Heather N Tinsley

List of Publications by Year
in descending order

30 papers	1,313 citations	471371 17 h-index	552653 26 g-index
33 all docs	33 docs citations	33 times ranked	2257 citing authors

#	Article	IF	Citations
1	The Role of Cyclic Nucleotide Signaling Pathways in Cancer: Targets for Prevention and Treatment. Cancers, 2014, 6, 436-458.	1.7	198
2	Sulindac Selectively Inhibits Colon Tumor Cell Growth by Activating the cGMP/PKG Pathway to Suppress Wnt/Î²-Catenin Signaling. Molecular Cancer Therapeutics, 2013, 12, 1848-1859.	1.9	113
3	Chronic Exposure to a High-Fat Diet Induces Hepatic Steatosis, Impairs Nitric Oxide Bioavailability, and Modifies the Mitochondrial Proteome in Mice. Antioxidants and Redox Signaling, 2011, 15, 447-459.	2.5	104
4	Suppression of Wnt/Î²-catenin signaling inhibits prostate cancer cell proliferation. European Journal of Pharmacology, 2009, 602, 8-14.	1.7	99
5	Sulindac sulfide selectively inhibits growth and induces apoptosis of human breast tumor cells by phosphodiesterase 5 inhibition, elevation of cyclic GMP, and activation of protein kinase G. Molecular Cancer Therapeutics, 2009, 8, 3331-3340.	1.9	92
6	Inhibition of PDE5 by Sulindac Sulfide Selectively Induces Apoptosis and Attenuates Oncogenic Wnt/Î²-Cateninâ€“Mediated Transcription in Human Breast Tumor Cells. Cancer Prevention Research, 2011, 4, 1275-1284.	0.7	87
7	A Novel Sulindac Derivative that Potently Suppresses Colon Tumor Cell Growth by Inhibiting cGMP Phosphodiesterase and Î²-Catenin Transcriptional Activity. Cancer Prevention Research, 2012, 5, 822-833.	0.7	83
8	Design, synthesis and biological evaluation of novel pyridine derivatives as anticancer agents and phosphodiesterase 3 inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 5974-5982.	1.4	81
9	A Novel Sulindac Derivative That Does Not Inhibit Cyclooxygenases but Potently Inhibits Colon Tumor Cell Growth and Induces Apoptosis with Antitumor Activity. Cancer Prevention Research, 2009, 2, 572-580.	0.7	78
10	Colon Tumor Cell Growthâ€“Inhibitory Activity of Sulindac Sulfide and Other Nonsteroidal Anti-Inflammatory Drugs Is Associated with Phosphodiesterase 5 Inhibition. Cancer Prevention Research, 2010, 3, 1303-1313.	0.7	72
11	Discovery of colon tumor cell growth inhibitory agents through a combinatorial approach. European Journal of Medicinal Chemistry, 2010, 45, 90-97.	2.6	60
12	NSAIDs: Old Drugs Reveal New Anticancer Targets. Pharmaceuticals, 2010, 3, 1652-1667.	1.7	48
13	Synthesis and Molecular Modeling of Novel Tetrahydro-Î²-carboline Derivatives with Phosphodiesterase 5 Inhibitory and Anticancer Properties. Journal of Medicinal Chemistry, 2011, 54, 495-509.	2.9	43
14	Synthesis, molecular modeling and biological evaluation of novel tadalafil analogues as phosphodiesterase 5 and colon tumor cell growth inhibitors, new stereochemical perspective. European Journal of Medicinal Chemistry, 2010, 45, 1278-1286.	2.6	36
15	New NSAID Targets and Derivatives for Colorectal Cancer Chemoprevention. Recent Results in Cancer Research, 2013, 191, 105-120.	1.8	27
16	cGMP signaling as a target for the prevention and treatment of breast cancer. Seminars in Cancer Biology, 2015, 31, 106-110.	4.3	25
17	Exploring the PDE5 H-pocket by ensemble docking and structure-based design and synthesis of novel Î²-carboline derivatives. European Journal of Medicinal Chemistry, 2012, 57, 329-343.	2.6	19
18	Novel Therapeutics: NSAIDs, Derivatives, and Phosphodiesterases. Current Colorectal Cancer Reports, 2012, 8, 325-330.	1.0	9

#	Article	IF	Citations
19	Synthesis of Novel Tadalafil Analogues and their Evaluation as Phosphodiesterase Inhibitors and Anticancer Agents. Arzneimittelforschung, 2009, 59, 415-421.	0.5	8
20	Design and Synthesis of Substituted Pyridazinoneâ€1â€Acetylhydrazones as Novel Phosphodiesterase 4 Inhibitors. Archiv Der Pharmazie, 2016, 349, 104-111.	2.1	8
21	Ripped from the Headlines: Using Current Events and Deliberative Democracy to Improve Student Performance in and Perceptions of Nonmajors Biology Courses. Journal of Microbiology and Biology Education, 2016, 17, 380-388.	0.5	6
22	Discovery of trisubstituted pyrazolines as a novel scaffold for the development of selective phosphodiesterase 5 inhibitors. Bioorganic Chemistry, 2020, 104, 104322.	2.0	6
23	A Novel Access to Arylated and Heteroarylated Beta-Carboline Based PDE5 Inhibitors. Medicinal Chemistry, 2010, 6, 374-387.	0.7	5
24	Cyclic GMP signaling during human lactation and breast cancer: Implications for breast cancer prevention. Breast Journal, 2019, 25, 775-777.	0.4	2
25	Using the Cell Engineer/Detective Approach to Explore Cell Structure and Function. CourseSource, 0, 1, .	0.0	1
26	Abstract 5443: A novel biosensor for monitoring intracellular cGMP in live cells. , 2011, , .		1
27	PKGI mediates the growth inhibitory effects of cGMP signaling in human breast cancer cells independent of Î²-catenin. Integrative Cancer Science and Therapeutics, 2015, 2, .	0.1	1
28	Abstract 3707: Sulindac sulfide inhibits growth and induces apoptosis of human colon tumor cells by a cGMP-dependent pathway leading to suppression of Î²-catenin transcription activity. , 2011, , .		0
29	Abstract 1853: PDE5 suppression selectively induces apoptosis of human breast tumor cells and attenuates Wnt/Î²-catenin mediated transcription. , 2011, , .		0
30	Abstract 4610: NO-NSAIDs inhibit colon tumor cell growth by a cGMP-independent mechanism. , 2011, , .		0