fetch kinase data from the KLIFS database. <i>Journal of Open Source Software</i> , 2022, 7, 3951.	2.0	4
64	What are the current challenges for machine learning in drug discovery and repurposing?. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 423-425.	2.5	12
65	Drug-Targeted Genomes: Mutability of Ion Channels and GPCRs. <i>Biomedicines</i> , 2022, 10, 594.	1.4	6
66	Solid Tumors and Kinase Inhibition: Management and Therapy Efficacy Evolution. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3830.	1.8	2
67	Principles of Kinase Allosteric Inhibition and Pocket Validation. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 5288-5299.	2.9	19
68	Small molecule inhibitors of mammalian glycosylation. <i>Matrix Biology Plus</i> , 2022, 16, 100108.	1.9	6
70	Shining Light on Protein Kinase Biomarkers with Fluorescent Peptide Biosensors. <i>Life</i> , 2022, 12, 516.	1.1	1
72	Role of integrin $\alpha 2$ in methotrexate-induced epithelial-mesenchymal transition in alveolar epithelial A549 cells. <i>Toxicological Research</i> , 2022, 38, 449-458.	1.1	0
74	Platelet-derived growth factor signalling in neurovascular function and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106187.	1.2	4
75	Targeting BCR-Abl in the treatment of Philadelphia-chromosome positive chronic myelogenous leukemia. <i>Pharmacological Research</i> , 2022, 178, 106156.	3.1	30
76	Validation of an LC-MS/MS Method for the Quantification of the CK2 Inhibitor Silmitasertib (CX-4945) in Human Plasma. <i>Molecules</i> , 2022, 27, 2394.	1.7	2
77	Multicomponent synthesis, cytotoxicity, and computational studies of novel imidazopyridazine-based N-phenylbenzamides. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101449.	2.4	4
78	Analysis of protein phosphorylation using Phos-tag gels. <i>Journal of Proteomics</i> , 2022, 259, 104558.	1.2	33
79	Enhancing autophagy in Alzheimer's disease through drug repositioning. , 2022, 237, 108171.		35
80	Active Site Sequence Representations of Human Kinases Outperform Full Sequence Representations for Affinity Prediction and Inhibitor Generation: 3D Effects in a 1D Model. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 240-257.	2.5	14

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81	Comprehensive Profiling of Mammalian Tribbles Interactomes Implicates TRIB3 in Gene Repression. <i>Cancers</i> , 2021, 13, 6318.	1.7	7
84	Aurora A and AKT Kinase Signaling Associated with Primary Cilia. <i>Cells</i> , 2021, 10, 3602.	1.8	7
85	Deciphering the Mechanism of Gilteritinib Overcoming Lorlatinib Resistance to the Double Mutant I1171N/F1174I in Anaplastic Lymphoma Kinase. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 808864.	1.8	14
86	Introductory Chapter: Protein Kinases as Promising Targets for Drug Design against Cancer. <i>Biochemistry</i> , 0, , .	0.8	5
87	Detecting endogenous TRIB2 protein expression by flow cytometry and Western blotting. <i>Methods in Enzymology</i> , 2022, 667, 59-77.	0.4	0
89	Insulin action and resistance are dependent on a GSK3 ^{Î²} -FBXW7-ERR ^{Î±} transcriptional axis. <i>Nature Communications</i> , 2022, 13, 2105.	5.8	17
91	Cardio-onco-metabolism: metabolic remodelling in cardiovascular disease and cancer. <i>Nature Reviews Cardiology</i> , 2022, 19, 414-425.	6.1	23
92	Exploring the kinase-inhibitor fragment interaction space facilitates the discovery of kinase inhibitor overcoming resistance by mutations. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	5
93	Encoding BRAF inhibitor functions in protein degraders. <i>RSC Medicinal Chemistry</i> , 2022, 13, 731-736.	1.7	4
94	Bioluminescent Zebrafish Transplantation Model for Drug Discovery. <i>Frontiers in Pharmacology</i> , 2022, 13, 893655.	1.6	5
95	Overcoming Cancer Drug Resistance Utilizing PROTAC Technology. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 872729.	1.8	32
96	Imatinib Mesylate Reduces Neurotrophic Factors and pERK and pAKT Expression in Urinary Bladder of Female Mice With Cyclophosphamide-Induced Cystitis. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, 884260.	1.2	2
97	Recent Advances in Fluorescent Chemosensors for Protein Kinases. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	1
98	A Toolbox of Fluorescent Peptide Biosensors to Highlight Protein Kinases in Complex Samples: Focus on Cyclin-Dependent Kinases. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
99	Parkinson's Disease and SARS-CoV-2 Infection: Particularities of Molecular and Cellular Mechanisms Regarding Pathogenesis and Treatment. <i>Biomedicines</i> , 2022, 10, 1000.	1.4	5
100	KiSSim: Predicting Off-Targets from Structural Similarities in the Kinome. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2600-2616.	2.5	3
101	Neutrophils and polymorphonuclear myeloid-derived suppressor cells: an emerging battleground in cancer therapy. <i>Oncogenesis</i> , 2022, 11, 22.	2.1	16
102	Understanding the P-Loop Conformation in the Determination of Inhibitor Selectivity Toward the Hepatocellular Carcinoma-Associated Dark Kinase STK17B. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	6

#	ARTICLE	IF	CITATIONS
103	Therapeutic implication of carbon monoxide in drug resistant cancers. <i>Biochemical Pharmacology</i> , 2022, 201, 115061.	2.0	4
104	Intein-Mediated Protein Engineering for Cell-Based Biosensors. <i>Biosensors</i> , 2022, 12, 283.	2.3	1
105	Unlocking the Untapped Potential of Endothelial Kinase and Phosphatase Involvement in Sepsis for Drug Treatment Design. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	8
106	Naphthoquinone as a New Chemical Scaffold for Leishmanicidal Inhibitors of Leishmania GSK-3. <i>Biomedicines</i> , 2022, 10, 1136.	1.4	4
107	Antitumoral Activity of a CDK9 PROTAC Compound in HER2-Positive Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5476.	1.8	2
108	Strengths and pitfalls of brigatinib in non-small cell lung cancer patients' management. <i>Minerva Medica</i> , 2022, 113, 315-332.	0.3	3
109	Kinase-targeting small-molecule inhibitors and emerging bifunctional molecules. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 866-881.	4.0	13
110	Drug discovery for cancer therapy with special reference to inhibitors of protein kinase pathway. , 2022, , 71-96.		2
112	Investigating the Mechanism of Inhibition of Cyclin-Dependent Kinase 6 Inhibitory Potential by Selonsertib: Newer Insights Into Drug Repurposing. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
114	Phenotypic drug discovery: recent successes, lessons learned and new directions. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 899-914.	21.5	81
115	The Dawn of Allosteric BCR-ABL1 Drugs: From a Phenotypic Screening Hit to an Approved Drug. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7581-7594.	2.9	11
116	Expedient Access to Type II Kinase Inhibitor Chemotypes by Microwave-Assisted Suzuki Coupling. , 2022, 1, 64-72.		2
117	Trial Watch: combination of tyrosine kinase inhibitors (TKIs) and immunotherapy. <i>Oncolmmunology</i> , 2022, 11, .	2.1	9
118	Kinase inhibitors for precision therapy of triple-negative breast cancer: Progress, challenges, and new perspectives on targeting this heterogeneous disease. <i>Cancer Letters</i> , 2022, 547, 215775.	3.2	7
119	Targeting protein kinases benefits cancer immunotherapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188738.	3.3	5
120	Retro Drug Design: From Target Properties to Molecular Structures. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2659-2669.	2.5	5
121	Cross-Resistance Among Sequential Cancer Therapeutics: An Emerging Issue. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	8
122	Catalytic activity in vitro of the human protein kinase ASK1 mutants: experimental and molecular simulation study. <i>Computational Biology and Chemistry</i> , 2022, , 107712.	1.1	2

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123	Posttranslational Regulation of Inflammasomes, Its Potential as Biomarkers and in the Identification of Novel Drugs Targets. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5
124	Death-associated protein kinases and intestinal epithelial homeostasis. <i>Anatomical Record</i> , 2023, 306, 1062-1087.	0.8	4
126	Targeting drug-resistant mutations in ALK. <i>Nature Cancer</i> , 2022, 3, 659-661.	5.7	1
127	Targeting TMEM88 as an Attractive Therapeutic Strategy in Malignant Tumors. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
128	Ageing – Oxidative stress, PTMs and disease. <i>Molecular Aspects of Medicine</i> , 2022, 86, 101099.	2.7	37
129	JAK2 Alterations in Acute Lymphoblastic Leukemia: Molecular Insights for Superior Precision Medicine Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	11
130	Explainable machine learning for medicinal chemistry: exploring multi-target compounds. <i>Future Medicinal Chemistry</i> , 2022, 14, 1171-1173.	1.1	2
131	Harnessing systematic protein–ligand interaction fingerprints for drug discovery. <i>Drug Discovery Today</i> , 2022, 27, 103319.	3.2	19
132	ERK5 Signalling and Resistance to ERK1/2 Pathway Therapeutics: The Path Less Travelled?. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	9
133	Immune-related adverse events of cancer immunotherapies targeting kinases. , 2022, , 108250.		1
134	The Conformational Transition Pathways and Hidden Intermediates in DFG-Flip Process of c-Met Kinase Revealed by Metadynamics Simulations. <i>Journal of Chemical Information and Modeling</i> , 0, , .	2.5	4
135	Novel protein kinase cAMP-Activated Catalytic Subunit Alpha (PRKACA) inhibitor shows anti-tumor activity in a fibrolamellar hepatocellular carcinoma model. <i>Biochemical and Biophysical Research Communications</i> , 2022, 621, 157-161.	1.0	8
136	Paediatric Strategy Forum for medicinal product development of multi-targeted kinase inhibitors in bone sarcomas. <i>European Journal of Cancer</i> , 2022, 173, 71-90.	1.3	9
137	Perturbation of biological processes with small molecule kinase inhibitors. <i>Current Opinion in Chemical Biology</i> , 2022, 70, 102185.	2.8	1
138	Discovery and evaluation of cytosine N-isoflavones as novel EGFR/HER2 dual inhibitors. <i>Bioorganic Chemistry</i> , 2022, 127, 105868.	2.0	10
139	Polymeric nanoparticles surface-complexed with boric acid actively target solid tumors overexpressing sialic acid. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 916-929.	5.0	6
140	Recent advances in targeting protein kinases and pseudokinases in cancer biology. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
141	Insight into the mechanism of molecular recognition between human Integrin-Linked Kinase and Cpd22 and its implication at atomic level. <i>Journal of Computer-Aided Molecular Design</i> , 0, , .	1.3	3

#	ARTICLE	IF	CITATIONS
142	Mechanistic Insights into the Mechanism of Inhibitor Selectivity toward the Dark Kinase STK17B against Its High Homology STK17A. <i>Molecules</i> , 2022, 27, 4655.	1.7	3
143	Novel Dicarboximide BK124.1 Breaks Multidrug Resistance and Shows Anticancer Efficacy in Chronic Myeloid Leukemia Preclinical Models and Patientsâ€™ CD34+/CD38â€™ Leukemia Stem Cells. <i>Cancers</i> , 2022, 14, 3641.	1.7	1
144	Exploring the roles of the Cdc2-like kinases in cancers. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 70, 116914.	1.4	3
145	Precision Medicine in Therapy of Non-solid Cancer. <i>Handbook of Experimental Pharmacology</i> , 2022, , .	0.9	0
146	KOPI: Kinase inhibitOr Proteome Impact analysis. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
147	Repurposing of a human antibody-based microarray to explore conserved components of the signalome of the parasitic nematode <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2022, 15, .	1.0	1
148	Decreased DNA Damage and Improved p53 Specificity of RITA Analogs. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 1524-1534.	1.9	1
149	Multi or Single-Kinase Inhibitors to Counteract Drug Resistance in Cancer: What is New?. <i>Current Medicinal Chemistry</i> , 2023, 30, 776-782.	1.2	5
150	The cyclin G-associated kinase (GAK) inhibitor SGC-GAK-1 inhibits neurite outgrowth and synapse formation. <i>Molecular Brain</i> , 2022, 15, .	1.3	1
151	Comparative Assessment of Quantification Methods for Tumor Tissue Phosphoproteomics. <i>Analytical Chemistry</i> , 2022, 94, 10893-10906.	3.2	2
152	Novel Design Strategies to Enhance the Efficiency of Proteolysis Targeting Chimeras. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 710-723.	2.5	11
153	The Structureâ€™property Relationships of Clinically Approved Protein Kinase Inhibitors. <i>Current Medicinal Chemistry</i> , 2023, 30, 2518-2541.	1.2	1
154	Construction of Covalent Bisubstrate Inhibitor of Protein Kinase Reacting with Cysteine Residue at Substrate-Binding Site. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10975-10991.	2.9	3
155	Hotspot Identification and Drug Design of Proteinâ€™Protein Interaction Modulators Using the Fragment Molecular Orbital Method. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 3784-3799.	2.5	10
156	The synthesis of PROTAC molecule and new target KAT6A identification of CDK9 inhibitor iCDK9. <i>Chinese Chemical Letters</i> , 2023, 34, 107741.	4.8	5
157	Nanomedicines for Overcoming Cancer Drug Resistance. <i>Pharmaceutics</i> , 2022, 14, 1606.	2.0	9
158	The protein kinase CK1: Inhibition, activation, and possible allosteric modulation. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	3
159	Understanding gilteritinib resistance to FLT3-F691L mutation through an integrated computational strategy. <i>Journal of Molecular Modeling</i> , 2022, 28, .	0.8	5

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160	Systematic Analysis and Prediction of the Target Space of Bioactive Food Compounds: Filling the Chemobiological Gaps. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 3734-3751.	2.5	5
161	A lymphatic-absorbed multi-targeted kinase inhibitor for myelofibrosis therapy. <i>Nature Communications</i> , 2022, 13, .	5.8	6
162	Imatinib induces diastolic dysfunction and ventricular early-repolarization delay in the halothane-anesthetized dogs: Class effects of tyrosine kinase inhibitors. <i>Journal of Pharmacological Sciences</i> , 2022, , .	1.1	0
163	Janus kinase (JAK) inhibitors in the treatment of neoplastic and inflammatory disorders. <i>Pharmacological Research</i> , 2022, 183, 106362.	3.1	33
164	Microtubule-affinity regulating kinase 4: A potential drug target for cancer therapy. <i>Cellular Signalling</i> , 2022, 99, 110434.	1.7	10
165	Discovery of a selective c-MET inhibitor with a novel binding mode. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 75, 128948.	1.0	5
166	Switching from ultrafast electron transfer to proton transfer in excited drug-protein complexes upon biotransformation. <i>Chemical Science</i> , 2022, 13, 9644-9654.	3.7	1
167	Protein Tyrosine Phosphatase Biochemical Inhibition Assays. <i>Bio-protocol</i> , 2022, 12, .	0.2	5
168	Oxidative Stress in Cancer: Therapeutic Implications of Small-Molecule Kinase Inhibitors. , 2022, , 3809-3825.		0
169	An attention mechanism-based LSTM network for cancer kinase activity prediction. <i>SAR and QSAR in Environmental Research</i> , 2022, 33, 631-647.	1.0	0
170	The MASTL-ENSA-PP2A/B55 axis modulates cisplatin resistance in oral squamous cell carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5
172	Protein tyrosine kinase inhibitor resistance in malignant tumors: molecular mechanisms and future perspective. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	51
173	Genomic mapping of copy number variations influencing immune response in breast cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
174	HOXB13 facilitates hepatocellular carcinoma progression by activating AKT/mTOR signaling pathway. <i>Annals of Hepatology</i> , 2022, , 100759.	0.6	0
175	Target-specific compound selectivity for multi-target drug discovery and repurposing. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
176	Identification of Activating Mutations in the Transmembrane and Extracellular Domains of EGFR. <i>Biochemistry</i> , 2022, 61, 2049-2062.	1.2	1
177	Synthesis of <i>N</i> -(4-chlorophenyl) substituted pyrano[2,3- <i>c</i>]pyrazoles enabling PKB ¹ /AKT2 inhibitory and <i>in vitro</i> anti-glioma activity. <i>Annals of Medicine</i> , 2022, 54, 2548-2560.	1.5	16
178	Urea-based anticancer agents. Exploring 100-years of research with an eye to the future. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	11

#	ARTICLE	IF	CITATIONS
179	Phosphorylation, compartmentalization, and cardiac function. <i>IUBMB Life</i> , 2023, 75, 353-369.	1.5	3
181	Current therapeutic options for glioblastoma and future perspectives. <i>Expert Opinion on Pharmacotherapy</i> , 2022, 23, 1629-1640.	0.9	5
182	Integrated and High-Throughput Approach for Sensitive Analysis of Tyrosine Phosphoproteome. <i>Analytical Chemistry</i> , 2022, 94, 13728-13736.	3.2	2
183	DSTYK inhibition increases the sensitivity of lung cancer cells to T cell-mediated cytotoxicity. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	6
184	Crystal structure of the Rho-associated coiled-coil kinase 2 inhibitor belumosudil bound to CK2. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2022, 78, 348-353.	0.4	1
185	A convenient synthesis of (3S,3aR,5R,7aS,8S)-Hexahydro-4H-3,5-methanofuro[2,3-b]pyran-8-ol, a high-affinity nonpeptidyl ligand for highly potent HIV-1 protease inhibitors. <i>Tetrahedron Letters</i> , 2022, , 154161.	0.7	0
186	Prevalence of Molecular Alterations in a Swiss Cohort of 512 Colorectal Carcinoma Patients by Targeted Next-Generation Sequencing Analysis in Routine Diagnostics. <i>Pathobiology</i> , 2023, 90, 166-175.	1.9	0
187	Lost in translation: Revisiting the use of tyrosine kinase inhibitors in colorectal cancer. <i>Cancer Treatment Reviews</i> , 2022, 110, 102466.	3.4	4
188	Challenges in First-Line Osimertinib Therapy in EGFR-Mutant Non-small Cell Lung Cancer: Acquired Resistance Is the Issue. , 2022, , .		0
189	Druggable Metabolic Vulnerabilities Are Exposed and Masked during Progression to Castration Resistant Prostate Cancer. <i>Biomolecules</i> , 2022, 12, 1590.	1.8	6
191	Systematic Exploration of Privileged Warheads for Covalent Kinase Drug Discovery. <i>Pharmaceuticals</i> , 2022, 15, 1322.	1.7	3
192	DRESIS: the first comprehensive landscape of drug resistance information. <i>Nucleic Acids Research</i> , 2023, 51, D1263-D1275.	6.5	28
193	Umpolung Synthesis of Pyridyl Ethers by Bi(V)-Mediated O-Arylation of Pyridones. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	8
194	Peptide-Based Inhibitors that Target the Docking Site of ERK2. <i>Israel Journal of Chemistry</i> , 2022, 62, .	1.0	0
195	Thiadiazole Functionalized Salicylaldehyde-Schiff Base as a pH-responsive and chemo-reversible Turn-Off fluorescent probe for selective Cu(II) detection: Logic Gate Behaviour and Molecular Docking Studies. <i>Journal of Fluorescence</i> , 2023, 33, 25-41.	1.3	4
196	Large-Scale Crystallographic Fragment Screening Expedites Compound Optimization and Identifies Putative Protein-Protein Interaction Sites. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 14630-14641.	2.9	5
197	Umpolung Synthesis of Pyridyl Ethers by Bi(V)-Mediated O-Arylation of Pyridones. <i>Angewandte Chemie</i> , 2022, 134, 1791-1795.	1.6	0
198	Molecular targeted therapy for anticancer treatment. <i>Experimental and Molecular Medicine</i> , 2022, 54, 1670-1694.	3.2	57

#	ARTICLE	IF	CITATIONS
199	Small molecule inhibitors targeting the cancers. <i>MedComm</i> , 2022, 3, .	3.1	25
200	PARP10 Mediates Mono-ADP-Ribosylation of Aurora-A Regulating G2/M Transition of the Cell Cycle. <i>Cancers</i> , 2022, 14, 5210.	1.7	4
201	Small-molecule inhibition of the archetypal UbiB protein COQ8. <i>Nature Chemical Biology</i> , 2023, 19, 230-238.	3.9	4
203	4-Thiazolidinone-Bearing Hybrid Molecules in Anticancer Drug Design. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13135.	1.8	25
204	The Pursuit of Enzyme Activation: A Snapshot of the Gold Rush. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 14289-14304.	2.9	2
205	Disabling Uncompetitive Inhibition of Oncogenic IDH Mutations Drives Acquired Resistance. <i>Cancer Discovery</i> , 2023, 13, 170-193.	7.7	6
206	Role of protein phosphorylation in cell signaling, disease, and the intervention therapy. <i>MedComm</i> , 2022, 3, .	3.1	21
207	Nitriles: an attractive approach to the development of covalent inhibitors. <i>RSC Medicinal Chemistry</i> , 2023, 14, 201-217.	1.7	11
208	AV-101, a Novel Inhaled Dry Powder Formulation of Imatinib, in Healthy Adult Participants: A Phase 1 Single and Multiple Ascending Dose Study. <i>ERJ Open Research</i> , 0, , 00433-2022.	1.1	5
209	Design, Synthesis, and In Vitro Mitotic Evaluation of 3- α -Amino- ϵ -isoquinolinones as Anticancer Agents. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
210	Proteomic characterization of post-translational modifications in drug discovery. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 3112-3129.	2.8	11
211	Interaction of Masitinib with Organic Cation Transporters. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14189.	1.8	4
212	Study of the anticancer effect of new quinazolinone hydrazine derivatives as receptor tyrosine kinase inhibitors. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	2
213	Deciphering the Role and Signaling Pathways of PKC δ in Luminal A Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14023.	1.8	1
214	Targeting Gatekeeper Mutations for Kinase Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 15540-15558.	2.9	14
215	Properties of FDA-approved small molecule protein kinase inhibitors: A 2023 update. <i>Pharmacological Research</i> , 2023, 187, 106552.	3.1	99
216	Clerodane diterpene induces apoptosis/anoikis and suppresses migration and invasion of human bladder cancer cells through the histone deacetylases, integrin α 4, focal adhesion kinase, and matrix metalloproteinase 9 signalling pathways. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712211430.	1.1	1
217	A frequent PLC β 1 mutation in adult T-cell leukemia/lymphoma determines functional properties of the malignant cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, 1869, 166601.	1.8	1

#	ARTICLE	IF	CITATIONS
218	Dual activity inhibition of threonine aspartase 1 by a single bisphosphate ligand. RSC Advances, 2022, 12, 34176-34184.	1.7	1
219	Nanoluciferase-based complementation assays to monitor activation, modulation and signaling of receptor tyrosine kinases (RTKs). Methods in Enzymology, 2022, , .	0.4	0
220	Antitumor pharmacological research in the era of personalized medicine. Acta Pharmacologica Sinica, 2022, 43, 3015-3020.	2.8	4
221	N1-(3-(Trifluoromethyl)Phenyl) Isophthalamide Derivatives as Promising Inhibitors of Vascular Endothelial Growth Factor Receptor: Pharmacophore-Based Design, Docking, and MM-PBSA/MM-GBSA Binding Energy Estimation. , 0, , .		0
222	Extended Applications of Small-Molecule Covalent Inhibitors toward Novel Therapeutic Targets. Pharmaceuticals, 2022, 15, 1478.	1.7	1
223	The coming decade in precision oncology: six riddles. Nature Reviews Cancer, 2023, 23, 43-54.	12.8	52
224	Kinase Inhibitors in the Treatment of Ovarian Cancer: Current State and Future Promises. Cancers, 2022, 14, 6257.	1.7	5
225	The scientific career and life of Edmond H. Fischer—A personal tribute. IUBMB Life, 2023, 75, 284-288.	1.5	0
226	Discovery of 10 <i>H</i> -Benzo[<i>b</i>]pyrido[2,3- <i>e</i>][1,4]oxazine AXL Inhibitors via Structure-Based Drug Design Targeting c-Met Kinase. Journal of Medicinal Chemistry, 2023, 66, 220-234.	2.9	4
227	Practical Recommendations for the Manipulation of Kinase Inhibitor Formulations to Age-Appropriate Dosage Forms. Pharmaceuticals, 2022, 14, 2834.	2.0	1
228	Phospho-heavy-labeled-spikeptide FAIMS stepped-CV DDA (pHASED) provides real-time phosphoproteomics data to aid in cancer drug selection. Clinical Proteomics, 2022, 19, .	1.1	3
229	Identification of PTPN22 as a potential genetic biomarker for abdominal aortic aneurysm. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	2
230	MSC-1186, a Highly Selective Pan-SRPK Inhibitor Based on an Exceptionally Decorated Benzimidazole-Pyrimidine Core. Journal of Medicinal Chemistry, 2023, 66, 837-854.	2.9	2
231	Advances in computational methods for ligand binding kinetics. Trends in Biochemical Sciences, 2023, 48, 437-449.	3.7	11
232	Drug Repositioning Applied to Cardiovascular Disease in Mucopolysaccharidosis. Life, 2022, 12, 2085.	1.1	1
234	Protein Kinase Inhibitors as a New Target for Immune System Modulation and Brain Cancer Management. International Journal of Molecular Sciences, 2022, 23, 15693.	1.8	0
236	Facile Synthesis of Zinc Indium Oxide Nanofibers Distributed with Low Content of Silver for Superior Antibacterial Activity. Small Structures, 2023, 4, .	6.9	26
237	Identification of LRRK2 Inhibitors through Computational Drug Repurposing. ACS Chemical Neuroscience, 2023, 14, 481-493.	1.7	6

#	ARTICLE	IF	CITATIONS
238	Identification and validation of a novel ferroptosis-related gene signature for prognosis and potential therapeutic target prediction in cholangiocarcinoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
239	Therapeutic Monitoring of Orally Administered, Small-Molecule Anticancer Medications with Tumor-Specific Cellular Protein Targets in Peripheral Fluid Spaces—A Review. <i>Pharmaceutics</i> , 2023, 15, 239.	2.0	1
240	Dual ligand approach increases functional group tolerance in the Pd-catalysed C–H arylation of <i>N</i> -heterocyclic pharmaceuticals. <i>Chemical Science</i> , 2023, 14, 1176-1183.	3.7	4
241	Tyrosine Kinase Inhibitors for Glioblastoma Multiforme: Challenges and Opportunities for Drug Delivery. <i>Pharmaceutics</i> , 2023, 15, 59.	2.0	14
242	MS/MS-Based Molecular Networking: An Efficient Approach for Natural Products Dereplication. <i>Molecules</i> , 2023, 28, 157.	1.7	11
243	Cooperation of structural motifs controls drug selectivity in cyclin-dependent kinases: an advanced theoretical analysis. <i>Briefings in Bioinformatics</i> , 2023, 24, .	3.2	4
244	NaClO ₂ -Mediated Cross Installation of Indoles and Azoles Benefits Anticancer Hit Discovery. <i>ChemMedChem</i> , 2023, 18, .	1.6	1
245	Identification of Activated Cdc42-Associated Kinase Inhibitors as Potential Anticancer Agents Using Pharmacoinformatic Approaches. <i>Biomolecules</i> , 2023, 13, 217.	1.8	2
246	Inhibition of Abl Kinase by Imatinib Can Rescue the Compromised Barrier Function of 22q11.2DS Patient-iPSC-Derived Blood–Brain Barriers. <i>Cells</i> , 2023, 12, 422.	1.8	1
248	Resistance to a tyrosine kinase inhibitor mediated by changes to the conformation space of the kinase. <i>Physical Chemistry Chemical Physics</i> , 2023, 25, 6175-6183.	1.3	1
249	Approved Small-Molecule ATP-Competitive Kinases Drugs Containing Indole/Azaindole/Oxindole Scaffolds: R&D and Binding Patterns Profiling. <i>Molecules</i> , 2023, 28, 943.	1.7	3
250	An affinity-directed phosphatase, AdPhosphatase, system for targeted protein dephosphorylation. <i>Cell Chemical Biology</i> , 2023, 30, 188-202.e6.	2.5	4
252	Drug discovery: Standing on the shoulders of giants. , 2023, , 207-338.		0
253	Silmitasertib (CX-4945), a Clinically Used CK2-Kinase Inhibitor with Additional Effects on GSK3 ^β and DYRK1A Kinases: A Structural Perspective. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 4009-4024.	2.9	13
254	A SARS-CoV-2-specific CAR-T-cell model identifies felodipine, fasudil, imatinib, and caspofungin as potential treatments for lethal COVID-19. , 2023, 20, 351-364.		5
255	Strategies for Competitive Activity-Based Protein Profiling in Small Molecule Inhibitor Discovery and Characterization. <i>Israel Journal of Chemistry</i> , 2023, 63, .	1.0	1
256	Design, synthesis and bioevaluation of 1,2,4-thiadiazolidine-3,5-dione derivatives as potential GSK-3 ^β inhibitors for the treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2023, 134, 106446.	2.0	4
257	Analysis of intracellular tyrosine phosphorylation in circulating neutrophils as a rapid assay for the in vivo effect of oral tyrosine kinase inhibitors. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	0

#	ARTICLE	IF	CITATIONS
258	Application of Novel Degraders Employing Autophagy for Expediting Medicinal Research. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 1700-1711.	2.9	11
259	Computational Approaches to Enzyme Inhibition by Marine Natural Products in the Search for New Drugs. <i>Marine Drugs</i> , 2023, 21, 100.	2.2	4
260	Adverse reactions after treatment with dasatinib in chronic myeloid leukemia: Characteristics, potential mechanisms, and clinical management strategies. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	4
262	2-Ethynylbenzaldehyde-Based, Lysine-Targeting Irreversible Covalent Inhibitors for Protein Kinases and Nonkinases. <i>Journal of the American Chemical Society</i> , 2023, 145, 3844-3849.	6.6	10
263	Gatekeeper mutations activate FGF receptor tyrosine kinases by destabilizing the autoinhibited state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	5
264	Targeting Human Proteins for Antiviral Drug Discovery and Repurposing Efforts: A Focus on Protein Kinases. <i>Viruses</i> , 2023, 15, 568.	1.5	2
265	Kinome inhibition states and multiomics data enable prediction of cell viability in diverse cancer types. <i>PLoS Computational Biology</i> , 2023, 19, e1010888.	1.5	1
266	Targeting the Epidermal Growth Factor Receptor with Molecular Degraders: State-of-the-Art and Future Opportunities. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 3135-3172.	2.9	6
267	Artificial Intelligence-Based Computational Screening and Functional Assays Identify Candidate Small Molecule Antagonists of PTPmu-Dependent Adhesion. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4274.	1.8	2
268	Strategy toward Kinase-Selective Drug Discovery. <i>Journal of Chemical Theory and Computation</i> , 2023, 19, 1615-1628.	2.3	7
269	Protein kinases: Role of their dysregulation in carcinogenesis, identification and inhibition. <i>Drug Research</i> , 2023, 73, 189-199.	0.7	4
270	Cancer Therapy. , 2023, , 483-534.		0
271	Addressing Transcriptional Dysregulation in Cancer through CDK9 Inhibition. <i>Biochemistry</i> , 2023, 62, 1114-1123.	1.2	6
272	Management of the adverse effects of targeted therapy for cancer. <i>Journal of the Korean Medical Association</i> , 2023, 66, 105-111.	0.1	0
273	Coupling substrate-trapping with proximity-labeling to identify protein tyrosine phosphatase PTP1B signaling networks. <i>Journal of Biological Chemistry</i> , 2023, 299, 104582.	1.6	8
274	Thereâ€™s more to enzyme antagonism than inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2023, 82, 117231.	1.4	0
275	Applications and prospects of cryo-EM in drug discovery. <i>Military Medical Research</i> , 2023, 10, .	1.9	2
276	Comparative Efficacy and Selectivity of Pharmacological Inhibitors of DYRK and CLK Protein Kinases. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 4106-4130.	2.9	11

#	ARTICLE	IF	CITATIONS
277	Recent advances in the development of RIPK2 modulators for the treatment of inflammatory diseases. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	7
278	Emerging Strategies in Proteolysis-Targeting Chimeras (PROTACs): Highlights from 2022. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5190.	1.8	2
280	Human Polo-like Kinase Inhibitors as Antiplasmodials. <i>ACS Infectious Diseases</i> , 2023, 9, 1004-1021.	1.8	2
281	LIMK2 promotes melanoma tumor growth and metastasis through G3BP1-ESM1 pathway-mediated apoptosis inhibition. <i>Oncogene</i> , 2023, 42, 1478-1491.	2.6	1
282	Fighting rare cancers: lessons from fibrolamellar hepatocellular carcinoma. <i>Nature Reviews Cancer</i> , 2023, 23, 335-346.	12.8	4
284	Precision oncology comes of age. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2023, 36, 28-31.	0.1	1
285	Golgi-Targeting Anticancer Natural Products. <i>Cancers</i> , 2023, 15, 2086.	1.7	2
286	2-Phenylquinazolin-4(3H)-one scaffold as newly designed, synthesized VEGFR allosteric inhibitors with potent cytotoxicity through apoptosis. <i>Archiv Der Pharmazie</i> , 2023, 356, .	2.1	2
287	First electrochemical investigation of new generation antineoplastic agent ceritinib at a boron-doped diamond electrode based on the pre-enrichment effect of anionic surfactant. <i>Journal of the Iranian Chemical Society</i> , 2023, 20, 1729-1742.	1.2	2
288	Structure-Activity Relationship Studies Based on Quinazoline Derivatives as EGFR Kinase Inhibitors (2017-Present). <i>Pharmaceuticals</i> , 2023, 16, 534.	1.7	7
289	Screening of natural product libraries in MCF7 cell line reveals the pro-apoptotic properties of Î² tetralone. <i>Journal of Biomolecular Structure and Dynamics</i> , 2024, 42, 876-884.	2.0	0
290	A korszerű gyógyszer-szint-monitorozás szerepe az új típusú, kis molekulás, specifikus molekularis cölponittal rendelkező, per os formában szedhető onkológiai gyógyszerek alkalmazása során. <i>Transfusio</i> , 2022, 54, 174-183.	0.0	0
291	A New Wave of Targeting Undruggable™ Wnt Signaling for Cancer Therapy: Challenges and Opportunities. <i>Cells</i> , 2023, 12, 1110.	1.8	8
292	Imatinib Analogs in Chronic Myeloid Leukemia: a Systematic Qualitative Review. <i>Current Pharmacology Reports</i> , 0, , .	1.5	0
293	Advances in molecular targeted therapies to increase efficacy of (chemo)radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2023, 199, 1091-1109.	1.0	3
294	Setting sail: Maneuvering SHP2 activity and its effects in cancer. <i>Advances in Cancer Research</i> , 2023, , .	1.9	0
295	Rule of five violations among the FDA-approved small molecule protein kinase inhibitors. <i>Pharmacological Research</i> , 2023, 191, 106774.	3.1	11
296	A kinome-wide CRISPR screen identifies CK1 as a target to overcome enzalutamide resistance of prostate cancer. <i>Cell Reports Medicine</i> , 2023, 4, 101015.	3.3	2

#	ARTICLE	IF	CITATIONS
297	MKK4 Inhibitorsâ€™ Recent Development Status and Therapeutic Potential. International Journal of Molecular Sciences, 2023, 24, 7495.	1.8	2
304	Anticancer drugs acting on signaling pathways, part 1: Tyrosine kinase inhibitors. , 2023, , 493-563.		0
320	Exploring Allosteric Inhibitors of Protein Tyrosine Phosphatases Through High-Throughput Screening. Methods in Molecular Biology, 2023, , 235-245.	0.4	0
324	Angiogenic signaling pathways and anti-angiogenic therapy for cancer. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	68
333	Opportunities and challenges of protein-based targeted protein degradation. Chemical Science, 2023, 14, 8433-8447.	3.7	3
339	Editorial: Functional screening for cancer drug discovery: from experimental approaches to data integration. Frontiers in Genetics, 0, 14, .	1.1	1
350	HYDROGEN/DEUTERIUM EXCHANGE-MASS SPECTROMETRY IN MEDICINAL CHEMISTRY. Medicinal Chemistry Reviews, 0, , 465-487.	0.1	0
351	Principles of Clinical Oncology and Systemic Treatments. , 2023, , 225-246.		0
357	(Benz)imidazoles. , 2023, , 227-256.		0
368	CaMKK2 as an emerging treatment target for bipolar disorder. Molecular Psychiatry, 2023, 28, 4500-4511.	4.1	0
374	2-Aminopyrimidine. , 2023, , 391-404.		0
445	Recent Advances in RNA m6A Modification in Solid Tumors and Tumor Immunity. Cancer Treatment and Research, 2023, , 95-142.	0.2	0
460	Molecular Implications of BCR-ABL1 in Hematological Malignancies. , 2023, , .		0
471	Heart-on-a-chip systems: disease modeling and drug screening applications. Lab on A Chip, 2024, 24, 1494-1528.	3.1	0
485	Krebstherapie. , 2024, , 553-613.		0