

Alexander Kollau

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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citations

1040056

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11
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387
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of flavoring compounds used in electronic cigarette refill liquids on endothelial and vascular function. PLoS ONE, 2019, 14, e0222152. | 2.5 | 17 |
| 2 | Site and mechanism of uncoupling of nitric-oxide synthase: Uncoupling by monomerization and other misconceptions. Nitric Oxide - Biology and Chemistry, 2019, 89, 14-21. | 2.7 | 39 |
| 3 | Irreversible Activation and Stabilization of Soluble Guanylate Cyclase by the Protoporphyrin IX Mimetic Cinaciguat. Molecular Pharmacology, 2018, 93, 73-78. | 2.3 | 19 |
| 4 | Sustained Formation of Nitroglycerin-Derived Nitric Oxide by Aldehyde Dehydrogenase-2 in Vascular Smooth Muscle without Added Reductants: Implications for the Development of Nitrate Tolerance. Molecular Pharmacology, 2018, 93, 335-343. | 2.3 | 7 |
| 5 | Modulation of nitric oxide-stimulated soluble guanylyl cyclase activity by cytoskeleton-associated proteins in vascular smooth muscle. Biochemical Pharmacology, 2018, 156, 168-176. | 4.4 | 6 |
| 6 | Scavenging of nitric oxide by hemoglobin in the tunica media of porcine coronary arteries. Nitric Oxide - Biology and Chemistry, 2016, 54, 8-14. | 2.7 | 9 |
| 7 | Aldehyde dehydrogenase-independent bioactivation of nitroglycerin in porcine and bovine blood vessels. Biochemical Pharmacology, 2015, 93, 440-448. | 4.4 | 11 |
| 8 | Mitochondrial nitrite reduction coupled to soluble guanylate cyclase activation: Lack of evidence for a role in the bioactivation of nitroglycerin. Nitric Oxide - Biology and Chemistry, 2009, 20, 53-60. | 2.7 | 32 |
| 9 | Bioactivation of Nitroglycerin by Purified Mitochondrial and Cytosolic Aldehyde Dehydrogenases. Journal of Biological Chemistry, 2008, 283, 17873-17880. | 3.4 | 68 |
| 10 | Bioactivation of Nitroglycerin by Ascorbate. Molecular Pharmacology, 2007, 72, 191-196. | 2.3 | 18 |
| 11 | Contribution of aldehyde dehydrogenase to mitochondrial bioactivation of nitroglycerin: evidence for the activation of purified soluble guanylate cyclase through direct formation of nitric oxide. Biochemical Journal, 2005, 385, 769-777. | 3.7 | 86 |