

Tiziano Bandiera

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The L467F-F508del Complex Allele Hampers Pharmacological Rescue of Mutant CFTR by Elexacaftor/Tezacaftor/Ivacaftor in Cystic Fibrosis Patients: The Value of the Ex Vivo Nasal Epithelial Model to Address Non-Responders to CFTR-Modulating Drugs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3175.	4.1	19
2	CFTR Rescue by Lumacaftor (VX-809) Induces an Extensive Reorganization of Mitochondria in the Cystic Fibrosis Bronchial Epithelium. <i>Cells</i> , 2022, 11, 1938.	4.1	4
3	Green chemistry and first-principles theory enhance catalysis: synthesis and 6-fold catalytic activity increase of sub-5 nm Pd and Pt@Pd nanocubes. <i>Nanoscale</i> , 2022, 14, 10155-10168.	5.6	4
4	PET nanoplastics interactions with water contaminants and their impact on human cells. <i>Environmental Pollution</i> , 2021, 271, 116262.	7.5	33
5	Partial Rescue of F508del-CFTR Stability and Trafficking Defects by Double Corrector Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5262.	4.1	45
6	Same analytical method for both (bio)assay and zone isolation to identify/quantify bioactive compounds by quantitative nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2020, 1628, 461434.	3.7	10
7	Identification, Structure–Activity Relationship, and Biological Characterization of 2,3,4,5-Tetrahydro-1 <i>H</i> -pyrido[4,3- <i>b</i>]indoles as a Novel Class of CFTR Potentiators. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11169-11194.	6.4	12
8	Discovery of a picomolar potency pharmacological corrector of the mutant CFTR chloride channel. <i>Science Advances</i> , 2020, 6, eaay9669.	10.3	34
9	Multitarget Compounds for Bipolar Disorder: From Rational Design to Preliminary Pharmacokinetic Evaluation. <i>ChemMedChem</i> , 2020, 15, 949-954.	3.2	4
10	Antiangiogenic Effect of Graphene Oxide in Primary Human Endothelial Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22507-22518.	8.0	29
11	Distinctive lipid signatures of bronchial epithelial cells associated with cystic fibrosis drugs, including Trikafta. <i>JCI Insight</i> , 2020, 5, .	5.0	21
12	An Increase in Membrane Cholesterol by Graphene Oxide Disrupts Calcium Homeostasis in Primary Astrocytes. <i>Small</i> , 2019, 15, e1900147.	10.0	37
13	Antimicrobial, antioxidant, and waterproof RTV silicone-ethyl cellulose composites containing clove essential oil. <i>Carbohydrate Polymers</i> , 2018, 192, 150-158.	10.2	56
14	Graphene Oxide Upregulates the Homeostatic Functions of Primary Astrocytes and Modulates Astrocyte-to-Neuron Communication. <i>Nano Letters</i> , 2018, 18, 5827-5838.	9.1	47
15	Design, Synthesis, Structure–Activity Relationship Studies, and Three-Dimensional Quantitative Structure–Activity Relationship (3D-QSAR) Modeling of a Series of <i>O</i> -Biphenyl Carbamates as Dual Modulators of Dopamine D3 Receptor and Fatty Acid Amide Hydrolase. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2287-2304.	6.4	28
16	Graphene Oxide Nanosheets Disrupt Lipid Composition, Ca ²⁺ Homeostasis, and Synaptic Transmission in Primary Cortical Neurons. <i>ACS Nano</i> , 2016, 10, 7154-7171.	14.6	124
17	Applying a multitarget rational drug design strategy: the first set of modulators with potent and balanced activity toward dopamine D3 receptor and fatty acid amide hydrolase. <i>Chemical Communications</i> , 2014, 50, 4904-4907.	4.1	23
18	Synthesis and Structure–Activity Relationship Studies of <i>O</i> -Biphenyl-3-yl Carbamates as Peripherally Restricted Fatty Acid Amide Hydrolase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5917-5930.	6.4	24