

# Saad Lahlou

## List of Publications by Year in descending order

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86  
papers

1,840  
citations

218677  
26  
h-index

289244  
40  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1658  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                    | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Cardiovascular effects of 1,8-cineole, a terpenoid oxide present in many plant essential oils, in normotensive rats. Canadian Journal of Physiology and Pharmacology, 2002, 80, 1125-1131.                                                                 | 1.4 | 135       |
| 2  | Vasorelaxant effects of the monoterpenic phenol isomers, carvacrol and thymol, on rat isolated aorta. Fundamental and Clinical Pharmacology, 2010, 24, 341-350.                                                                                            | 1.9 | 103       |
| 3  | Antihypertensive effects of the essential oil of <i>Alpinia zerumbet</i> and its main constituent, terpinen-4-ol, in DOCA-salt hypertensive conscious rats. Fundamental and Clinical Pharmacology, 2003, 17, 323-330.                                      | 1.9 | 101       |
| 4  | Linalool blocks excitability in peripheral nerves and voltage-dependent Na <sup>+</sup> current in dissociated dorsal root ganglia neurons. European Journal of Pharmacology, 2010, 645, 86-93.                                                            | 3.5 | 61        |
| 5  | Endothelium-dependent vasorelaxant effects of the essential oil from aerial parts of <i>Alpinia zerumbet</i> and its main constituent 1,8-cineole in rats. Phytomedicine, 2009, 16, 1151-1155.                                                             | 5.3 | 58        |
| 6  | Cardiovascular Effects of the Essential Oil of <i>Alpinia zerumbet</i> Leaves and its Main Constituent, Terpinen-4-ol, in Rats: Role of the Autonomic Nervous System. Planta Medica, 2002, 68, 1097-1102.                                                  | 1.3 | 53        |
| 7  | Cardiovascular Effects of the Essential Oil of <i>Mentha x villosa</i> and its Main Constituent, Piperitenone Oxide, in Normotensive Anaesthetised Rats: Role of the Autonomic Nervous System. Planta Medica, 2001, 67, 638-643.                           | 1.3 | 51        |
| 8  | Cardiovascular effects of the essential oil of <i>Croton zehntneri</i> leaves and its main constituents, anethole and estragole, in normotensive conscious rats. Life Sciences, 2006, 78, 2365-2372.                                                       | 4.3 | 51        |
| 9  | Cardiovascular Effects of Eugenol, a Phenolic Compound Present in Many Plant Essential Oils, in Normotensive Rats. Journal of Cardiovascular Pharmacology, 2004, 43, 250-257.                                                                              | 1.9 | 47        |
| 10 | Relaxant Effects of the Essential Oil of <i>Eucalyptus tereticornis</i> and its Main Constituent 1,8-Cineole on Guinea-Pig Tracheal Smooth Muscle. Planta Medica, 2005, 71, 1173-1175.                                                                     | 1.3 | 44        |
| 11 | Essential Oil of <i>Croton nepetaefolius</i> Decreases Blood Pressure through an Action upon Vascular Smooth Muscle: Studies in DOCA-Salt Hypertensive Rats. Planta Medica, 2000, 66, 138-143.                                                             | 1.3 | 43        |
| 12 | Pharmacological evidence of calcium-channel blockade by essential oil of <i>Ocimum gratissimum</i> and its main constituent, eugenol, in isolated aortic rings from DOCA-salt hypertensive rats. Fundamental and Clinical Pharmacology, 2007, 21, 497-506. | 1.9 | 43        |
| 13 | Cardiovascular effects of methyleugenol, a natural constituent of many plant essential oils, in normotensive rats. Life Sciences, 2004, 74, 2401-2412.                                                                                                     | 4.3 | 41        |
| 14 | Cardiovascular Effects of the Essential Oil of <i>Aniba canelilla</i> Bark in Normotensive Rats. Journal of Cardiovascular Pharmacology, 2005, 46, 412-421.                                                                                                | 1.9 | 40        |
| 15 | Cardiovascular Effects of the Essential Oil of <i>Croton nepetaefolius</i> in Rats: Role of the Autonomic Nervous System. Planta Medica, 1999, 65, 553-557.                                                                                                | 1.3 | 39        |
| 16 | Antispasmodic effects of essential oil of <i>Pterodon polygalaeflorus</i> and its main constituent Î-caraphyllene on rat isolated ileum. Fundamental and Clinical Pharmacology, 2010, 24, 749-758.                                                         | 1.9 | 39        |
| 17 | Enhanced Hypotensive Effects of the Essential Oil of <i>Ocimum gratissimum</i> Leaves and its Main Constituent, Eugenol, in DOCA-Salt Hypertensive Conscious Rats. Planta Medica, 2005, 71, 376-378.                                                       | 1.3 | 38        |
| 18 | Essential oil of <i>Croton zehntneri</i> and its major constituent anethole display gastroprotective effect by increasing the surface mucous layer. Fundamental and Clinical Pharmacology, 2013, 27, 288-298.                                              | 1.9 | 37        |

| #  | ARTICLE                                                                                                                                                                                                                                                     | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 1-Nitro-2-phenylethane, the main constituent of the essential oil of Aniba canelilla, elicits a vago-vagal bradycardiac and depressor reflex in normotensive rats. <i>European Journal of Pharmacology</i> , 2010, 638, 90-98.                              | 3.5 | 36        |
| 20 | The vasorelaxant effects of 1-nitro-2-phenylethane involve stimulation of the soluble guanylate cyclase-cGMP pathway. <i>Biochemical Pharmacology</i> , 2013, 85, 780-788.                                                                                  | 4.4 | 36        |
| 21 | ESSENTIAL OIL OF CROTON NEPETAEFOLIUS AND ITS MAIN CONSTITUENT, 1,8-CINEOLE, BLOCK EXCITABILITY OF RAT SCIATIC NERVE IN VITRO. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 1158-1163.                                          | 1.9 | 35        |
| 22 | Vasorelaxation induced by the essential oil of <i>Croton nepetaefolius</i> and its constituents in rat aorta are partially mediated by the endothelium. <i>Fundamental and Clinical Pharmacology</i> , 2008, 22, 169-177.                                   | 1.9 | 35        |
| 23 | Antispasmodic effects of the essential oil of <i>Croton nepetaefolius</i> on guinea-pig ileum: a myogenic activity. <i>Fundamental and Clinical Pharmacology</i> , 2004, 18, 539-546.                                                                       | 1.9 | 31        |
| 24 | CARDIOVASCULAR EFFECTS OF THE ESSENTIAL OIL OF OCIMUM GRATISSIMUM LEAVES IN RATS: ROLE OF THE AUTONOMIC NERVOUS SYSTEM. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 219-225.                                                   | 1.9 | 30        |
| 25 | Inhibitory actions of eugenol on rat isolated ileum. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 901-906.                                                                                                                            | 1.4 | 28        |
| 26 | Eugenol modifies the excitability of rat sciatic nerve and superior cervical ganglion neurons. <i>Neuroscience Letters</i> , 2010, 472, 220-224.                                                                                                            | 2.1 | 27        |
| 27 | Mechanisms underlying the cardiovascular effects of a labdenic diterpene isolated from <i>Moldenhawera nutans</i> in normotensive rats. <i>Vascular Pharmacology</i> , 2007, 46, 60-66.                                                                     | 2.1 | 26        |
| 28 | Vasorelaxant effects of 1-nitro-2-phenylethane, the main constituent of the essential oil of Aniba canelilla, in superior mesenteric arteries from spontaneously hypertensive rats. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 709-716. | 4.0 | 26        |
| 29 | Cardiovascular effects of 1-nitro-2-phenylethane, the main constituent of the essential oil of Aniba canelilla, in spontaneously hypertensive rats. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 661-669.                                       | 1.9 | 25        |
| 30 | Antinociceptive and Antispasmodic Effects of the Essential Oil of <i>Ocimum micranthum</i> : Potential Anti-inflammatory Properties. <i>Planta Medica</i> , 2012, 78, 681-685.                                                                              | 1.3 | 24        |
| 31 | In-vitro characterization of the pharmacological effects induced by (±)-bisabolol in rat smooth muscle preparations. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 23-35.                                                              | 1.4 | 24        |
| 32 | Involvement of Nitric Oxide in the Mediation of the Hypotensive Action of the Essential Oil of <i>Mentha ÁfÁ— villosa</i> in Normotensive Conscious Rats. <i>Planta Medica</i> , 2002, 68, 694-699.                                                         | 1.3 | 23        |
| 33 | Effects of 1,8-cineole on electrophysiological parameters of neurons of the rat superior cervical ganglion. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1068-1073.                                                             | 1.9 | 23        |
| 34 | Inhibitory effect of 1,8-cineole on guinea-pig airway challenged with ovalbumin involves a preferential action on electromechanical coupling. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1120-1126.                           | 1.9 | 20        |
| 35 | Linalool-rich Rosewood Oil Induces Vago-vagal Bradycardic and Depressor Reflex in Rats. <i>Phytotherapy Research</i> , 2014, 28, 42-48.                                                                                                                     | 5.8 | 20        |
| 36 | Essential oil of <i>Pterodon polygalaeflorus</i> inhibits electromechanical coupling on rat isolated trachea. <i>Journal of Ethnopharmacology</i> , 2007, 109, 515-522.                                                                                     | 4.1 | 18        |

| #  | ARTICLE                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | The Essential Oil of <i>Eucalyptus tereticornis</i> and its Constituents, $\alpha$ - and $\beta$ -Pinene, Show Accelerative Properties on Rat Gastrointestinal Transit. <i>Planta Medica</i> , 2011, 77, 57-59.               | 1.3 | 18        |
| 38 | Rostrocaudal Localization of Cardiovascular Responses Induced by Intrathecal Administration of Apomorphine in Conscious, Freely Moving Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1990, 16, 331-337.               | 1.9 | 17        |
| 39 | Involvement of spinal dopamine receptors in mediation of the hypotensive and bradycardic effects of systemic quinpirole in anaesthetised rats. <i>European Journal of Pharmacology</i> , 1998, 353, 227-237.                  | 3.5 | 17        |
| 40 | Vasorelaxant effects of 1-nitro-2-phenylethane in rat isolated aortic rings. <i>Vascular Pharmacology</i> , 2014, 63, 55-62.                                                                                                  | 2.1 | 17        |
| 41 | The essential oil of <i>Eucalyptus tereticornis</i> , and its constituents $\alpha$ - and $\beta$ -pinene, potentiate acetylcholine-induced contractions in isolated rat trachea. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 649-655.  | 2.2 | 14        |
| 42 | Biphasic cardiovascular and respiratory effects induced by $\beta$ -citronellol. <i>European Journal of Pharmacology</i> , 2016, 775, 96-105.                                                                                 | 3.5 | 14        |
| 43 | Myorelaxant Effects of the Essential Oil of <i>Croton nepetaefolius</i> on the Contractile Activity of the Guinea-Pig Tracheal Smooth Muscle. <i>Planta Medica</i> , 2003, 69, 874-877.                                       | 1.3 | 13        |
| 44 | Cytoprotective effect of 1-nitro-2-phenylethane in mice pancreatic acinar cells subjected to taurocholate: Putative role of guanylyl cyclase-derived 8-nitro-cyclic-GMP. <i>Biochemical Pharmacology</i> , 2014, 91, 191-201. | 4.4 | 13        |
| 45 | ( $\alpha$ )- $\beta$ -Bisabolol inhibits preferentially electromechanical coupling on rat isolated arteries. <i>Vascular Pharmacology</i> , 2014, 63, 37-45.                                                                 | 2.1 | 12        |
| 46 | Contribution of Spinal Dopamine Receptors to the Hypotensive Action of Bromocriptine in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 18, 317-325.                                                              | 1.9 | 11        |
| 47 | Chronic administration of sildenafil improves endothelial function in spontaneously hypertensive rats by decreasing COX-2 expression and oxidative stress. <i>Life Sciences</i> , 2019, 225, 29-38.                           | 4.3 | 11        |
| 48 | Cardiovascular responses to intrathecal dopamine receptor agonists in conscious DOCA-salt hypertensive rats. <i>Fundamental and Clinical Pharmacology</i> , 1999, 13, 624-634.                                                | 1.9 | 10        |
| 49 | Cardiovascular Effects of the Essential Oil of <i>Croton argyrophyllodes</i> in Normotensive Rats: Role of the Autonomic Nervous System. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.      | 1.2 | 9         |
| 50 | Trans-4-methoxy- $\beta$ -nitrostyrene relaxes rat thoracic aorta through a sGC-dependent pathway. <i>European Journal of Pharmacology</i> , 2017, 807, 182-189.                                                              | 3.5 | 9         |
| 51 | Vasorelaxation induced by methyl cinnamate, the major constituent of the essential oil of <i>Ocimum micranthum</i> , in rat isolated aorta. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014, 41, 755-762. | 1.9 | 8         |
| 52 | Antispasmodic and myorelaxant effects of the flavoring agent methyl cinnamate in gut: Potential inhibition of tyrosine kinase. <i>European Journal of Pharmacology</i> , 2014, 740, 192-199.                                  | 3.5 | 8         |
| 53 | Effects of long-term pretreatment with isoproterenol on bromocriptine-induced tachycardia in conscious rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000, 78, 260-265.                                      | 1.4 | 7         |
| 54 | Mechanisms underlying the cardiovascular responses to spinal dopamine receptor stimulation by apomorphine in anesthetized rats. <i>Neuroscience Letters</i> , 2003, 335, 187-191.                                             | 2.1 | 7         |

| #  | ARTICLE                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Mechanism of the vasorelaxant effect induced by trans-4-methyl-2-nitrostyrene, a synthetic nitroderivative, in rat thoracic aorta. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 787-794.            | 1.9 | 7         |
| 56 | Blunted Central Bromocriptine-Induced Tachycardia in Conscious, Malnourished Rats. Basic and Clinical Pharmacology and Toxicology, 2003, 92, 189-194.                                                                   | 0.0 | 6         |
| 57 | Enhanced hypotensive response to intravenous apomorphine in chronic spinalized, conscious rats: role of spinal dopamine D1 and D2 receptors. Neuroscience Letters, 2003, 349, 115-119.                                  | 2.1 | 6         |
| 58 | Antispasmodic effects of a new kaurene diterpene isolated from Croton argyrophylloides on rat airway smooth muscle. Journal of Pharmacy and Pharmacology, 2012, 64, 1155-1164.                                          | 2.4 | 6         |
| 59 | Vasorelaxant effect of trans-4-chloro-2-nitrostyrene, a synthetic nitroderivative, in rat thoracic aorta. Fundamental and Clinical Pharmacology, 2021, 35, 331-340.                                                     | 1.9 | 6         |
| 60 | Blunted pressor responsiveness to intravenous quinpirole in conscious, chronic spinal cord-transected rats: peripheral vs. spinal mechanisms. European Journal of Pharmacology, 2000, 408, 51-62.                       | 3.5 | 5         |
| 61 | Pressor Responsiveness to Intravenous Quinpirole is Blunted in Malnourished, Conscious Rats: Central vs. Peripheral and Spinal Mechanisms. Journal of Cardiovascular Pharmacology, 2004, 44, 16-25.                     | 1.9 | 5         |
| 62 | Essential Oil of Croton Argyrophylloides: Toxicological Aspects and Vasorelaxant Activity in Rats. Natural Product Communications, 2012, 7, 1934578X1200701.                                                            | 0.5 | 5         |
| 63 | Cardiovascular Effects of the Essential Oil of Croton Zehntneri Leaves in DOCA-salt Hypertensive, Conscious Rats. Natural Product Communications, 2013, 8, 1934578X1300800.                                             | 0.5 | 5         |
| 64 | Endothelium-independent vasodilator effect of 2-nitro-1-phenyl-1-propanol on mesenteric resistance vessels in rats. European Journal of Pharmacology, 2017, 806, 52-58.                                                 | 3.5 | 5         |
| 65 | Mechanisms underlying the vasorelaxant effect of trans-4-methoxy-2-nitrostyrene in the rat mesenteric resistance arteries. European Journal of Pharmacology, 2019, 853, 201-209.                                        | 3.5 | 5         |
| 66 | Stimulation of pulmonary vagal C-fibers by trans-4-methyl-2-nitrostyrene induces bradycardiac and depressor reflex in rats: Role of vanilloid TRPV1 receptors. European Journal of Pharmacology, 2019, 849, 154-159.    | 3.5 | 5         |
| 67 | Essential oil of Croton argyrophylloides: toxicological aspects and vasorelaxant activity in rats. Natural Product Communications, 2012, 7, 1397-400.                                                                   | 0.5 | 5         |
| 68 | Cardiovascular effects of the essential oil of Croton zehntneri leaves in DOCA-salt hypertensive, conscious rats. Natural Product Communications, 2013, 8, 1167-70.                                                     | 0.5 | 5         |
| 69 | Effects of long-term pretreatment with isoproterenol on inotropic responsiveness to $\alpha$ -adrenoceptor stimulation: study in isolated perfused rat hearts. Journal of Pharmacy and Pharmacology, 2010, 53, 233-242. | 2.4 | 4         |
| 70 | Apocynin decreases AGEs-induced stimulation of NF- $\kappa$ B protein expression in vascular smooth muscle cells from GK rats. Pharmaceutical Biology, 2015, 53, 488-493.                                               | 2.9 | 4         |
| 71 | Cardiovascular Effects of Trans-4-Methoxy-2-Nitrostyrene in Spontaneously Hypertensive Rats: Comparison With Its Parent Drug 2-Nitrostyrene. Frontiers in Pharmacology, 2019, 10, 1407.                                 | 3.5 | 4         |
| 72 | $\alpha$ -Adrenergic responsiveness in rat isolated perfused heart after abdominal aortic coarctation. Journal of Pharmacy and Pharmacology, 2010, 54, 139-146.                                                         | 2.4 | 3         |

| #  | ARTICLE                                                                                                                                                                                                                                  | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Vasorelaxant effects of 2-nitro-1-phenylpropanol in rat aorta. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 1054-1061.                                                                                               | 1.9 | 3         |
| 74 | Vasodilator effects and putative guanylyl cyclase stimulation by 2-nitro-1-phenylethanone and 2-nitro-2-phenyl-propane-1,3-diol on rat aorta. European Journal of Pharmacology, 2018, 830, 105-114.                                      | 3.5 | 3         |
| 75 | Blockade of Spinal Dopamine D2 Receptors Enhances the Pressor Effect of Intravenous Quinpirole in Normotensive, Conscious Rats. Basic and Clinical Pharmacology and Toxicology, 2002, 90, 94-99.                                         | 0.0 | 2         |
| 76 | Blood Pressure Effects of Intravenous Apomorphine in Conscious Deoxycorticosterone-Acetate Salt Hypertensive Rats. Journal of Cardiovascular Pharmacology, 2003, 42, 772-781.                                                            | 1.9 | 2         |
| 77 | The essential oil of Croton nepetaefolius selectively blocks histamine-augmented neuronal excitability in guinea-pig celiac ganglion. Journal of Pharmacy and Pharmacology, 2010, 62, 1045-1053.                                         | 2.4 | 2         |
| 78 | Cardiovascular effects of a labdenic diterpene isolated from Moldenhawera nutansin conscious, spontaneously hypertensive rats. Pharmaceutical Biology, 2015, 53, 582-587.                                                                | 2.9 | 2         |
| 79 | GQ130, a novel analogue of thiazolidinedione, improves obesity-induced metabolic alterations in rats: Evidence for the involvement of PPAR $\gamma$ pathway. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 798-808.   | 1.9 | 2         |
| 80 | Vasodilatory action of trans-4-methoxy-2-nitrostyrene in rat isolated pulmonary artery. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 717-725.                                                                        | 1.9 | 2         |
| 81 | The soluble guanylate cyclase stimulator, 1-nitro-2-phenylethane, reverses monocrotaline-induced pulmonary arterial hypertension in rats. Life Sciences, 2021, 275, 119334.                                                              | 4.3 | 2         |
| 82 | Central Bromocriptine-Induced Tachycardia is Reversed to Bradycardia in Conscious, Deoxycorticosterone Acetate-Salt Hypertensive Rats. Basic and Clinical Pharmacology and Toxicology, 2008, 88, 238-243.                                | 0.0 | 1         |
| 83 | Endothelium-dependent and endothelium-independent effects of 1-nitro-2-propylbenzene on rat aorta. Fundamental and Clinical Pharmacology, 2019, 33, 612-620.                                                                             | 1.9 | 1         |
| 84 | Soluble guanylate cyclase stimulator, trans-4-methoxy-2-nitrostyrene, has a beneficial effect in monocrotaline-induced pulmonary arterial hypertension in rats. European Journal of Pharmacology, 2021, 897, 173948.                     | 3.5 | 1         |
| 85 | Cardiovascular effects of methyleugenol, a natural constituent of many plant essential oils, in normotensive rats. Life Sciences, 2004, 74, 2401-2401.                                                                                   | 4.3 | 0         |
| 86 | Pharmacological evidence of calcium-channel blockade by essential oil of Ocimum gratissimum and its main constituent, eugenol, in isolated aortic rings from DOCA-salt hypertensive rats. Fundamental and Clinical Pharmacology, 2007, . | 1.9 | 0         |