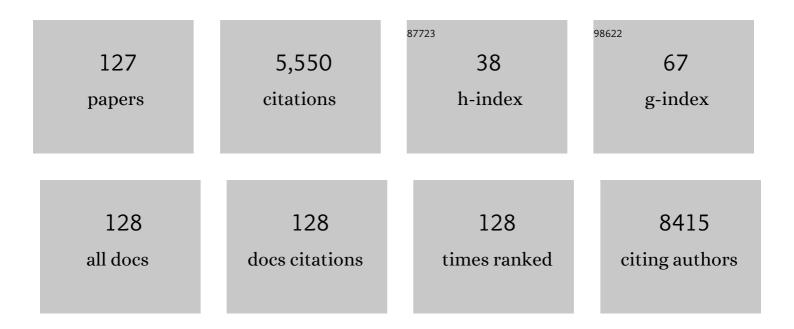
Salvatore Salomone

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Early Release of HMGB-1 from Neurons after the Onset of Brain Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 927-938.	2.4	363
2	Isoflavones: estrogenic activity, biological effect and bioavailability. European Journal of Drug Metabolism and Pharmacokinetics, 2013, 38, 15-25.	0.6	360
3	New pharmacological strategies for treatment of Alzheimer's disease: focus on disease modifying drugs. British Journal of Clinical Pharmacology, 2012, 73, 504-517.	1.1	253
4	Pronounced Hypoperfusion during Spreading Depression in Mouse Cortex. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 1172-1182.	2.4	165
5	The phosphorylation state of eNOS modulates vascular reactivity and outcome of cerebral ischemia in vivo. Journal of Clinical Investigation, 2007, 117, 1961-1967.	3.9	143
6	Obesity Increases Vascular Senescence and Susceptibility to Ischemic Injury Through Chronic Activation of Akt and mTOR. Science Signaling, 2009, 2, ra11.	1.6	140
7	Vascular sphingosine-1-phosphate S1P1 and S1P3 receptors. Drug News and Perspectives, 2004, 17, 365.	1.9	128
8	Eriodictyol prevents early retinal and plasma abnormalities in streptozotocin-induced diabetic rats. Biochemical Pharmacology, 2012, 84, 88-92.	2.0	126
9	Dopamine D3 receptor as a new pharmacological target for the treatment of depression. European Journal of Pharmacology, 2013, 719, 25-33.	1.7	115
10	S1P3 receptors mediate the potent constriction of cerebral arteries by sphingosine-1-phosphate. European Journal of Pharmacology, 2003, 469, 125-134.	1.7	110
11	Rho-Kinase Inhibition Acutely Augments Blood Flow in Focal Cerebral Ischemia via Endothelial Mechanisms. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 998-1009.	2.4	106
12	Ocular drug delivery: a clue from nanotechnology. Frontiers in Pharmacology, 2012, 3, 188.	1.6	94
13	Linking Notch signaling to ischemic stroke. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4856-4861.	3.3	92
14	Retinal and Circulating miRNAs in Age-Related Macular Degeneration: An In vivo Animal and Human Study. Frontiers in Pharmacology, 2017, 8, 168.	1.6	90
15	Current drug treatments targeting dopamine D3 receptor. , 2016, 165, 164-177.		87
16	Dopamine outside the brain: The eye, cardiovascular system and endocrine pancreas. , 2019, 203, 107392.		86
17	Regulation of Endothelial Nitric Oxide Synthase and Postnatal Angiogenesis by Rac1. Circulation Research, 2008, 103, 360-368.	2.0	82
18	Decreased vascular lesion formation in mice with inducible endothelial-specific expression of protein kinase Akt. Journal of Clinical Investigation, 2006, 116, 334-343.	3.9	74

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19	Molecular features of interaction between VEGFA and anti-angiogenic drugs used in retinal diseases: a computational approach. Frontiers in Pharmacology, 2015, 6, 248.	1.6	73
20	Cationic solid lipid nanoparticles enhance ocular hypotensive effect of melatonin in rabbit. International Journal of Pharmaceutics, 2015, 478, 180-186.	2.6	71
21	P2X7 receptor antagonism: Implications in diabetic retinopathy. Biochemical Pharmacology, 2017, 138, 130-139.	2.0	71
22	Role of phospholipases A2 in diabetic retinopathy: In vitro and in vivo studies. Biochemical Pharmacology, 2013, 86, 1603-1613.	2.0	67
23	Pharmacological management of ocular hypertension: current approaches and future prospective. Current Opinion in Pharmacology, 2013, 13, 50-55.	1.7	66
24	Selectivity and Specificity of Sphingosine-1-Phosphate Receptor Ligands: Caveats and Critical Thinking in Characterizing Receptor-Mediated Effects. Frontiers in Pharmacology, 2011, 2, 9.	1.6	64
25	Effect of silibinin on endothelial dysfunction and ADMA levels in obese diabetic mice. Cardiovascular Diabetology, 2011, 10, 62.	2.7	64
26	Aflibercept, bevacizumab and ranibizumab prevent glucose-induced damage in human retinal pericytes in vitro, through a PLA2/COX-2/VEGF-A pathway. Biochemical Pharmacology, 2015, 96, 278-287.	2.0	63
27	Homology Modeling of Dopamine D2 and D3 Receptors: Molecular Dynamics Refinement and Docking Evaluation. PLoS ONE, 2012, 7, e44316.	1.1	62
28	Off-Label Use of Drugs and Adverse Drug Reactions in Pediatric Units: A Prospective, Multicenter Study. Current Drug Safety, 2018, 13, 200-207.	0.3	62
29	1,4-Dihydropyridine Calcium Channel Blockers Inhibit Plasma and LDL Oxidation and Formation of Oxidation-Specific Epitopes in the Arterial Wall and Prolong Survival in Stroke-Prone Spontaneously Hypertensive Rats. Stroke, 1999, 30, 1907-1915.	1.0	61
30	Peripubertal cannabidiol treatment rescues behavioral and neurochemical abnormalities in the MAM model of schizophrenia. Neuropharmacology, 2019, 146, 212-221.	2.0	59
31	Role of Magnesium, Coenzyme Q10, Riboflavin, and Vitamin B12 in Migraine Prophylaxis. Vitamins and Hormones, 2004, 69, 297-312.	0.7	58
32	Aflibercept regulates retinal inflammation elicited by high glucose via the PIGF/ERK pathway. Biochemical Pharmacology, 2019, 168, 341-351.	2.0	57
33	A New Human Blood–Retinal Barrier Model Based on Endothelial Cells, Pericytes, and Astrocytes. International Journal of Molecular Sciences, 2020, 21, 1636.	1.8	54
34	Dopamine D3 Receptor Is Necessary for Ethanol Consumption: An Approach with Buspirone. Neuropsychopharmacology, 2014, 39, 2017-2028.	2.8	52
35	Computational systems biology approach to identify novel pharmacological targets for diabetic retinopathy. Biochemical Pharmacology, 2018, 158, 13-26.	2.0	43
36	Crosstalk between the transcriptional regulation of dopamine D2 and cannabinoid CB1 receptors in schizophrenia: Analyses in patients and in perinatal l"9-tetrahydrocannabinol-exposed rats. Pharmacological Research, 2021, 164, 105357.	3.1	43

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37	Sulodexide prevents activation of the PLA2/COX-2/VEGF inflammatory pathway in human retinal endothelial cells by blocking the effect of AGE/RAGE. Biochemical Pharmacology, 2017, 142, 145-154.	2.0	42
38	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. Neurobiology of Stress, 2021, 14, 100286.	1.9	42
39	Inhibition of Cerebral Vasoconstriction by Dantrolene and Nimodipine. Neurocritical Care, 2009, 10, 93-102.	1.2	41
40	Homocysteine Serum Levels in Diabetic Patients with Non Proliferative, Proliferative and without Retinopathy. BioMed Research International, 2014, 2014, 1-4.	0.9	40
41	MicroRNA target prediction in glaucoma. Progress in Brain Research, 2015, 220, 217-240.	0.9	40
42	Evidence for a direct interaction of thapsigargin with voltage-dependent Ca2+ channel. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 351, 40-5.	1.4	39
43	The selective norepinephrine reuptake inhibitor atomoxetine counteracts behavioral impairments in trimethyltin-intoxicated rats. European Journal of Pharmacology, 2012, 683, 148-154.	1.7	39
44	Fortified Extract of Red Berry, <i>Ginkgo biloba</i> , and White Willow Bark in Experimental Early Diabetic Retinopathy. Journal of Diabetes Research, 2013, 2013, 1-6.	1.0	39
45	TGF-β1 prevents rat retinal insult induced by amyloid-β (1–42) oligomers. European Journal of Pharmacology, 2016, 787, 72-77.	1.7	39
46	Blood-retinal barrier protection against high glucose damage: The role of P2X7 receptor. Biochemical Pharmacology, 2019, 168, 249-258.	2.0	39
47	Folate status in type 2 diabetic patients with and without retinopathy. Clinical Ophthalmology, 2015, 9, 1437.	0.9	37
48	Altered dopamine D3 receptor gene expression in MAM model of schizophrenia is reversed by peripubertal cannabidiol treatment. Biochemical Pharmacology, 2020, 177, 114004.	2.0	36
49	Action of the calcium channel blocker lacidipine on cardiac hypertrophy and endothelinâ€1 gene expression in strokeâ€prone hypertensive rats. British Journal of Pharmacology, 1996, 118, 659-664.	2.7	35
50	Effects of phenformin on the proliferation of human tumor cell lines. Life Sciences, 2003, 74, 643-650.	2.0	35
51	PACAP and VIP Inhibit the Invasiveness of Glioblastoma Cells Exposed to Hypoxia through the Regulation of HIFs and EGFR Expression. Frontiers in Pharmacology, 2016, 7, 139.	1.6	35
52	Polycystic Ovary Syndrome: Insights into the Therapeutic Approach with Inositols. Frontiers in Pharmacology, 2017, 8, 341.	1.6	35
53	Activation of the VEGF-A/ERK/PLA2 Axis Mediates Early Retinal Endothelial Cell Damage Induced by High Glucose: New Insight from an In Vitro Model of Diabetic Retinopathy. International Journal of Molecular Sciences, 2020, 21, 7528.	1.8	35
54	From Multi-Omics Approaches to Precision Medicine in Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2020, 14, 577755.	1.4	35

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55	Lacidipine Prevents Endothelial Dysfunction in Salt-Loaded Stroke-Prone Hypertensive Rats. Hypertension, 2001, 37, 1124-1128.	1.3	34
56	Topical Ocular Delivery of TGF-β1 to the Back of the Eye: Implications in Age-Related Neurodegenerative Diseases. International Journal of Molecular Sciences, 2017, 18, 2076.	1.8	34
57	Retinal Protection and Distribution of Curcumin in Vitro and in Vivo. Frontiers in Pharmacology, 2018, 9, 670.	1.6	34
58	Facilitation of the vasorelaxant action of calcium antagonists by basal nitric oxide in depolarized artery. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 354, 505-512.	1.4	32
59	Targeting cerebrovascular Rho-kinase in stroke. Expert Opinion on Therapeutic Targets, 2008, 12, 1547-1564.	1.5	32
60	Therapeutic Challenges of Post-traumatic Stress Disorder: Focus on the Dopaminergic System. Frontiers in Pharmacology, 2019, 10, 404.	1.6	32
61	Controversies in Glaucoma: Current Medical Treatment and Drug Development. Current Pharmaceutical Design, 2015, 21, 4673-4681.	0.9	32
62	MicroRNAs in the Vitreous Humor of Patients with Retinal Detachment and a Different Grading of Proliferative Vitreoretinopathy: A Pilot Study. Translational Vision Science and Technology, 2020, 9, 23.	1.1	30
63	Dopamine D3 receptor-dependent changes in alpha6 GABAA subunit expression in striatum modulate anxiety-like behaviour: Responsiveness and tolerance to diazepam. European Neuropsychopharmacology, 2015, 25, 1427-1436.	0.3	28
64	Integrative multi-omic analysis identifies new drivers and pathways in molecularly distinct subtypes of ALS. Scientific Reports, 2019, 9, 9968.	1.6	28
65	Long-term incubation with β-amyloid peptides impairs endothelium-dependent vasodilatation in isolated rat basilar artery. Pharmacological Research, 2010, 61, 157-161.	3.1	27
66	Vessel-specific role of sphingosine kinase 1 in the vasoconstriction of isolated basilar arteries. Pharmacological Research, 2010, 62, 465-474.	3.1	27
67	Dopamine, Cognitive Impairments and Second-Generation Antipsychotics: From Mechanistic Advances to More Personalized Treatments. Pharmaceuticals, 2020, 13, 365.	1.7	27
68	Gastroprotective effect of adrenomedullin administered subcutaneously in the rat. Peptides, 2002, 23, 1149-1153.	1.2	26
69	Regulation of vascular tone in rabbit ophthalmic artery: Cross talk of endogenous and exogenous gas mediators. Biochemical Pharmacology, 2014, 92, 661-668.	2.0	26
70	Effects of topical indomethacin, bromfenac and nepafenac on lipopolysaccharide-induced ocular inflammationâ€. Journal of Pharmacy and Pharmacology, 2014, 66, 954-960.	1.2	25
71	Dysregulation of miR-15a-5p, miR-497a-5p and miR-511-5p Is Associated with Modulation of BDNF and FKBP5 in Brain Areas of PTSD-Related Susceptible and Resilient Mice. International Journal of Molecular Sciences, 2021, 22, 5157.	1.8	25
72	Pericyte-like differentiation of human adipose-derived mesenchymal stem cells: An <i>in vitro</i> study. World Journal of Stem Cells, 2020, 12, 1152-1170.	1.3	25

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73	Calcium antagonists and endothelial function: Focus on nitric oxide and endothelin. Cardiovascular Drugs and Therapy, 1996, 10, 439-446.	1.3	24
74	Buspirone Counteracts MK-801-Induced Schizophrenia-Like Phenotypes through Dopamine D3 Receptor Blockade. Frontiers in Pharmacology, 2017, 8, 710.	1.6	24
75	Effects of 8â€bromo cyclic GMP and verapamil on depolarizationâ€evoked Ca ²⁺ signal and contraction in rat aorta. British Journal of Pharmacology, 1995, 114, 1731-1737.	2.7	23
76	Functional Reduction and Associated Cellular Rearrangement in SHRSP Rat Basilar Arteries Are Affected by Salt Load and Calcium Antagonist Treatment. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 517-527.	2.4	23
77	Lipoprotein(a) Serum Levels in Diabetic Patients with Retinopathy. BioMed Research International, 2013, 2013, 1-5.	0.9	23
78	New drugs in psychiatry: focus on new pharmacological targets. F1000Research, 2017, 6, 397.	0.8	23
79	Acetyl-L-Carnitine Supplementation During HCV Therapy With Pegylated Interferon-α2b Plus Ribavirin: Effect on Work Performance. A Randomized Clinical Trial. Hepatitis Monthly, 2014, 14, e11608.	0.1	22
80	Role of nitric oxide in the contractile response to 5-hydroxytryptamine of the basilar artery from Wistar Kyoto and stroke-prone rats. British Journal of Pharmacology, 1997, 121, 1051-1058.	2.7	21
81	Effects of novel hybrids of caffeic acid phenethyl ester and NSAIDs on experimental ocular inflammation. European Journal of Pharmacology, 2015, 752, 78-83.	1.7	20
82	Neuroprotection Mediated by Upregulation of Endothelial Nitric Oxide Synthase in Rho-Associated, Coiled-Coil-Containing Kinase 2 Deficient Mice. Circulation Journal, 2018, 82, 1195-1204.	0.7	20
83	Secretory and vascular effects of adrenomedullin in gastric ulcer: role of CGRP- and adrenomedullin-receptors. Peptides, 2003, 24, 1175-1180.	1.2	19
84	Health policy model: long-term predictive results associated with the management of hepatitis C virus-induced diseases in Italy. ClinicoEconomics and Outcomes Research, 2014, 6, 303.	0.7	19
85	Effect of prolonged incubation with copper on endothelium-dependent relaxation in rat isolated aorta. British Journal of Pharmacology, 2002, 136, 1185-1193.	2.7	18
86	Effects of Topical Fucosyl-Lactose, a Milk Oligosaccharide, on Dry Eye Model: An Example of Nutraceutical Candidate. Frontiers in Pharmacology, 2015, 6, 280.	1.6	18
87	Dopaminergic-GABAergic interplay and alcohol binge drinking. Pharmacological Research, 2019, 141, 384-391.	3.1	18
88	Apixaban Enhances Vasodilatation Mediated by Protease-Activated Receptor 2 in Isolated Rat Arteries. Frontiers in Pharmacology, 2017, 8, 480.	1.6	17
89	Multidisciplinary Approach to the Diagnosis and In-Hospital Management of COVID-19 Infection: A Narrative Review. Frontiers in Pharmacology, 2020, 11, 572168.	1.6	17
90	Radioligand and functional estimates of the interaction of the 1,4-dihydropyridines, isradipine and lacidipine, with calcium channels in smooth muscle. British Journal of Pharmacology, 1993, 109, 100-106.	2.7	16

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91	Pleiotropic Effects of Glitazones: A Double Edge Sword?. Frontiers in Pharmacology, 2011, 2, 14.	1.6	16
92	Reversible inhibition of vasoconstriction by thiazolidinediones related to PI3K/Akt inhibition in vascular smooth muscle cells. Biochemical Pharmacology, 2013, 85, 551-559.	2.0	16
93	Regulation of intraocular pressure in mice: Structural analysis of dopaminergic and serotonergic systems in response to cabergoline. Biochemical Pharmacology, 2013, 86, 1347-1356.	2.0	16
94	Effects of adrenomedullin on the contraction of gastric arteries during reserpine-induced gastric ulcer. Peptides, 2003, 24, 117-122.	1.2	14
95	Behavioural and neurochemical changes induced by stress-related conditions are counteracted by the neurokinin-2 receptor antagonist saredutant. International Journal of Neuropsychopharmacology, 2013, 16, 813-823.	1.0	14
96	The Role of Regional Anesthesia During the SARS-CoV2 Pandemic: Appraisal of Clinical, Pharmacological and Organizational Aspects. Frontiers in Pharmacology, 2021, 12, 574091.	1.6	13
97	Effects of PPARÎ ³ Ligands on Vascular Tone. Current Molecular Pharmacology, 2012, 5, 282-291.	0.7	13
98	Epigenetic drugs for <scp>A</scp> lzheimer's disease: hopes and challenges. British Journal of Clinical Pharmacology, 2013, 75, 1154-1155.	1.1	12
99	Clinical Pharmacology of Novel Anti-Alzheimer Disease Modifying Medications. Current Topics in Medicinal Chemistry, 2013, 13, 1853-1863.	1.0	12
100	A therapeutic dosage of amlodipine prevents vascular hyporeactivity induced in rats by lipopolysaccharide. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 357, 252-259.	1.4	11
101	Isolation, cultivation, and characterization of primary bovine cochlear pericytes: A new in vitro model of stria vascularis. Journal of Cellular Physiology, 2019, 234, 1978-1986.	2.0	10
102	Binding sites for 1,4-dihydropyridine Ca2+-channel modulators in rat intestinal smooth muscle. Naunyn-Schmiedeberg's Archives of Pharmacology, 1991, 344, 698-705.	1.4	9
103	Endothelium-dependent vasomotor effects of telmisartan in isolated rat femoral arteries. Pharmacological Research, 2011, 63, 199-206.	3.1	9
104	Parasomnias, sleep-related movement disorders and physiological sleep variants in focal epilepsy: A polysomnographic study. Seizure: the Journal of the British Epilepsy Association, 2020, 81, 84-90.	0.9	9
105	Effects of protein-protein interface disruptors at the ligand of the glucocorticoid-induced tumor necrosis factor receptor-related gene (GITR). Biochemical Pharmacology, 2020, 178, 114110.	2.0	9
106	Metal fume fever. Lancet, The, 2013, 381, 2298.	6.3	7
107	Ambiguities in dietary antioxidant supplementation compared to calcium channel blockers therapy. Frontiers in Pharmacology, 2015, 6, 10.	1.6	7
108	Safety of Antiplatelet Agents: Analysis of †̃Real-World' Data from the Italian National Pharmacovigilance Network. Clinical Drug Investigation, 2017, 37, 1067-1081.	1.1	7

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109	Clinical and CN-SFEMG evaluation of neostigmine test in myasthenia gravis. Neurological Sciences, 2018, 39, 341-345.	0.9	7
110	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972.	1.6	7
111	Pharmacokinetics of a new subcutaneous diclofenac formulation administered to three body sites: quadriceps, gluteus, and abdomen. International Journal of Clinical Pharmacology and Therapeutics, 2014, 52, 129-134.	0.3	7
112	Safety profile assessment of buflomedil: an overview of adverse reactions between 1975 and 2011. Pharmacoepidemiology and Drug Safety, 2012, 21, 1190-1196.	0.9	6
113	Asymmetry index of Blink Reflex Recovery Cycle differentiates Parkinson's disease from atypical Parkinsonian syndromes. Journal of Neurology, 2020, 267, 1859-1863.	1.8	6
114	Activity of dihydrothienopyridine S312 enantiomers on L-type Ca2+ channels in isolated rat aorta and cerebral microvessels. European Journal of Pharmacology, 1993, 231, 435-442.	1.7	5
115	Pharmacokinetic Characterization of Tizanidine Nasal Spray, a Novel Intranasal Delivery Method for the Treatment of Skeletal Muscle Spasm. Clinical Drug Investigation, 2013, 33, 885-891.	1.1	5
116	Linking the Price of Cancer Drug Treatments to Their Clinical Value. Clinical Drug Investigation, 2016, 36, 579-589.	1.1	5
117	Analytical and Experimental Pharmacology, Challenges Ahead. Frontiers in Pharmacology, 2010, 1, 119.	1.6	4
118	Genomic Portrait of a Sporadic Amyotrophic Lateral Sclerosis Case in a Large Spinocerebellar Ataxia Type 1 Family. Journal of Personalized Medicine, 2020, 10, 262.	1.1	3
119	Work Productivity and Activity Impairment in Breast Cancer Patients Treated with Capecitabine. Journal of Cancer Therapy, 2013, 04, 1224-1227.	0.1	3
120	Work Productivity and Activity Impairment in Colorectal Cancer Patients Treated with Capecitabine. Journal of Cancer Therapy, 2013, 04, 1198-1202.	0.1	3
121	Sphingosine-1-phosphate and Sphingosine-1-phosphate receptors in the cardiovascular system: pharmacology and clinical implications. Advances in Pharmacology, 2022, , 95-139.	1.2	3
122	Drugs that reverse chloroquine resistance in malaria. Trends in Pharmacological Sciences, 1990, 11, 475-476.	4.0	2
123	Pharmacological and Genetic Evidence of Dopamine Receptor 3-Mediated Vasoconstriction in Isolated Mouse Aorta. Biomolecules, 2021, 11, 418.	1.8	2
124	Editorial: Insights in Experimental Pharmacology and Drug Discovery: 2021. Frontiers in Pharmacology, 2022, 13, 870830.	1.6	1
125	Validation of the Glasgow Antipsychotic Side-Effect Scale (GASS) in an Italian Sample of Patients with Stable Schizophrenia and Bipolar Spectrum Disorders. Brain Sciences, 2022, 12, 891.	1.1	1
126	Potential drug mechanism(s) targeting the contractile status of hepatic stellate cells. Frontiers in Pharmacology, 2012, 3, 187.	1.6	0

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127	Therapeutic Potential of Nitric Oxide Modulation in Ocular Diseases: A Focus on Novel NO-Releasing Molecules. , 2019, , 333-334.		0