

Kalpana Tilekar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

395
citations

840119

11
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and primary cytotoxicity evaluation of new 5-benzylidene-2,4-thiazolidinedione derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4539-4544.	2.6	110
2	Power of two: combination of therapeutic approaches involving glucose transporter (GLUT) inhibitors to combat cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188457.	3.3	34
3	Discovery of 5-naphthylidene-2,4-thiazolidinedione derivatives as selective HDAC8 inhibitors and evaluation of their cytotoxic effects in leukemic cell lines. <i>Bioorganic Chemistry</i> , 2020, 95, 103522.	2.0	31
4	Discovery of novel N-substituted thiazolidinediones (TZDs) as HDAC8 inhibitors: in-silico studies, synthesis, and biological evaluation. <i>Bioorganic Chemistry</i> , 2020, 100, 103934.	2.0	31
5	Structure guided design and synthesis of furyl thiazolidinedione derivatives as inhibitors of GLUT 1 and GLUT 4, and evaluation of their anti-leukemic potential. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112603.	2.6	22
6	Synthesis and Biological Evaluation of Pyrazoline and Pyrrolidine-2,5-dione Hybrids as Potential Antitumor Agents. <i>ChemMedChem</i> , 2020, 15, 1813-1825.	1.6	20
7	Permuted 2,4-thiazolidinedione (TZD) analogs as GLUT inhibitors and their in-vitro evaluation in leukemic cells. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 154, 105512.	1.9	20
8	Pharmacophore hybridization approach to discover novel pyrazoline-based hydantoin analogs with anti-tumor efficacy. <i>Bioorganic Chemistry</i> , 2021, 107, 104527.	2.0	20
9	Thiazolidinedione "Magic Bullets" Simultaneously Targeting PPAR β and HDACs: Design, Synthesis, and Investigations of their <i>In Vitro</i> and <i>In Vivo</i> Antitumor Effects. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6949-6971.	2.9	20
10	Novel Anthraquinone Derivatives as Dual Inhibitors of Topoisomerase 2 and Casein Kinase 2: In Silico Studies, Synthesis and Biological Evaluation on Leukemic Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1551-1562.	0.9	13
11	Current status and future prospects of molecular hybrids with thiazolidinedione (TZD) scaffold in anticancer drug discovery. <i>Journal of Molecular Structure</i> , 2022, 1250, 131767.	1.8	13
12	Multi-target weapons: diaryl-pyrazoline thiazolidinediones simultaneously targeting VEGFR-2 and HDAC cancer hallmarks. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1540-1554.	1.7	12
13	Benzylidene thiazolidinediones: Synthesis, in vitro investigations of antiproliferative mechanisms and in vivo efficacy determination in combination with Imatinib. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127561.	1.0	9
14	HDAC4 Inhibitors with Cyclic Linker and Non-hydroxamate Zinc Binding Group: Design, Synthesis, HDAC Screening and <i>In Vitro</i> Cytotoxicity evaluation. <i>ChemistrySelect</i> , 2021, 6, 6748-6763.	0.7	8
15	Double-edged Swords: Diaryl pyrazoline thiazolidinediones synchronously targeting cancer epigenetics and angiogenesis. <i>Bioorganic Chemistry</i> , 2021, 116, 105350.	2.0	7
16	Mechanistic Insights into Binding of Ligands with Thiazolidinedione Warhead to Human Histone Deacetylase 4. <i>Pharmaceuticals</i> , 2021, 14, 1032.	1.7	7
17	Synthesis, <i>In Vitro</i> Evaluation and Molecular Docking Study of N-Substituted Thiazolidinediones as β -Glucosidase Inhibitors. <i>ChemistrySelect</i> , 2022, 7, .	0.7	6
18	Development of 1,2,4-Triazole-5-Thione Derivatives as Potential Inhibitors of Enoyl Acyl Carrier Protein Reductase (InhA) in Tuberculosis. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1742-1758.	0.3	5

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19	Development and investigation of thiazolidinedione and pyrazoline compounds as antiangiogenic weapons targeting VEGFR-2. <i>Future Medicinal Chemistry</i> , 2021, 13, 1963-1986.	1.1	4
20	Recent Anti-angiogenic Drug Discovery Efforts To Combat Cancer. <i>ChemistrySelect</i> , 2021, 6, 5689-5700.	0.7	3
21	Hypoglycemic and Hypolipidemic Swords: Synthesis and Biological Assessment of 5-benzylidene-2,4-thiazolidinediones. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 188-201.	0.3	0