

Maurizio Onisto

List of Publications by Year in descending order

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78
papers

2,938
citations

172386

29
h-index

197736

49
g-index

83
all docs

83
docs citations

83
times ranked

3016
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal effect of severe hypoxia evaluated By NGAL measurements: An in vivo and in vitro study. <i>Urologia</i> , 2022, 89, 38-43.	0.3	0
2	Heparanase as active player in endothelial glycocalyx remodeling. <i>Matrix Biology Plus</i> , 2022, 13, 100097.	1.9	10
3	Fibrosis of Peritoneal Membrane as Target of New Therapies in Peritoneal Dialysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4831.	1.8	18
4	Endothelial Glycocalyx as a Regulator of Fibrotic Processes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2996.	1.8	14
5	A guide to the composition and functions of the extracellular matrix. <i>FEBS Journal</i> , 2021, 288, 6850-6912.	2.2	320
6	Biological Effects of XyloCore, a Glucose Sparing PD Solution, on Mesothelial Cells: Focus on Mesothelial-Mesenchymal Transition, Inflammation and Angiogenesis. <i>Nutrients</i> , 2021, 13, 2282.	1.7	10
7	Editorial: Mechanisms of Cell Adhesion in Hematopoietic Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 826554.	1.8	0
8	Role of heparanase in tumor progression: Molecular aspects and therapeutic options. <i>Seminars in Cancer Biology</i> , 2020, 62, 86-98.	4.3	64
9	Evaluation of lumican effects on morphology of invading breast cancer cells, expression of integrins and downstream signaling. <i>FEBS Journal</i> , 2020, 287, 4862-4880.	2.2	26
10	Impact of Heparanase on Organ Fibrosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 669-684.	0.8	10
11	Long filopodia and tunneling nanotubes define new phenotypes of breast cancer cells in 3D cultures. <i>Matrix Biology Plus</i> , 2020, 6-7, 100026.	1.9	29
12	Molecular size-dependent specificity of hyaluronan on functional properties, morphology and matrix composition of mammary cancer cells. <i>Matrix Biology Plus</i> , 2019, 3, 100008.	1.9	31
13	Collagen Fiber Array of Peritumoral Stroma Influences Epithelial-to-Mesenchymal Transition and Invasive Potential of Mammary Cancer Cells. <i>Journal of Clinical Medicine</i> , 2019, 8, 213.	1.0	31
14	In vitro effects of interleukin (IL)-1 beta inhibition on the epithelial-to-mesenchymal transition (EMT) of renal tubular and hepatic stellate cells. <i>Journal of Translational Medicine</i> , 2019, 17, 12.	1.8	57
15	Heparanase regulates the M1 polarization of renal macrophages and their crosstalk with renal epithelial tubular cells after ischemia/reperfusion injury. <i>FASEB Journal</i> , 2018, 32, 742-756.	0.2	38
16	Inhibition of heparanase protects against chronic kidney dysfunction following ischemia/reperfusion injury. <i>Oncotarget</i> , 2018, 9, 36185-36201.	0.8	20
17	Heparanase: A Multitasking Protein Involved in Extracellular Matrix (ECM) Remodeling and Intracellular Events. <i>Cells</i> , 2018, 7, 236.	1.8	67
18	Specific heparanase inhibition reverses glucose-induced mesothelial-to-mesenchymal transition. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw403.	0.4	22

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19	A novel role for heparanase in the onset of liver fibrosis. <i>Digestive and Liver Disease</i> , 2017, 49, e20-e21.	0.4	0
20	SO011HEPARANASE REGULATES RENAL MACROPHAGE INFILTRATION AND M1 POLARIZATION AFTER ISCHEMIA/REPERFUSION INJURY. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, iii6-iii6.	0.4	4
21	Heparanase and macrophage interplay in the onset of liver fibrosis. <i>Scientific Reports</i> , 2017, 7, 14956.	1.6	46
22	Involvement of heparanase in the pathogenesis of acute kidney injury: nephroprotective effect of PG545. <i>Oncotarget</i> , 2017, 8, 34191-34204.	0.8	32
23	Lorenzo Gotte (1926-1991): a pioneer of elastin. <i>European Journal of Histochemistry</i> , 2016, 60, 2713.	0.6	0
24	MPO94EVEROLIMUS-INDUCED EPITHELIAL TO MESENCHYMAL TRANSITION IN BRONCHIAL AND PULMONARY CELLS: WHEN THE DOSAGE DOES MATTER IN TRANSPLANTATION. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i373-i373.	0.4	0
25	MPO79HEPARANASE: A POTENTIAL NEW FACTOR INVOLVED IN THE PRO-FIBROTIC RENAL BIOLOGICAL MACHINERY ACTIVATED BY THE ISCHEMIA-REPERFUSION INJURY. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i368-i369.	0.4	0
26	Everolimus-induced epithelial to mesenchymal transition (EMT) in bronchial/pulmonary cells: when the dosage does matter in transplantation. <i>Journal of Nephrology</i> , 2016, 29, 881-891.	0.9	23
27	Estrogen receptor beta modulates breast cancer cells functional properties, signaling and expression of matrix molecules. <i>Matrix Biology</i> , 2016, 56, 4-23.	1.5	66
28	Heparanase: another renal player controlled by vitamin D. <i>Journal of Pathology</i> , 2016, 238, 7-9.	2.1	4
29	Heparanase: A Potential New Factor Involved in the Renal Epithelial Mesenchymal Transition (EMT) Induced by Ischemia/Reperfusion (I/R) Injury. <i>PLoS ONE</i> , 2016, 11, e0160074.	1.1	47
30	Heparanase in NASH: Is it an useful marker of fibrogenesis?. <i>Digestive and Liver Disease</i> , 2015, 47, e223.	0.4	0
31	Impact of heparanase on renal fibrosis. <i>Journal of Translational Medicine</i> , 2015, 13, 181.	1.8	41
32	Sulodexide alone or in combination with low doses of everolimus inhibits the hypoxia-mediated epithelial to mesenchymal transition in human renal proximal tubular cells. <i>Journal of Nephrology</i> , 2015, 28, 431-440.	0.9	12
33	Recent data concerning heparanase: focus on fibrosis, inflammation and cancer. <i>Biomolecular Concepts</i> , 2015, 6, 415-421.	1.0	33
34	Heparanase is a key player in renal fibrosis by regulating TGF- β 2 expression and activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2122-2128.	1.9	60
35	Heparanase as a Target in Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2014, 14, 286-293.	0.8	31
36	Everolimus-induced epithelial to mesenchymal transition in immortalized human renal proximal tubular epithelial cells: key role of heparanase. <i>Journal of Translational Medicine</i> , 2013, 11, 292.	1.8	24

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37	Human amniotic fluid stem cells protect rat lungs exposed to moderate hyperoxia. <i>Pediatric Pulmonology</i> , 2013, 48, 1070-1080.	1.0	50
38	Heparanase and Syndecan-1 Interplay Orchestrates Fibroblast Growth Factor-2-induced Epithelial-Mesenchymal Transition in Renal Tubular Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 1478-1488.	1.6	88
39	A new mechanism of action of sulodexide in diabetic nephropathy: inhibits heparanase-1 and prevents FGF-2-induced renal epithelial-mesenchymal transition. <i>Journal of Translational Medicine</i> , 2012, 10, 213.	1.8	60
40	L-citrulline Prevents Alveolar and Vascular Derangement in a Rat Model of Moderate Hyperoxia-induced Lung Injury. <i>Lung</i> , 2012, 190, 419-430.	1.4	35
41	Fluoxetine may worsen hyperoxia-induced lung damage in neonatal rats. <i>Histology and Histopathology</i> , 2012, 27, 1599-610.	0.5	17
42	Antidepressant hyperforin up-regulates VEGF in CNS tumour cells. <i>Pharmacological Research</i> , 2011, 63, 37-43.	3.1	10
43	Biobanks between Common Good and Private Interest: The Example of Umbilical Cord Blood Private Biobanks. <i>Recent Patents on DNA & Gene Sequences</i> , 2011, 5, 166-168.	0.7	3
44	Regulation of heparanase by albumin and advanced glycation end products in proximal tubular cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1475-1482.	1.9	43
45	MGMT promoter methylation in pediatric high-grade gliomas. <i>Child's Nervous System</i> , 2011, 27, 7-8.	0.6	4
46	Discrimination Between Human and Animal DNA. <i>American Journal of Forensic Medicine and Pathology</i> , 2011, 32, 180-182.	0.4	4
47	Heparanase activity in alveolar and embryonal rhabdomyosarcoma: implications for tumor invasion. <i>BMC Cancer</i> , 2009, 9, 304.	1.1	30
48	Transcriptional regulation of hypoxia-inducible factor 1 α by HIPK2 suggests a novel mechanism to restrain tumor growth. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 368-377.	1.9	48
49	The Story of SPATA2 (Spermatogenesis-Associated Protein 2): From Sertoli Cells to Pancreatic Beta-Cells. <i>Current Genomics</i> , 2009, 10, 361-363.	0.7	10
50	Functional VEGF and VEGF receptors are expressed in human medulloblastomas. <i>Neuro-Oncology</i> , 2007, 9, 384-392.	0.6	53
51	Zebrafish spata2 is expressed at early developmental stages. <i>International Journal of Developmental Biology</i> , 2007, 51, 241-246.	0.3	7
52	Expression and activity of vascular endothelial growth factor and metalloproteinases in alveolar and embryonal rhabdomyosarcoma cell lines. <i>International Journal of Oncology</i> , 2005, 27, 791-8.	1.4	24
53	Cloning and characterization of the promoter region of human spata2 (spermatogenesis-associated) Tj ETQq1 1 0.784314 rgBT /Over	2.4	88
54	Expression of Matrix Metalloproteases (MMP-2, MT1-MMP) and Their Tissue Inhibitor (TIMP-2) by Rat Sertoli Cells in Culture: Implications for Spermatogenesis. <i>Biological Chemistry</i> , 2002, 383, 235-9.	1.2	25

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55	Evidence for FSH-Dependent Upregulation of SPATA2 (Spermatogenesis-Associated Protein 2). <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 86-92.	1.0	15
56	A novel gene (PD1) with a potential role on rat spermatogenesis. <i>Journal of Endocrinological Investigation</i> , 2000, 23, 605-608.	1.8	10
57	Y Chromosome Microdeletions in Cryptorchidism and Idiopathic Infertility*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3660-3665.	1.8	74
58	cDNA Cloning and Characterization of PD1: A Novel Human Testicular Protein with Different Expressions in Various Testiculopathies. <i>Experimental Cell Research</i> , 1999, 248, 620-626.	1.2	21
59	Absence of testicular DAZ gene expression in idiopathic severe testiculopathies. <i>Human Reproduction</i> , 1999, 14, 2286-2292.	0.4	27
60	Y Chromosome Microdeletions in Cryptorchidism and Idiopathic Infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3660-3665.	1.8	67
61	TIMP-2 over-expression reduces invasion and angiogenesis and protects B16F10 melanoma cells from apoptosis. , 1998, 75, 246-253.		231
62	Expression Study on D123 Gene Product: Evidence for High Positivity in Testis. <i>Experimental Cell Research</i> , 1998, 242, 451-459.	1.2	3
63	Effect of glucose and heparin on mesangial alpha 1(IV)COLL and MMP- 2/TIMP-2 mRNA expression. <i>Nephrology Dialysis Transplantation</i> , 1997, 12, 443-448.	0.4	24
64	Recombinant human TIMP-3 from <i>Escherichia coli</i> : synthesis, refolding, physico-chemical and functional insights. <i>Protein Engineering, Design and Selection</i> , 1997, 10, 593-599.	1.0	20
65	CNTF up-regulation of TIMP-2 in neuroblastoma cells. <i>Molecular Brain Research</i> , 1997, 48, 30-36.	2.5	10
66	Control of type IV collagenase activity by components of the urokinase-plasmin system: a regulatory mechanism with cell-bound reactants. <i>EMBO Journal</i> , 1997, 16, 2319-2332.	3.5	370
67	Suppression of metastatic potential and up-regulation of gelatinases and uPA in LLC by protracted in vivo treatment with dacarbazine or razoxane. , 1997, 72, 1056-1061.		1
68	Down-regulation of tumour gelatinase/inhibitor balance and preservation of tumour endothelium by an anti-metastatic ruthenium complex. , 1996, 68, 60-66.		68
69	gelatinase A/TIMP-2 imbalance in lymph-node-positive breast carcinomas, as measured by RT-PCR. <i>International Journal of Cancer</i> , 1995, 63, 621-626.	2.3	61
70	Synthesis and refolding of human TIMP-2 from <i>E. coli</i> , with specific activity for MMP-2. <i>FEBS Letters</i> , 1995, 360, 52-56.	1.3	16
71	HIV-1 Modulates the Expression of Gelatinase A and B in Monocytic Cells. <i>Biochemical and Biophysical Research Communications</i> , 1994, 205, 1243-1249.	1.0	8
72	Gelatinase A (MMP-2) and Its mRNA Detected in Both Neoplastic and Stromal Cells of Tumors with Different Invasive and Metastatic Properties. <i>Diagnostic Molecular Pathology</i> , 1994, 3, 163-169.	2.1	35

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73	Metalloproteinase and timp expression by the human breast carcinoma cell line 8701-BC. International Journal of Cancer, 1993, 55, 250-255.	2.3	34
74	Reverse Transcription-Polymerase Chain Reaction Phenotyping of Metalloproteinases and Inhibitors Involved in Tumor Matrix Invasion. Diagnostic Molecular Pathology, 1993, 2, 74-80.	2.1	40
75	Alveolar Macrophages from Patients with AIDS and AIDS-related Complex Constitutively Synthesize and Release Tumor Necrosis Factor Alpha. The American Review of Respiratory Disease, 1991, 144, 195-201.	2.9	51
76	Degradation of immobilized soluble elastin by tumor cells in culture: Quantitation by elisa. International Journal of Cancer, 1990, 46, 552-558.	2.3	6
77	Hormonal and basement membrane markers for immunoidentification of cultured human trophoblast cells. International Journal of Gynecology and Obstetrics, 1989, 30, 145-153.	1.0	6
78	Pulmonary alveolar macrophages from patients with active sarcoidosis express type IV collagenolytic proteinase. An enzymatic mechanism for influx of mononuclear phagocytes at sites of disease activity.. Journal of Clinical Investigation, 1989, 84, 605-612.	3.9	29