

Ryan J Holland

List of Publications by Year in descending order

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16
papers

354
citations

933447

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996975

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docs citations

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times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Direct Reaction of Amides with Nitric Oxide To Form Diazeniumdiolates. <i>Journal of Organic Chemistry</i> , 2014, 79, 9389-9393.	3.2	20
7	Hepatoselective 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
8	Structural modifications modulate stability of glutathione-activated arylated diazeniumdiolate prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3094-3099.	3.0	14
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	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
11	O ² -Functionalized Methylamine Diazeniumdiolates: Evidence for E ₂ Z Equilibration in an Acyclic System. <i>Journal of Organic Chemistry</i> , 2012, 77, 10804-10810.	3.2	9
12	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
13	Decoding Nitric Oxide Release Rates of Amine-Based Diazeniumdiolates. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6671-6677.	2.5	6
14	Cross-Linking Protein Glutathionylation Mediated by O ₂ -Arylated Bis-Diazeniumdiolate "Double JS-K" Chemical Research in Toxicology, 2012, 25, 2670-2677.	3.3	5
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	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