

# Michael S Christodoulou

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,599  
citations

331670

21  
h-index

315739

38  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2592  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 1,2,3-triazole ring as a bioisostere in medicinal chemistry. <i>Drug Discovery Today</i> , 2017, 22, 1572-1581.	6.4	464
2	Novel pyrazole derivatives: Synthesis and evaluation of anti-angiogenic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4338-4350.	3.0	98
3	Chemical approaches to targeting drug resistance in cancer stem cells. <i>Drug Discovery Today</i> , 2014, 19, 1547-1562.	6.4	90
4	Synthesis and biological evaluation of imidazolo[2,1-b]benzothiazole derivatives, as potential p53 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1649-1657.	3.0	52
5	Self-assembly drug conjugates for anticancer treatment. <i>Drug Discovery Today</i> , 2016, 21, 1321-1329.	6.4	45
6	Farinose alpine <i>Primula</i> species: Phytochemical and morphological investigations. <i>Phytochemistry</i> , 2014, 98, 151-159.	2.9	38
7	Probing the Binding Site of Abl Tyrosine Kinase Using in Situ Click Chemistry. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 274-277.	2.8	36
8	â€Clickâ€™ synthesis of a triazole-based inhibitor of Met functions in cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4693-4696.	2.2	34
9	New class of squalene-based releasable nanoassemblies of paclitaxel, podophyllotoxin, camptothecin and epothilone A. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 179-190.	5.5	34
10	Boehmeriasin A as new lead compound for the inhibition of topoisomerases and SIRT2. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 766-775.	5.5	32
11	Enzymatic Kinetic Resolution of 2-Piperidineethanol for the Enantioselective Targeted and Diversity Oriented Synthesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 17.	4.1	31
12	Engineered Ferritin Nanoparticles for the Bioluminescence Tracking of Nanodrug Delivery in Cancer. <i>Small</i> , 2020, 16, e2001450.	10.0	30
13	Chiral Flavanones from <i>Amygdalus lycioides</i> Spach: Structural Elucidation and Identification of TNF $\alpha$ Inhibitors by Bioactivity-guided Fractionation. <i>Molecules</i> , 2012, 17, 1665-1674.	3.8	29
14	Quinazolinecarboline alkaloid evodiamine as scaffold for targeting topoisomerase I and sirtuins. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6920-6928.	3.0	26
15	Synthesis and biological evaluation of novel tamoxifen analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4120-4131.	3.0	26
16	PIFA-mediated synthesis of novel pyrazoloquinolin-4-ones as potential ligands for the estrogen receptor. <i>Tetrahedron Letters</i> , 2008, 49, 7100-7102.	1.4	24
17	Application of the Ugi reaction with multiple amino acid-derived components: synthesis and conformational evaluation of piperazine-based minimalist peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4993-5005.	2.8	24
18	4-(1,2-diarylbut-1-en-1-yl)isobutyranilide derivatives as inhibitors of topoisomerase II. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 79-89.	5.5	24

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19	Structure-Activity Relationships of Hexahydrocyclopenta[ <i>c</i> ]quinoline Derivatives as Allosteric Inhibitors of CDK2 and EGFR. <i>ChemMedChem</i> , 2018, 13, 2627-2634.	3.2	23
20	Chalcones and Chalcone-mimetic Derivatives as Notch Inhibitors in a Model of T-cell Acute Lymphoblastic Leukemia. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 639-643.	2.8	23
21	Divergent Conversion of 4-Naphthoquinone-substituted 4 <i>H</i> -Isoxazolones to Different Benzo-fused Indole Derivatives. <i>Organic Letters</i> , 2020, 22, 2735-2739.	4.6	23
22	Probing an Allosteric Pocket of CDK2 with Small Molecules. <i>ChemMedChem</i> , 2017, 12, 33-41.	3.2	21
23	Click Reaction as a Tool to Combine Pharmacophores: The Case of Vismodegib. <i>ChemPlusChem</i> , 2015, 80, 938-943.	2.8	19
24	Natural Products and Cancer Stem Cells. <i>Current Pharmaceutical Design</i> , 2015, 21, 5547-5557.	1.9	19
25	Camptothecin- $\gamma$ -methanthiole: Semisynthesis and Biological Evaluation. <i>ChemMedChem</i> , 2012, 7, 2134-2143.	3.2	18
26	Self-Assembled Squalene-based Fluorescent Heteronanoparticles. <i>ChemPlusChem</i> , 2015, 80, 47-49.	2.8	18
27	Novel 3,3-disubstituted oxindole derivatives. Synthesis and evaluation of the anti-proliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126845.	2.2	17
28	Cyclopamine-Paclitaxel-Containing Nanoparticles: Internalization in Cells Detected by Confocal and Super-Resolution Microscopy. <i>ChemPlusChem</i> , 2015, 80, 1380-1383.	2.8	16
29	Self-assembled 4-(1,2-diphenylbut-1-en-1-yl)aniline based nanoparticles: podophyllotoxin and aloin as building blocks. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1106-1109.	2.8	15
30	Heteronanoparticles by self-Assembly of Doxorubicin and Cyclopamine Conjugates. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 953-957.	2.8	15
31	Promising Non-cytotoxic Monosubstituted Chalcones to Target Monoamine Oxidase-B. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1151-1158.	2.8	15
32	Synthesis of Pironetin-Dumetorine Hybrids as Tubulin Binders. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2029-2036.	2.4	14
33	Heteronanoparticles by Self-Assembly of Ecdysteroid and Doxorubicin Conjugates To Overcome Cancer Resistance. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 468-471.	2.8	14
34	Transition Metal-Catalyzed Intramolecular Amination and Hydroamination Reactions of Allenes. <i>Advances in Organometallic Chemistry</i> , 2018, 69, 1-71.	1.0	14
35	Nanolipid-Trehalose Conjugates and Nano-Assemblies as Putative Autophagy Inducers. <i>Pharmaceutics</i> , 2019, 11, 422.	4.5	14
36	Chalcone Derivatives Activate and Desensitize the Transient Receptor Potential Ankyrin 1 Cation Channel, Subfamily A, Member 1 TRPA1 Ion Channel: Structure-Activity Relationships in vitro and Anti-Nociceptive and Anti-inflammatory Activity in vivo. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 987-994.	1.4	14

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37	Palladium-Catalyzed Benzodiazepines Synthesis. <i>Catalysts</i> , 2020, 10, 634.	3.5	13
38	Tools for the rational design of bivalent microtubule-targeting drugs. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 48-53.	2.1	10
39	Chemo- and Regioselective Palladium(II)-Catalyzed Aminoarylation of N-Allylureas Providing 4-Arylmethyl Imidazolidinones. <i>Synthesis</i> , 2019, 51, 3462-3470.	2.3	10
40	Cascade Reaction by Chemo- and Biocatalytic Approaches to Obtain Chiral Hydroxy Ketones and 1,3-Diols. <i>ChemistryOpen</i> , 2018, 7, 393-400.	1.9	9
41	Synthesis of Thicolchicine-Based Conjugates: Investigation towards Bivalent Tubulin/Microtubules Binders. <i>ChemPlusChem</i> , 2019, 84, 98-102.	2.8	9
42	Microtubule-Directed Therapeutic Strategy for Neurodegenerative Disorders: Starting From the Basis and Looking on the Emergences. <i>Current Pharmaceutical Design</i> , 2017, 23, 784-808.	1.9	9
43	2-Phenylloxazole-carboxamide as a Scaffold for Selective Inhibition of Human Monoamine Oxidase...B. <i>ChemMedChem</i> , 2019, 14, 1641-1652.	3.2	8
44	Self-assembling Releasable Thiocolchicine-Diphenylbutenylaniline Conjugates. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 611-614.	2.8	8
45	Preparation of Fluorescent Tubulin Binders. <i>ChemPlusChem</i> , 2013, 78, 222-226.	2.8	7
46	9-Fluorenone-carboxylic Acid as a Scaffold for Tubulin Interacting Compounds. <i>ChemPlusChem</i> , 2013, 78, 663-669.	2.8	7
47	A small library of chalcones induce liver cancer cell death through Akt phosphorylation inhibition. <i>Scientific Reports</i> , 2020, 10, 11814.	3.3	7
48	Antiproliferative effects of chalcones on T cell acute lymphoblastic leukemia-derived cells: Role of PKC $\beta$ . <i>Archiv Der Pharmazie</i> , 2020, 353, 2000062.	4.1	7
49	Ruthenium-Catalyzed Decarboxylative Rearrangement of 4-Alkenylisoxazolones to Pyrrole Derivatives. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	7
50	Vancomycin-Iridium (III) Interaction: An Unexplored Route for Enantioselective Imine Reduction. <i>Molecules</i> , 2019, 24, 2771.	3.8	6
51	Synthesis and In Vitro Biological Evaluation of Novel Pyrazole Derivatives as Potential Antitumor Agents. <i>Medicinal Chemistry</i> , 2012, 8, 779-788.	1.5	5
52	Design and Synthesis of Hsp90 Inhibitors with B-Raf and PDHK1 Multi-Target Activity. <i>ChemistryOpen</i> , 2021, 10, 1177-1185.	1.9	5
53	Can we use the epigenetic bioactivity of caloric restriction and phytochemicals to promote healthy ageing?. <i>MedChemComm</i> , 2014, 5, 1804-1820.	3.4	4
54	Imidazo[2,1-b]benzothiazol Derivatives as Potential Allosteric Inhibitors of the Glucocorticoid Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 339-344.	2.8	4

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55	Asymmetric Hydrogenation of 1-aryl substituted-3,4-Dihydroisoquinolines with Iridium Catalysts Bearing Different Phosphorus-Based Ligands. <i>Catalysts</i> , 2020, 10, 914.	3.5	4
56	Divergent Palladium- and Platinum-Catalyzed Intramolecular Hydroamination/Hydroarylation of <i>o</i> -Propargyl- <i>o</i> -aminophenols. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6176-6184.	2.4	3
57	Enzymatic amide bond formation: synthesis of aminooxo-acids through a <i>Mycobacterium smegmatis</i> acyltransferase. <i>Green Chemistry</i> , 2022, 24, 4432-4436.	9.0	3
58	Biological Properties of New Chiral 2-Methyl-5,6,7,8-tetrahydroquinolin-8-amine-based Compounds. <i>Molecules</i> , 2020, 25, 5561.	3.8	2
59	New Insights into the Epigenetic Activities of Natural Compounds. <i>OBM Genetics</i> , 2018, 2, 1-1.	0.4	2
60	Copper-Catalyzed Alkoxylation as Key Step to Convert Isatin to Oxazinoindole-2-one Derivatives. <i>ChemistrySelect</i> , 2018, 3, 4361-4365.	1.5	1