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List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

554
citations

516215

16
h-index

610482

24
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26
all docs

26
docs citations

26
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	The matrix metalloproteinases 2 and 9 initiate uraemic vascular calcifications. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 789-797.	0.4	50
2	Chronic kidney disease induces a systemic microangiopathy, tissue hypoxia and dysfunctional angiogenesis. <i>Scientific Reports</i> , 2018, 8, 5317.	1.6	46
3	The alpha 2 chain of collagen type VI sequesters latent proforms of matrix-metalloproteinases and modulates their activation and activity. <i>Matrix Biology</i> , 2009, 28, 480-489.	1.5	42
4	Wideband MRE and static mechanical indentation of human liver specimen: Sensitivity of viscoelastic constants to the alteration of tissue structure in hepatic fibrosis. <i>Journal of Biomechanics</i> , 2014, 47, 1665-1674.	0.9	41
5	An active extract of <i>Lindera obtusiloba</i> inhibits adipogenesis via sustained Wnt signaling and exerts anti-inflammatory effects in the 3T3-L1 preadipocytes. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 1170-1177.	1.9	32
6	Wnt signaling contributes to vascular calcification by induction of matrix metalloproteinases. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 185.	0.7	31
7	The Elongated First Fibronectin Type III Domain of Collagen XIV Is an Inducer of Quiescence and Differentiation in Fibroblasts and Preadipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 38537-38543.	1.6	30
8	Inhibition of vascular calcification by block of intermediate conductance calcium-activated potassium channels with TRAM-34. <i>Pharmacological Research</i> , 2014, 85, 6-14.	3.1	28
9	K ⁺ channel inhibition reduces portal perfusion pressure in fibrotic rats and fibrosis associated characteristics of hepatic stellate cells. <i>Liver International</i> , 2015, 35, 1244-1252.	1.9	27
10	The lignan (+)-episesamin interferes with TNF- α -induced activation of VSMC via diminished activation of NF- κ B, ERK1/2 and AKT and decreased activity of gelatinases. <i>Acta Physiologica</i> , 2015, 213, 642-652.	1.8	26
11	A hepatoprotective <i>Lindera obtusiloba</i> extract suppresses growth and attenuates insulin like growth factor-1 receptor signaling and NF-kappaB activity in human liver cancer cell lines. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 39.	3.7	25
12	Extracts of <i>Lindera obtusiloba</i> induce antifibrotic effects in hepatic stellate cells via suppression of a TGF- β -mediated profibrotic gene expression pattern. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 597-606.	1.9	24
13	(+)-Episesamin inhibits adipogenesis and exerts anti-inflammatory effects in 3T3-L1 (pre)adipocytes by sustained Wnt signaling, down-regulation of PPAR γ 3 and induction of iNOS. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 550-555.	1.9	21
14	Uraemic extracellular vesicles augment osteogenic transdifferentiation of vascular smooth muscle cells via enhanced AKT signalling and PTPN1 expression. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5602-5614.	1.6	21
15	Hydroxyproline-containing collagen analogs trigger the release and activation of collagen-sequestered proMMP-2 by competition with prodomain-derived peptide P33-42. <i>Fibrogenesis and Tissue Repair</i> , 2011, 4, 1.	3.4	20
16	The inhibitor of Ca ²⁺ -dependent K ⁺ channels TRAM-34 blocks growth of hepatocellular carcinoma cells via downregulation of estrogen receptor alpha mRNA and nuclear factor-kappaB. <i>Investigational New Drugs</i> , 2013, 31, 452-457.	1.2	16
17	(+)-Episesamin exerts anti-neoplastic effects in human hepatocellular carcinoma cell lines via suppression of nuclear factor-kappa B and inhibition of MMP-9. <i>Investigational New Drugs</i> , 2012, 30, 2087-2095.	1.2	14
18	Reduced Microvascular Density in Omental Biopsies of Children with Chronic Kidney Disease. <i>PLoS ONE</i> , 2016, 11, e0166050.	1.1	13

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19	Arterial tissue transcriptional profiles associate with tissue remodeling and cardiovascular phenotype in children with end-stage kidney disease. <i>Scientific Reports</i> , 2019, 9, 10316.	1.6	12
20	Collagen XIV and a related recombinant fragment protect human vascular smooth muscle cells from calcium-/phosphate-induced osteochondrocytic transdifferentiation. <i>Experimental Cell Research</i> , 2017, 358, 242-252.	1.2	11
21	The synthetic hydroxyproline-containing collagen analogue (Gly-Pro-Hyp) ₁₀ promotes enzymatic activity of matrix metalloproteinase-2 in vitro. <i>European Journal of Microbiology and Immunology</i> , 2012, 2, 186-191.	1.5	9
22	<i>Lindera obtusiloba</i> Extract Blocks Calcium-/Phosphate-Induced Transdifferentiation and Calcification of Vascular Smooth Muscle Cells and Interferes with Matrix Metalloproteinase-2 and Metalloproteinase-9 and NF- κ B. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	8
23	Absolute Configuration of Antifibrotic (+)-Episesamin Isolated from <i>Lindera obtusiloba</i> BLUME. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 460-464.	0.6	3
24	Protective effects of the polyphenols (+)-episesamin and sesamin against PDGF-BB-induced activation of vascular smooth muscle cells are mediated by induction of haem oxygenase-1 and inhibition of mitogenic signalling. <i>Journal of Functional Foods</i> , 2015, 18, 586-597.	1.6	3
25	Alpha-single chains of collagen type VI inhibit the fibrogenic effects of triple helical collagen VI in hepatic stellate cells. <i>PLoS ONE</i> , 2021, 16, e0254557.	1.1	1