Elisabetta Barresi

List of Publications by Year
in descending order

47	1,106	304743	414414
papers	citations	22 h-index	32 g-index

47	47	47	1467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arylthioamides as H₂S Donors: <scp>l</scp>-Cysteine-Activated Releasing Properties and Vascular Effects in Vitro and in Vivo. ACS Medicinal Chemistry Letters, 2013, 4, 904-908.	2.8	144
2	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. Scientific Reports, 2014, 4, 4749.	3.3	62
3	TSPO ligand residence time: a new parameter to predict compound neurosteroidogenic efficacy. Scientific Reports, 2016, 6, 18164.	3.3	53
4	The Alpha Keto Amide Moiety as a Privileged Motif in Medicinal Chemistry: Current Insights and Emerging Opportunities. Journal of Medicinal Chemistry, 2021, 64, 3508-3545.	6.4	51
5	Iminothioethers as Hydrogen Sulfide Donors: From the Gasotransmitter Release to the Vascular Effects. Journal of Medicinal Chemistry, 2017, 60, 7512-7523.	6.4	48
6	Phenylpyrazolo[1,5-a]quinazolin-5(4H)-one: A Suitable Scaffold for the Development of Noncamptothecin Topoisomerase I (Top1) Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 7458-7462.	6.4	43
7	Structureâ€“Activity Relationship Refinement and Further Assessment of 4-Phenylquinazoline-2-carboxamide Translocator Protein Ligands as Antiproliferative Agents in Human Glioblastoma Tumors. Journal of Medicinal Chemistry, 2014, 57, 2413-2428.	6.4	41
8	Strategies for the Improvement of Metal-Based Chemotherapeutic Treatments. Biomedicines, 2021, 9, 504.	3.2	35
9	Targeting the 18-kDa translocator protein: recent perspectives for neuroprotection. Biochemical Society Transactions, 2015, 43, 559-565.	3.4	32
10	TSPO PIGA Ligands Promote Neurosteroidogenesis and Human Astrocyte Well-Being. International Journal of Molecular Sciences, 2016, 17, 1028.	4.1	32
11	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2015, 58, 6081-6092.	6.4	31
12	Multiple Topoisomerase I (TopoI), Topoisomerase II (TopoII) and Tyrosyl-DNA Phosphodiesterase (TDP) inhibitors in the development of anticancer drugs. European Journal of Pharmaceutical Sciences, 2021, 156, 105594.	4.0	31
13	An update into the medicinal chemistry of translocator protein (TSPO) ligands. European Journal of Medicinal Chemistry, 2021, 209, 112924.	5.5	31
14	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-one: A Novel Template for the Design of Highly Selective A_{2B} Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2012, 55, 1490-1499.	6.4	28
15	Modulation of A2B adenosine receptor by 1-Benzyl-3-ketoindole derivatives. European Journal of Medicinal Chemistry, 2013, 69, 331-337.	5.5	28
16	Lead Optimization of 2-Phenylindolylglyoxylyldipeptide Murine Double Minute (MDM)2/Translocator Protein (TSPO) Dual Inhibitors for the Treatment of Gliomas. Journal of Medicinal Chemistry, 2016, 59, 4526-4538.	6.4	28
17	Novel 2-substituted-benzimidazole-6-sulfonamides as carbonic anhydrase inhibitors: synthesis, biological evaluation against isoforms I, II, IX and XII and molecular docking studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1697-1710.	5.2	28
18	Two mixed valence diruthenium(<scp>ii</scp>,<scp>iii</scp>) isomeric complexes show different anticancer properties. Dalton Transactions, 2021, 50, 9643-9647.	3.3	28

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19	Allosteric modulators of human A2B adenosine receptor. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1194-1203.	2.4	27
20	A mixed-valence diruthenium(ii,iii) complex endowed with high stability: from experimental evidence to theoretical interpretation. Dalton Transactions, 2020, 49, 14520-14527.	3.3	25
21	Benzofuroxane Derivatives as Multi-Effective Agents for the Treatment of Cardiovascular Diabetic Complications. Synthesis, Functional Evaluation, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2012, 55, 10523-10531.	6.4	24
22	TSPO ligand residence time influences human glioblastoma multiforme cell death/life balance. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 383-398.	4.9	22
23	Unbinding of Translocator Protein 18 kDa (TSPO) Ligands: From in Vitro Residence Time to in Vivo Efficacy via in Silico Simulations. ACS Chemical Neuroscience, 2019, 10, 3805-3814.	3.5	22
24	Sulfonamides incorporating heteropolycyclic scaffolds show potent inhibitory action against carbonic anhydrase isoforms I, II, IX and XII. Bioorganic and Medicinal Chemistry, 2016, 24, 921-927.	3.0	18
25	4-Substituted Benzenesulfonamides Incorporating Bi/Tricyclic Moieties Act as Potent and Isoform-Selective Carbonic Anhydrase II/IX Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 5765-5770.	6.4	18
26	Long lasting MDM2/Translocator protein modulator: a new strategy for irreversible apoptosis of human glioblastoma cells. Oncotarget, 2016, 7, 7866-7884.	1.8	17
27	Carbonic Anhydrase Activators for Neurodegeneration: An Overview. Molecules, 2022, 27, 2544.	3.8	17
28	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. European Journal of Pharmaceutical Sciences, 2020, 149, 105337.	4.0	15
29	De novo Neurosteroidogenesis in Human Microglia: Involvement of the 18 kDa Translocator Protein. International Journal of Molecular Sciences, 2021, 22, 3115.	4.1	15
30	Exploiting the 4-Phenylquinazoline Scaffold for the Development of High Affinity Fluorescent Probes for the Translocator Protein (TSPO). Journal of Medicinal Chemistry, 2017, 60, 7897-7909.	6.4	13
31	Novel positive allosteric modulators of A_{2B} adenosine receptor acting as bone mineralisation promoters. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 287-295.	5.2	12
32	Toward PET imaging of A2B adenosine receptors: a carbon-11 labeled triazinobenzimidazole tracer. Nuclear Medicine and Biology, 2016, 43, 309-317.	0.6	10
33	Long lasting inhibition of Mdm2-p53 interaction potentiates mesenchymal stem cell differentiation into osteoblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 737-749.	4.1	10
34	Residence Time, a New parameter to Predict Neurosteroidogenic Efficacy of Translocator Protein (TSPO) Ligands: the Case Study of N,Nâ€Dialkylâ€2â€arylindolâ€3â€ylglyoxylamides. ChemMedChem, 2017, 12, 1275-1278.	3.2	9
35	Inhibition studies on carbonic anhydrase isoforms I, II, IV and IX with N-arylsubstituted secondary sulfonamides featuring a bicyclic tetrahydroindazole scaffold. European Journal of Medicinal Chemistry, 2021, 220, 113490.	5.5	9
36	Essential Principles and Recent Progress in the Development of TSPO PET Ligands for Neuroinflammation Imaging. Current Medicinal Chemistry, 2022, 29, 4862-4890.	2.4	9

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37	Studies on enantioselectivity of chiral 4-acetylamino-6-alkyloxy-2-alkylthiopyrimidines acting as antagonists of the human A₃ adenosine receptor. MedChemComm, 2018, 9, 81-86.	3.4	6
38	Novel fluorescent triazinobenzimidazole derivatives as probes for labelling human A1 and A2B adenosine receptor subtypes. Bioorganic and Medicinal Chemistry, 2018, 26, 5885-5895.	3.0	6
39	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. European Journal of Medicinal Chemistry, 2019, 165, 46-58.	5.5	5
40	Allosterism vs. Orthosterism: Recent Findings and Future Perspectives on A2B AR Physio-Pathological Implications. Frontiers in Pharmacology, 2021, 12, 652121.	3.5	5
41	Tetrahydroquinazole-based secondary sulphonamides as carbonic anhydrase inhibitors: synthesis, biological evaluation against isoforms I, II, IV, and IX, and computational studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1874-1883.	5.2	4
42	Translocator Protein 18-kDa: a promising target to treat neuroinflammation-related degenerative diseases. Current Medicinal Chemistry, 2022, 29, .	2.4	4
43	Discovery of Pyrido[3â€²,2â€²:5,6]thiopyrano[4,3-d]pyrimidine-Based Antiproliferative Multikinase Inhibitors. ACS Medicinal Chemistry Letters, 2019, 10, 457-462.	2.8	3
44	Carbonic anhydrase activation profile of indole-based derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1783-1797.	5.2	3
45	Cancer Immunotherapy: An Overview on Small Molecules as Inhibitors of the Immune Checkpoint PD-1/PD-L1 (2015-2021). Mini-Reviews in Medicinal Chemistry, 2022, 22, .	2.4	3
46	Enriching the Arsenal of Pharmacological Tools against MICAL2. Molecules, 2021, 26, 7519.	3.8	1
47	Drug Repurposing Meets DNA Independent Pathways: Targeting Alternative Substrates for Anticancer Therapy. Current Topics in Medicinal Chemistry, 2021, 21, 2767-2770.	2.1	0