

Roberta Demmanuele Di Villa Bianca

List of Publications by Year in Descending Order

Source:

<https://exaly.com/author-pdf/7656392/roberta-demmanuele-di-villa-bianca-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,427
citations

20
h-index

37
g-index

51
ext. papers

1,648
ext. citations

6.4
avg, IF

4.07
L-index

#	Paper	IF	Citations
49	Phosphodiesterases S-sulphydration contributes to human skeletal muscle function.. <i>Pharmacological Research</i> , 2022 , 177, 106108	10.2	1
48	A new original nutraceutical formulation ameliorates the effect of Tadalafil on clinical score and cGMP accumulation. <i>Archivio Italiano Di Urologia Andrologia</i> , 2021 , 93, 221-226	1.6	6
47	Involvement of 3 α 5cyclic inosine monophosphate in cystathionine β lyase-dependent regulation of the vascular tone. <i>British Journal of Pharmacology</i> , 2021 , 178, 3765-3782	8.6	4
46	Immune and Nervous Systems Interaction in Endocrine Disruptors Toxicity: The Case of Atrazine.. <i>Frontiers in Toxicology</i> , 2021 , 3, 649024	1.6	6
45	Intra-tracheal administration increases gallium availability in lung: implications for antibacterial chemotherapy. <i>Pharmacological Research</i> , 2021 , 170, 105698	10.2	2
44	Pharmacology and perspectives in erectile dysfunction in man. <i>Pharmacology & Therapeutics</i> , 2020 , 208, 107493	13.9	17
43	Uterine Dysfunction in Diabetic Mice: The Role of Hydrogen Sulfide. <i>Antioxidants</i> , 2020 , 9,	7.1	4
42	L-cysteine/cystathionine- β synthase-induced relaxation in mouse aorta involves a L-serine/sphingosine-1-phosphate/NO pathway. <i>British Journal of Pharmacology</i> , 2020 , 177, 734-744	8.6	7
41	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 1455-1467	8.3	10
40	Mercaptopyruvate acts as endogenous vasodilator independently of 3-mercaptopyruvate sulfurtransferase activity. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 75, 53-59	5	27
39	In vitro/in vivo investigation on the potential of Pluronic \square mixed micelles for pulmonary drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 130, 30-38	5.7	27
38	The Role of the Hydrogen Sulfide Pathway in Male and Female Urogenital System in Health and Disease. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 654-668	8.4	13
37	β adrenergic receptor activation relaxes human corpus cavernosum and penile artery through a hydrogen sulfide/cGMP-dependent mechanism. <i>Pharmacological Research</i> , 2017 , 124, 100-104	10.2	11
36	Hydrogen sulfide compensates nitric oxide deficiency in murine corpus cavernosum. <i>Pharmacological Research</i> , 2016 , 113, 38-43	10.2	20
35	Urothelium muscarinic activation phosphorylates CBS(Ser227) via cGMP/PKG pathway causing human bladder relaxation through H2S production. <i>Scientific Reports</i> , 2016 , 6, 31491	4.9	32
34	5-FU targets rpL3 to induce mitochondrial apoptosis via cystathionine- β synthase in colon cancer cells lacking p53. <i>Oncotarget</i> , 2016 , 7, 50333-50348	3.3	58
33	Large Porous Particles for Sustained Release of a Decoy Oligonucleotide and Poly(ethylenimine): Potential for Combined Therapy of Chronic <i>Pseudomonas aeruginosa</i> Lung Infections. <i>Biomacromolecules</i> , 2016 , 17, 1561-71	6.9	10

32	Development of inhalable hyaluronan/mannitol composite dry powders for flucytosine repositioning in local therapy of lung infections. <i>Journal of Controlled Release</i> , 2016 , 238, 80-91	11.7	20
31	Hydrogen Sulfide and Urogenital Tract. <i>Handbook of Experimental Pharmacology</i> , 2015 , 230, 111-36	3.2	15
30	Toward Repositioning Niclosamide for Antivirulence Therapy of Pseudomonas aeruginosa Lung Infections: Development of Inhalable Formulations through Nanosuspension Technology. <i>Molecular Pharmaceutics</i> , 2015 , 12, 2604-17	5.6	48
29	Cystathionine β -lyase, a H ₂ S-generating enzyme, is a GPBAR1-regulated gene and contributes to vasodilation caused by secondary bile acids. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H114-26	5.2	35
28	Crucial role of androgen receptor in vascular H ₂ S biosynthesis induced by testosterone. <i>British Journal of Pharmacology</i> , 2015 , 172, 1505-15	8.6	21
27	Hydrogen sulfide is involved in dexamethasone-induced hypertension in rat. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 46, 80-6	5	40
26	Palmitoylethanolamide treatment reduces blood pressure in spontaneously hypertensive rats: involvement of cytochrome p450-derived eicosanoids and renin angiotensin system. <i>PLoS ONE</i> , 2015 , 10, e0123602	3.7	7
25	Human Cystathionine- β -Synthase Phosphorylation on Serine227 Modulates Hydrogen Sulfide Production in Human Urothelium. <i>PLoS ONE</i> , 2015 , 10, e0136859	3.7	20
24	A decoy oligonucleotide to NF- κ B delivered through inhalable particles prevents LPS-induced rat airway inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 49, 288-95	5.7	15
23	Hydrogen sulphide pathway contributes to the enhanced human platelet aggregation in hyperhomocysteinemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15812-7	11.5	49
22	N-Palmitoylethanolamide protects the kidney from hypertensive injury in spontaneously hypertensive rats via inhibition of oxidative stress. <i>Pharmacological Research</i> , 2013 , 76, 67-76	10.2	29
21	BPH/LUTS and ED: common pharmacological pathways for a common treatment. <i>Journal of Sexual Medicine</i> , 2013 , 10, 2382-93	1.1	20
20	Dry powders based on PLGA nanoparticles for pulmonary delivery of antibiotics: modulation of encapsulation efficiency, release rate and lung deposition pattern by hydrophilic polymers. <i>Journal of Controlled Release</i> , 2012 , 157, 149-59	11.7	204
19	Sildenafil effect on the human bladder involves the L-cysteine/hydrogen sulfide pathway: a novel mechanism of action of phosphodiesterase type 5 inhibitors. <i>European Urology</i> , 2012 , 62, 1174-80	10.2	58
18	OS064. Contribute of the L-cysteine/ H ₂ S pathway in placenta homeostasis in hypertensive disorders. <i>Pregnancy Hypertension</i> , 2012 , 2, 211-2	2.6	1
17	Endogenous urotensin II selectively modulates erectile function through eNOS. <i>PLoS ONE</i> , 2012 , 7, e31039	3.9	12
16	Hydrogen sulfide and erectile function: a novel therapeutic target. <i>Nature Reviews Urology</i> , 2011 , 8, 286-95	9.5	36
15	An ex vivo standardized assay to measure human platelet cGMP. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011 , 64, 164-7	1.7	9

14	Hydrogen sulfide-induced dual vascular effect involves arachidonic acid cascade in rat mesenteric arterial bed. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 59-64	4.7	46
13	Hydrogen sulphide induces mouse paw oedema through activation of phospholipase A2. <i>British Journal of Pharmacology</i> , 2010 , 161, 1835-42	8.6	20
12	Urotensin II: a novel target in human corpus cavernosum. <i>Journal of Sexual Medicine</i> , 2010 , 7, 1778-86	1.1	11
11	Maternal adaptation in pregnant hypertensive rats: improvement of vascular and inflammatory variables and oxidative damage in the kidney. <i>American Journal of Hypertension</i> , 2009 , 22, 777-83	2.3	16
10	Hydrogen sulfide as a mediator of human corpus cavernosum smooth-muscle relaxation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4513-8	11.5	153
9	Insulin-loaded PLGA/cyclodextrin large porous particles with improved aerosolization properties: in vivo deposition and hypoglycaemic activity after delivery to rat lungs. <i>Journal of Controlled Release</i> , 2009 , 135, 25-34	11.7	141
8	Platelet cyclic guanosine monophosphate as a biomarker of phosphodiesterase type 5 inhibitor efficacy in the treatment of erectile dysfunction: a randomized placebo-controlled study. <i>European Urology</i> , 2009 , 56, 1067-73	10.2	15
7	Phenotypic modifications of vascular smooth muscle cells could be responsible for vascular hyporeactivity to contracting agent in mechanically injured rat carotid artery. <i>Atherosclerosis</i> , 2005 , 183, 213-21	3.1	5
6	Improvement of gliquidone hypoglycaemic effect in rats by cyclodextrin formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2004 , 23, 57-64	5.1	12
5	Cloricromene in endotoxemia: role of NF-kappaB. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 370, 140-5	3.4	3
4	Synthesis by microwave irradiation of a substituted benzoxazine parallel library with preferential relaxant activity for guinea pig trachealis. <i>European Journal of Medicinal Chemistry</i> , 2004 , 39, 815-26	6.8	33
3	Dexamethasone improves vascular hyporeactivity induced by LPS in vivo by modulating ATP-sensitive potassium channels activity. <i>British Journal of Pharmacology</i> , 2003 , 140, 91-6	8.6	20
2	Involvement of beta 3-adrenergic receptor activation via cyclic GMP- but not NO-dependent mechanisms in human corpus cavernosum function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5531-6	11.5	50
1	Dexamethasone modulates hypotension induced by opioids in anaesthetised rats. <i>European Journal of Pharmacology</i> , 2001 , 430, 79-85	5.3	7