

# Vassilios Myriantopoulos

## List of Publications by Citations

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43  
papers

1,350  
citations

19  
h-index

36  
g-index

48  
ext. papers

1,561  
ext. citations

5.5  
avg, IF

4.1  
L-index

#	Paper	IF	Citations
43	Structural basis for the synthesis of indirubins as potent and selective inhibitors of glycogen synthase kinase-3 and cyclin-dependent kinases. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 935-46	8.3	308
42	Roscovitine-derived, dual-specificity inhibitors of cyclin-dependent kinases and casein kinases 1. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 5229-42	8.3	108
41	Soluble 3S6-substituted indirubins with enhanced selectivity toward glycogen synthase kinase -3 alter circadian period. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 6421-31	8.3	98
40	Senescence and senotherapeutics: a new field in cancer therapy. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 193, 31-49	13.9	83
39	Impact of binding site waters on inhibitor design: contemplating a novel inverse binding mode of indirubin derivatives in DYRK kinases. <i>Journal of Cheminformatics</i> , <b>2014</b> , 6,	8.6	78
38	6-Br-5methylindirubin-3-oxime (5-Me-6-BIO) targeting the leishmanial glycogen synthase kinase-3 (GSK-3) short form affects cell-cycle progression and induces apoptosis-like death: exploitation of GSK-3 for treating leishmaniasis. <i>International Journal for Parasitology</i> , <b>2009</b> , 39, 1289-303	4.3	61
37	Novel Inverse Binding Mode of Indirubin Derivatives Yields Improved Selectivity for DYRK Kinases. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 22-26	4.3	57
36	An integrated computational approach to the phenomenon of potent and selective inhibition of aurora kinases B and C by a series of 7-substituted indirubins. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4027-37	8.3	55
35	Screening of a composite library of clinically used drugs and well-characterized pharmacological compounds for cystathionine Synthase inhibition identifies benserazide as a drug potentially suitable for repurposing for the experimental therapy of colon cancer. <i>Pharmacological Research</i> , <b>2013</b> , 113, 18-27	10.2	45
34	Identification of the substrate recognition and transport pathway in a eukaryotic member of the nucleobase-ascorbate transporter (NAT) family. <i>PLoS ONE</i> , <b>2012</b> , 7, e41939	3.7	36
33	Machine learning and data mining frameworks for predicting drug response in cancer: An overview and a novel in silico screening process based on association rule mining. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 203, 107395	13.9	35
32	Discovery and Optimization of a Selective Ligand for the Switch/Sucrose Nonfermenting-Related Bromodomains of Polybromo Protein-1 by the Use of Virtual Screening and Hydration Analysis. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 8787-8803	8.3	32
31	Modeling, substrate docking, and mutational analysis identify residues essential for the function and specificity of a eukaryotic purine-cytosine NCS1 transporter. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 36792-803	5.4	31
30	Tandem virtual screening targeting the SRA domain of UHRF1 identifies a novel chemical tool modulating DNA methylation. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 114, 390-6	6.8	29
29	An inhibitor-driven study for enhancing the selectivity of indirubin derivatives towards leishmanial Glycogen Synthase Kinase-3 over leishmanial cdc2-related protein kinase 3. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 234	4	28
28	Exploring and exploiting the systemic effects of deregulated replication licensing. <i>Seminars in Cancer Biology</i> , <b>2016</b> , 37-38, 3-15	12.7	27
27	Two new peltogynoids from <i>Acacia nilotica</i> Delile with kinase inhibitory activity. <i>Planta Medica</i> , <b>2010</b> , 76, 458-60	3.1	27

26	Selective cytotoxicity of the herbal substance acteoside against tumor cells and its mechanistic insights. <i>Redox Biology</i> , <b>2018</b> , 16, 169-178	11.3	23
25	A substrate translocation trajectory in a cytoplasm-facing topological model of the monocarboxylate/H <sup>+</sup> symporter Jen1p. <i>Molecular Microbiology</i> , <b>2011</b> , 81, 805-17	4.1	23
24	Investigating and re-evaluating the role of glycogen synthase kinase 3 beta kinase as a molecular target for cardioprotection by using novel pharmacological inhibitors. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 1228-1243	9.9	17
23	Novel indoleflutimide heterocycles with activity against influenza PA endonuclease and hepatitis C virus. <i>MedChemComm</i> , <b>2016</b> , 7, 447-456	5	17
22	Design and synthesis of new C-nucleosides as potential adenosine deaminase inhibitors. <i>Tetrahedron</i> , <b>2010</b> , 66, 9620-9628	2.4	14
21	Sesquiterpene lactones from <i>Staehelina fruticosa</i> . <i>Journal of Natural Products</i> , <b>2008</b> , 71, 847-51	4.9	10
20	Natural-Based Indirubins Display Potent Cytotoxicity toward Wild-Type and T315I-Resistant Leukemia Cell Lines. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2464-2471	4.9	10
19	Synthesis of 1,2-annulated adamantane heterocycles: structural determination studies of a bioactive cyclic sulfite. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 2671-2675	2	9
18	Immunohisto(cyto)chemistry: an old time classic tool driving modern oncological therapies. <i>Histology and Histopathology</i> , <b>2019</b> , 34, 335-352	1.4	7
17	A Novel Quantitative Method for the Detection of Lipofuscin, the Main By-Product of Cellular Senescence, in Fluids. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1896, 119-138	1.4	7
16	Design, synthesis and biological evaluation of novel substituted purine isosters as EGFR kinase inhibitors, with promising pharmacokinetic profile and <i>in vivo</i> efficacy. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 176, 393-409	6.8	6
15	Discovery of the glycogen phosphorylase-modulating activity of a resveratrol glucoside by using a virtual screening protocol optimized for solvation effects. <i>Planta Medica</i> , <b>2015</b> , 81, 507-16	3.1	6
14	Combined Virtual and Experimental Screening for CK1 Inhibitors Identifies a Modulator of p53 and Reveals Important Aspects of <i>in Silico</i> Screening Performance. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	6
13	The Role of E3, E4 Ubiquitin Ligase (UBE4B) in Human Pathologies. <i>Cancers</i> , <b>2019</b> , 12,	6.6	6
12	Novel Aryl-Substituted Pyrimidones as Inhibitors of 3-Mercaptopyruvate Sulfurtransferase with Antiproliferative Efficacy in Colon Cancer. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 6221-6240	8.3	6
11	Synthesis, Docking Study and Kinase Inhibitory Activity of a Number of New Substituted Pyrazolo[3,4-c]pyridines. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2017</b> , 65, 66-81	1.9	5
10	Scaffold hybridization strategy towards potent hydroxamate-based inhibitors of viruses and species. <i>MedChemComm</i> , <b>2019</b> , 10, 991-1006	5	4
9	Indirubin Analogues Inhibit Glycogen Synthase Kinase 3 Short and Growth. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	4

8	A facile consensus ranking approach enhances virtual screening robustness and identifies a cell-active DYRK1 $\beta$ inhibitor. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 2411-2430	4.1	4
7	In Silico Screening of Compound Libraries Using a Consensus of Orthogonal Methodologies. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1824, 261-277	1.4	3
6	Cockayne Syndrome Group B (CSB): The Regulatory Framework Governing the Multifunctional Protein and Its Plausible Role in Cancer. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
5	Lipophilic Guanylylhydrazone Analogues as Promising Trypanocidal Agents: An Extended SAR Study. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 838-866	3.3	2
4	NmeA, a novel efflux transporter specific for nucleobases and nucleosides, contributes to metal resistance in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , <b>2017</b> , 105, 426-439	4.1	1
3	Chemical Composition Of The Essential Oil Of <i>Cionura Erecta</i> (Asclepiadaceae) Inflorescences. <i>Journal of Essential Oil Research</i> , <b>2007</b> , 19, 266-268	2.3	1
2	Indirubins: A Potential Therapeutic Target in Multiple Myeloma. <i>Blood</i> , <b>2016</b> , 128, 3259-3259	2.2	
1	From bench to bedside, via desktop. Recent advances in the application of cutting-edge in silico tools in the research of drugs targeting bromodomain modules. <i>Biochemical Pharmacology</i> , <b>2019</b> , 159, 40-51	6	