

Maurício Temotheo Tavares

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Rational Design, Synthesis, and Mechanism of (3 <i>S</i> ,4 <i>R</i>)-3-Amino-4-(difluoromethyl)cyclopent-1-ene-1-carboxylic Acid: Employing a Second-Deprotonation Strategy for Selectivity of Human Ornithine Aminotransferase over GABA Aminotransferase. <i>Journal of the American Chemical Society</i> , 2022, 144, 5629-5642.	6.6	4
2	Mercaptoacetamide: A promising zinc-binding group for the discovery of selective histone deacetylase 6 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112887.	2.6	28
3	Peppers: A Natural Source for Antitumor Compounds. <i>Molecules</i> , 2021, 26, 1521.	1.7	6
4	Structure-activity relationship and mechanistic studies for a series of cinnamyl hydroxamate histone deacetylase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 35, 116085.	1.4	9
5	Antiphidic activity of the secondary metabolite lupeol isolated from <i>Zanthoxylum monogynum</i> . <i>Toxicon</i> , 2021, 193, 38-47.	0.8	10
6	Tetrahydroquinoline-Capped Histone Deacetylase 6 Inhibitor SW-101 Ameliorates Pathological Phenotypes in a Charcot-Marie-Tooth Type 2A Mouse Model. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4810-4840.	2.9	17
7	Turnover and Inactivation Mechanisms for (3 <i>S</i>)-3-Amino-4,4-difluorocyclopent-1-enecarboxylic Acid, a Selective Mechanism-Based Inactivator of Human Ornithine Aminotransferase. <i>Journal of the American Chemical Society</i> , 2021, 143, 8689-8703.	6.6	6
8	Recent innovative advances in the discovery of selective HDAC6 inhibitors. <i>Future Medicinal Chemistry</i> , 2021, 13, 1017-1019.	1.1	2
9	Design of Novel Phosphopantetheine Adenylyltransferase Inhibitors: A Potential New Approach to Tackle <i>Mycobacterium tuberculosis</i> . <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 1186-1197.	1.0	4
10	Rational Design of Suprastat: A Novel Selective Histone Deacetylase 6 Inhibitor with the Ability to Potentiate Immunotherapy in Melanoma Models. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10246-10262.	2.9	29
11	Design, synthesis and biological activity of novel substituted 3-benzoic acid derivatives as MtDHFR inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115600.	1.4	7
12	Discovery of a New Isoxazole-3-hydroxamate-Based Histone Deacetylase 6 Inhibitor SS-208 with Antitumor Activity in Syngeneic Melanoma Mouse Models. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8557-8577.	2.9	61
13	Capsaicin-like analogue induced selective apoptosis in A2058 melanoma cells: Design, synthesis and molecular modeling. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2893-2904.	1.4	16
14	Crystal Structure of Gend2, an NAD-Dependent Oxidoreductase Involved in the Biosynthesis of Gentamicin. <i>ACS Chemical Biology</i> , 2019, 14, 925-933.	1.6	10
15	Evaluation of Protein Kinase Inhibitors with PLK4 Cross-Over Potential in a Pre-Clinical Model of Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2112.	1.8	33
16	Brain Penetrable Histone Deacetylase 6 Inhibitor SW-100 Ameliorates Memory and Learning Impairments in a Mouse Model of Fragile X Syndrome. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1679-1695.	1.7	50
17	Multi-Spectroscopic and Theoretical Analysis on the Interaction between Human Serum Albumin and a Capsaicin Derivative RPF101. <i>Biomolecules</i> , 2018, 8, 78.	1.8	22
18	Using an in Silico Approach To Teach 3D Pharmacodynamics of the Drug-Target Interaction Process Focusing on Selective COX2 Inhibition by Celecoxib. <i>Journal of Chemical Education</i> , 2017, 94, 380-387.	1.1	9

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19	Synthesis, Molecular Modeling, and Evaluation of Novel Sulfonylhydrazones as Acetylcholinesterase Inhibitors for Alzheimer's Disease. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700163.	2.1	17
20	Synthesis and Pharmacological Evaluation of Selective Histone Deacetylase 6 Inhibitors in Melanoma Models. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1031-1036.	1.3	25
21	Toward chelerythrine optimization: Analogues designed by molecular simplification exhibit selective growth inhibition in non-small-cell lung cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4600-4610.	1.4	8
22	Oleanolic acid (OA) as an antileishmanial agent: Biological evaluation and in silico mechanistic insights. <i>Parasitology International</i> , 2016, 65, 227-237.	0.6	27
23	Environmentally Safe Condition for the Synthesis of Aryl and Alkyl Sulfonyl Hydrazones via One-Pot Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1899-1905.	3.2	22
24	UNDERSTANDING THE CHEMICAL PROCESS RELATED TO THE BIOACTIVATION OF SIMVASTATIN THROUGH EXPERIMENTAL AND IN SILICO METHODS: A PRACTICAL CLASS. <i>Quimica Nova</i> , 2016, , .	0.3	2
25	RPF151, a novel capsaicin-like analogue: in vitro studies and in vivo preclinical antitumor evaluation in a breast cancer model. <i>Tumor Biology</i> , 2015, 36, 7251-7267.	0.8	18
26	Synthesis, characterization, in silico approach and in vitro antiproliferative activity of RPF151, a benzodioxole sulfonamide analogue designed from capsaicin scaffold. <i>Journal of Molecular Structure</i> , 2015, 1088, 138-146.	1.8	13
27	DRUG-RECEPTOR INTERACTIONS: IN SILICO APPROACHES APPLIED TO EXPERIMENTAL CLASSES REGARDING THE EVOLUTION OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS. <i>Quimica Nova</i> , 2015, , .	0.3	2
28	Cytotoxic effects of dillapiole on MDA-MB-231 cells involve the induction of apoptosis through the mitochondrial pathway by inducing an oxidative stress while altering the cytoskeleton network. <i>Biochimie</i> , 2014, 99, 195-207.	1.3	25
29	Novel Capsaicin Analogues as Potential Anticancer Agents: Synthesis, Biological Evaluation, and <i>In Silico</i> Approach. <i>Archiv Der Pharmazie</i> , 2014, 347, 885-895.	2.1	14
30	RPF101, a new capsaicin-like analogue, disrupts the microtubule network accompanied by arrest in the G2/M phase, inducing apoptosis and mitotic catastrophe in the MCF-7 breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 385-398.	1.3	37
31	<i>N</i> -(1,3-Benzodioxol-5-yl)methyl]-4-methylbenzamide: an analogue of capsaicin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o332-o332.	0.2	2
32	<i>N</i> -[(1,3-Benzodioxol-5-yl)methyl]benzenesulfonamide: an analogue of capsaicin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1700-o1700.	0.2	1
33	Dillapiole as Antileishmanial Agent: Discovery, Cytotoxic Activity and Preliminary SAR Studies of Dillapiole Analogues. <i>Archiv Der Pharmazie</i> , 2012, 345, 934-944.	2.1	30