Mustafa Ark

List of Publications by Year
in descending order

34	431	687363 13	752698 20
papers	citations	h-index	g-index

34	34	34	599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expression of Rho-kinase and its functional role in the contractile activity of the mouse vas deferens. British Journal of Pharmacology, 2003, 140, 743-749.	5.4	47
2	Ouabain-induced apoptosis and Rho kinase: a novel caspase-2 cleavage site and fragment of Rock-2. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1494-1506.	4.9	39
3	Nitric oxide production by human umbilical vessels in severe pre-eclampsia. Journal of Hypertension, 1994, 12, 1235???1242.	0.5	36
4	Involvement of Rho kinase (ROCK) in sepsis-induced acute lung injury. Journal of Thoracic Disease, 2012, 4, 30-9.	1.4	33
5	Gemcitabine hydrochloride-loaded liposomes and nanoparticles: comparison of encapsulation efficiency, drug release, particle size, and cytotoxicity. Pharmaceutical Development and Technology, 2018, 23, 76-86.	2.4	27
6	Rho-kinase expression and its contribution to the control of perfusion pressure in the isolated rat mesenteric vascular bed. European Journal of Pharmacology, 2004, 485, 263-268.	3.5	21
7	xCELLigence Real Time Cell Analysis System: A New Method for Cell Proliferation and Cytotoxicity. Niche Journal, 2014, 2, 15-17.	0.4	21
8	Synthesis and Pharmacological Evaluation of Some Novel Thebaine Derivatives: Nâ€(Tetrazolâ€1Hâ€5â€yl)â€6,14â€endoethenotetrahydrothebaine Incorporating the 1,3,4â€Oxadiazole or the 1,3,4â€Thiadiazole Moiety. Archiv Der Pharmazie, 2013, 346, 455-462.	4.2	17
9	Effects of HA-1077 and Y-27632, Two Rho-Kinase Inhibitors, in the Human Umbilical Artery. Cell Biochemistry and Biophysics, 2004, 41, 331-342.	1.8	16
10	Analgesic Activity ofCistus laurifoliusin Mice. Pharmaceutical Biology, 2004, 42, 176-178.	2.9	14
11	Upregulation of Rho-kinase (ROCK-2) expression and enhanced contraction to endothelin-1 in the mesenteric artery from lipopolysaccharide-treated rats. European Journal of Pharmacology, 2004, 498, 211-217.	3.5	14
12	Cardiac glycoside-induced cell death and Rho/Rho kinase pathway: Implication of different regulation in cancer cell lines. Steroids, 2016, 109, 29-43.	1.8	14
13	Novel palladium(II) complexes of N-(5-nitro-salicylidene)-Schiff bases: Synthesis, spectroscopic characterization and cytotoxicity investigation. Journal of Molecular Structure, 2020, 1207, 127852.	3.6	14
14	Promising anticancer activity of Cyclotrichium niveum L. extracts through induction of both apoptosis and necrosis. Food and Chemical Toxicology, 2017, 109, 898-909.	3.6	13
15	Effects of cyclooxygenase and lipoxygenase inhibitors on digoxin-induced arrhythmias and haemodynamics in guinea-pigs. Pharmacological Research, 1992, 26, 305-316.	7.1	12
16	Mediation of nitric oxide from photosensitive stores in the photorelaxation of the rabbit corpus cavernosum. European Journal of Pharmacology, 2003, 459, 263-267.	3.5	12
17	Involvement of rho kinase in the ouabain-induced contractions of the rat renal arteries. Biochemical and Biophysical Research Communications, 2006, 340, 417-421.	2.1	9
18	The connection between the cardiac glycosideâ€induced senescent cell morphology and Rho/Rho kinase pathway. Cytoskeleton, 2018, 75, 461-471.	2.0	9

#	Article	IF	Citations
19	The implication of ROCK 2 as a potential senotherapeutic target via the suppression of the harmful effects of the SASP: Do senescent cancer cells really engulf the other cells?. Cellular Signalling, 2021, 84, 110007.	3.6	9
20	Nitric Oxide Does Not Downregulate Rho-Kinase (ROCK-2) Expression in Rat Coronary Endothelial Cells. Journal of Cardiovascular Pharmacology, 2008, 51, 140-147.	1.9	8
21	Ouabain induces Rho-dependent rock activation and membrane blebbing in cultured endothelial cells. Molecular Biology, 2015, 49, 138-143.	1.3	8
22	The Effect of Taurine on the Relationship Between NO, ADMA and Homocysteine in Endotoxin-Mediated Inflammation in HUVEC Cultures. Inflammation, 2014, 37, 1439-1443.	3.8	7
23	Short-Term Stretch Translocates the Î±-1-subunit of the Na Pump to Plasma Membrane. Cell Biochemistry and Biophysics, 2003, 38, 23-32.	1.8	6
24	A novel ROCK inhibitor: off-target effects of metformin. Turkish Journal of Biology, 2021, 45, 35-45.	0.8	6
25	Atorvastatin acutely reduces the reactivity to spasmogens in rat aorta: implication of the inhibition of geranylgeranylation and ‹scp›MYPT‹/scp›â€1 phosphorylation. Fundamental and Clinical Pharmacology, 2016, 30, 96-106.	1.9	5
26	Chronic ouabain treatment induces Rho kinase activation. Archives of Pharmacal Research, 2015, 38, 1897-1905.	6.3	4
27	Antimigratory effect of pyrazole derivatives through the induction of STAT1 phosphorylation in A549 cancer cells. Journal of Pharmacy and Pharmacology, 2021, 73, 808-815.	2.4	3
28	Diurnal Temporal Blood H2S Variations Correlate with the Circadian Rhythm of Vascular Contraction and Blood Pressure. International Journal of Pharmacology, 2016, 12, 587-596.	0.3	2
29	Effect of Finishing-Polishing Procedures on Cytotoxicity of Resin-Based Restorative Materials via Real-Time Cell Analysis. Journal of Clinical Pediatric Dentistry, 2022, 46, 24-29.	1.0	2
30	Comparison of spectrophotometric, HPLC and chemilumines-cence methods for 3-nitrotyrosine and peroxynitrite interaction. Archives of Pharmacal Research, 2005, 28, 358-363.	6.3	1
31	A novel proteolytic cleavage of ROCK 1 in cell death: Not only by caspases 3 and 7 but also by caspase 2. Biochemical and Biophysical Research Communications, 2021, 547, 118-124.	2.1	1
32	Antioxidant and Cytotoxic Activity Studies in Series of Higher Amino Acid Schiff Bases. Gazi University Journal of Science, 0, , 1-1.	1.2	1
33	The Relationship Between NO, ADMA and Homocysteine in Endotoxin-Mediated Inflammation in HUVEC Cultures. Turkish Journal of Biochemistry, 2013, 38, 258-261.	0.5	0
34	Rock Inhibition Reduces Senescent Cell Size. FASEB Journal, 2013, 27, .	0.5	0