

Alfonso Trezza

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

673
citations

759233

12
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	ACE2 gene variants may underlie interindividual variability and susceptibility to COVID-19 in the Italian population. <i>European Journal of Human Genetics</i> , 2020, 28, 1602-1614.	2.8	208
2	An integrated drug repurposing strategy for the rapid identification of potential SARS-CoV-2 viral inhibitors. <i>Scientific Reports</i> , 2020, 10, 13866.	3.3	90
3	Dissecting the CD93-Multimerin 2 interaction involved in cell adhesion and migration of the activated endothelium. <i>Matrix Biology</i> , 2017, 64, 112-127.	3.6	59
4	The surge of flavonoids as novel, fine regulators of cardiovascular Cav channels. <i>European Journal of Pharmacology</i> , 2017, 796, 158-174.	3.5	45
5	A Computational Approach From Gene to Structure Analysis of the Human ABCA4 Transporter Involved in Genetic Retinal Diseases. , 2017, 58, 5320.		29
6	Modulation of the spacer in N,N-bis(alkanol)amine aryl ester heterodimers led to the discovery of a series of highly potent P-glycoprotein-based multidrug resistance (MDR) modulators. <i>European Journal of Medicinal Chemistry</i> , 2019, 172, 71-94.	5.5	27
7	Design, synthesis and biological evaluation of stereo- and regioisomers of amino aryl esters as multidrug resistance (MDR) reversers. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111655.	5.5	21
8	Machine learning application for development of a data-driven predictive model able to investigate quality of life scores in a rare disease. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 46.	2.7	21
9	A possible strategy to fight COVID-19: Interfering with spike glycoprotein trimerization. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 35-38.	2.1	21
10	A new integrated and interactive tool applicable to inborn errors of metabolism: Application to alkaptonuria. <i>Computers in Biology and Medicine</i> , 2018, 103, 1-7.	7.0	17
11	Design, synthesis and pharmacological evaluation of ester-based quercetin derivatives as selective vascular KCa1.1 channel stimulators. <i>Bioorganic Chemistry</i> , 2020, 105, 104404.	4.1	17
12	Ca v 1.2 channel current block by the PKA inhibitor H-89 in rat tail artery myocytes via a PKA-independent mechanism: Electrophysiological, functional, and molecular docking studies. <i>Biochemical Pharmacology</i> , 2017, 140, 53-63.	4.4	15
13	From in silico to in vitro: a trip to reveal flavonoid binding on the <i>Rattus norvegicus</i> Kir6.1 ATP-sensitive inward rectifier potassium channel. <i>PeerJ</i> , 2018, 6, e4680.	2.0	14
14	A multitarget semi-synthetic derivative of the flavonoid morin with improved in vitro vasorelaxant activity: Role of CaV1.2 and KCa1.1 channels. <i>Biochemical Pharmacology</i> , 2021, 185, 114429.	4.4	12
15	Applications of in Silico Methods for Design and Development of Drugs Targeting Protein-Protein Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 534-554.	2.1	10
16	Negative chronotropism, positive inotropism and lusitropism of 3,5-di-t-butyl-4-hydroxyanisole (DTBHA) on rat heart preparations occur through reduction of RyR2 Ca ²⁺ leak. <i>Biochemical Pharmacology</i> , 2018, 155, 434-443.	4.4	9
17	Vasorelaxing Activity of R-($\hat{\alpha}$)-3-Hydroxy-2,4,5-trimethoxydalbergiquinol from <i>Dalbergia tonkinensis</i> : Involvement of Smooth Muscle CaV1.2 Channels. <i>Planta Medica</i> , 2020, 86, 284-293.	1.3	9
18	Functional, electrophysiology, and molecular dynamics analysis of quercetin-induced contraction of rat vascular musculature. <i>European Journal of Pharmacology</i> , 2022, 918, 174778.	3.5	9

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19	Ritanserin blocks CaV1.2 channels in rat artery smooth muscles: electrophysiological, functional, and computational studies. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1158-1166.	6.1	7
20	The Selective Rat Toxicant Norbormide Blocks KATP Channels in Smooth Muscle Cells But Not in Insulin-Secreting Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 598.	3.5	6
21	Flavonoids and hERG channels: Friends or foes?. <i>European Journal of Pharmacology</i> , 2021, 899, 174030.	3.5	6
22	Multifaceted activity of polycyclic MDR revertant agents in drug-resistant leukemic cells: Role of the spacer. <i>Bioorganic Chemistry</i> , 2021, 106, 104460.	4.1	5
23	Vietnamese <i>Dalbergia tonkinensis</i> : A Promising Source of Mono- and Bifunctional Vasodilators. <i>Molecules</i> , 2022, 27, 4505.	3.8	5
24	Coumarins Isolated from <i>Murraya paniculata</i> in Vietnam and Their Inhibitory Effects against Enzyme Soluble Epoxide Hydrolase (sEH). <i>Planta Medica International Open</i> , 2016, 3, e68-e71.	0.5	4
25	In silico screening of anthraquinones from <i>Prismatomeris memecyloides</i> as novel phosphodiesterase type-5 inhibitors (PDE-5Is). <i>Revista Internacional De Andrología</i> , 2018, 16, 147-158.	0.3	4
26	In Silico Multi-Target Approach Revealed Potential Lead Compounds as Scaffold for the Synthesis of Chemical Analogues Targeting SARS-CoV-2. <i>Biology</i> , 2022, 11, 465.	2.8	2
27	2-Hydroxy-5-(3,5,7-trihydroxy-4-oxo-4H-chromen-2-yl)phenyl (E)-3-(4-hydroxy-3-methoxyphenyl)acrylate: Synthesis, In Silico Analysis and In Vitro Pharmacological Evaluation. <i>MolBank</i> , 2021, 2021, M1258.	0.5	1
28	Structural Bioinformatics to Unveil Weaknesses of Coronavirus Spike Glycoprotein Stability. <i>Methods in Pharmacology and Toxicology</i> , 2021, , 203.	0.2	0