

Ryan J Holland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11817183/publications.pdf>

Version: 2024-02-01

16
papers

354
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	The liver-selective NO donor, V-PYRRO/NO, protects against liver steatosis and improves postprandial glucose tolerance in mice fed high fat diet. <i>Biochemical Pharmacology</i> , 2015, 93, 389-400.	4.4	34
2	PABA/NO lead optimization: Improved targeting of cytotoxicity to glutathione S-transferase P1-overexpressing cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4980-4988.	3.0	7
3	Hepatospecific Nitric Oxide (NO) Donors, V-PYRRO/NO and V-PROLI/NO, in Nonalcoholic Fatty Liver Disease: A Comparison of Antisteatotic Effects with the Biotransformation and Pharmacokinetics. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1028-1036.	3.3	17
4	Mechanism of action for the cytotoxic effects of the nitric oxide prodrug JS-K in murine erythroleukemia cells. <i>Leukemia Research</i> , 2014, 38, 377-382.	0.8	14
5	Nitric Oxide (NO) Releasing Poly ADP-ribose Polymerase 1 (PARP-1) Inhibitors Targeted to Glutathione S-Transferase P1-Overexpressing Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2292-2302.	6.4	36
6	Aminolysis of an N-Diazeniumdiolated Amidine as an Approach to Diazeniumdiolated Ammonia. <i>Journal of Organic Chemistry</i> , 2014, 79, 4512-4516.	3.2	0
7	Direct Reaction of Amides with Nitric Oxide To Form Diazeniumdiolates. <i>Journal of Organic Chemistry</i> , 2014, 79, 9389-9393.	3.2	20
8	Decoding Nitric Oxide Release Rates of Amine-Based Diazeniumdiolates. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6671-6677.	2.5	6
9	Enzymatic generation of the NO/HNO-releasing IPA/NO anion at controlled rates in physiological media using β -galactosidase. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 35, 131-136.	2.7	14
10	Synthesis and Chemical and Biological Comparison of Nitroxyl- and Nitric Oxide-Releasing Diazeniumdiolate-Based Aspirin Derivatives. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7804-7820.	6.4	68
11	Nitric oxide-releasing prodrug triggers cancer cell death through deregulation of cellular redox balance. <i>Redox Biology</i> , 2013, 1, 115-124.	9.0	45
12	O ² -Functionalized Methylamine Diazeniumdiolates: Evidence for E ₁ , Z ₁ Equilibration in an Acyclic System. <i>Journal of Organic Chemistry</i> , 2012, 77, 10804-10810.	3.2	9
13	Cross-Linking Protein Glutathionylation Mediated by O ² -Arylated Bis-Diazeniumdiolate "Double JS-K": <i>Chemical Research in Toxicology</i> , 2012, 25, 2670-2677.	3.3	5
14	Structural modifications modulate stability of glutathione-activated arylated diazeniumdiolate prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3094-3099.	3.0	14
15	Thiol Modification By Pharmacologically Active Agents of the Diazeniumdiolate Class. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 2012, 3, 91-95.	0.1	1
16	The Nitric Oxide Prodrug JS-K Is Effective against Non-Small-Cell Lung Cancer Cells In Vitro and In Vivo: Involvement of Reactive Oxygen Species. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 313-320.	2.5	64