

# Maurizio Muraca

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

5,134  
citations

117625

34  
h-index

88630

70  
g-index

81  
all docs

81  
docs citations

81  
times ranked

7812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage bioassay standardization to assess the anti-inflammatory activity of mesenchymal stromal cell-derived small extracellular vesicles. <i>Cytotherapy</i> , 2022, 24, 999-1012.	0.7	11
2	Intratracheal administration of mesenchymal stem cell-derived extracellular vesicles reduces lung injuries in a chronic rat model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L688-L704.	2.9	29
3	The Role of Extracellular Vesicles (EVs) in the Epigenetic Regulation of Bone Metabolism and Osteoporosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8682.	4.1	24
4	Administration of Human MSC-Derived Extracellular Vesicles for the Treatment of Primary Sclerosing Cholangitis: Preclinical Data in MDR2 Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8874.	4.1	15
5	Present and Future of Bronchopulmonary Dysplasia. <i>Journal of Clinical Medicine</i> , 2020, 9, 1539.	2.4	75
6	CD73 <sup>+</sup> extracellular vesicles inhibit angiogenesis through adenosine A <sub>2B</sub> receptor signalling. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1757900.	12.2	31
7	Mesenchymal stromal cells and their secreted extracellular vesicles as therapeutic tools for COVID-19 pneumonia?. <i>Journal of Controlled Release</i> , 2020, 325, 135-140.	9.9	28
8	Human bone marrow mesenchymal stem cell-derived extracellular vesicles attenuate neuroinflammation evoked by focal brain injury in rats. <i>Journal of Neuroinflammation</i> , 2019, 16, 216.	7.2	94
9	Intratracheal administration of clinical-grade mesenchymal stem cell-derived extracellular vesicles reduces lung injury in a rat model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L6-L19.	2.9	91
10	Osteoblast-Derived Extracellular Vesicles Are Biological Tools for the Delivery of Active Molecules to Bone. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 517-533.	2.8	105
11	Imaging of extracellular vesicles derived from human bone marrow mesenchymal stem cells using fluorescent and magnetic labels. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1653-1664.	6.7	64
12	Bronchopulmonary dysplasia: what's new on the horizon?. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 549-551.	5.6	10
13	Challenges and Strategies for Improving the Regenerative Effects of Mesenchymal Stromal Cell-Based Therapies. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2087.	4.1	178
14	Extracellular Vesicles in Physiology, Pathology, and Therapy of the Immune and Central Nervous System, with Focus on Extracellular Vesicles Derived from Mesenchymal Stem Cells as Therapeutic Tools. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 109.	3.7	152
15	Inhibition of Spinal Oxidative Stress by Bergamot Polyphenolic Fraction Attenuates the Development of Morphine Induced Tolerance and Hyperalgesia in Mice. <i>PLoS ONE</i> , 2016, 11, e0156039.	2.5	32
16	Recent Advances in Mesenchymal Stem Cell Immunomodulation: The Role of Microvesicles. <i>Cell Transplantation</i> , 2015, 24, 133-149.	2.5	91
17	Immunoregulatory Effects of Mesenchymal Stem Cell-Derived Extracellular Vesicles on T Lymphocytes. <i>Cell Transplantation</i> , 2015, 24, 2615-2627.	2.5	228
18	Proteomic applications in food allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015, 15, 259-266.	2.3	29

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19	A Simple and Effective Mass Spectrometric Approach to Identify the Adulteration of the Mediterranean Diet Component Extra-Virgin Olive Oil with Corn Oil. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20896-20912.	4.1	21
20	Osteopetrosis and Its Relevance for the Discovery of New Functions Associated with the Skeleton. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-8.	1.5	49
21	A waterborn zoonotic helminthiasis in an Italian diver: a case report of a cutaneous <i>Sparganum</i> infection and a review of European cases. <i>Pathogens and Global Health</i> , 2015, 109, 383-386.	2.3	6
22	Differential effects of extracellular vesicles secreted by mesenchymal stem cells from different sources on glioblastoma cells. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 495-504.	3.1	140
23	Biotechnological approach for systemic delivery of membrane Receptor Activator of NF- $\kappa$ B Ligand (RANKL) active domain into the circulation. <i>Biomaterials</i> , 2015, 46, 58-69.	11.4	23
24	How far are we from the clinical use of placental-derived mesenchymal stem cells?. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 613-617.	3.1	24
25	Biomarkers of Alzheimer Disease, Insulin Resistance, and Obesity in Childhood. <i>Pediatrics</i> , 2015, 135, 1074-1081.	2.1	30
26	Determination of plasma pipecolic acid by an easy and rapid liquid chromatography-tandem mass spectrometry method. <i>Clinica Chimica Acta</i> , 2015, 440, 108-112.	1.1	5
27	A Sensitive and Effective Proteomic Approach to Identify She-Donkey's and Goat's Milk Adulterations by MALDI-TOF MS Fingerprinting. <i>International Journal of Molecular Sciences</i> , 2014, 15, 13697-13719.	4.1	32
28	Epidemiology and Clinical Outcomes of Multidrug-resistant, Gram-negative Bloodstream Infections in a European Tertiary Pediatric Hospital During a 12-month Period. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 929-932.	2.0	66
29	Adopting European Network for Health Technology Assessments (EunetHTA) core model for diagnostic technologies for improving the accuracy and appropriateness of blood gas analyzers' assessment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 1569-77.	2.3	4
30	Gender-related effects on urine l-cystine metastability. <i>Amino Acids</i> , 2014, 46, 415-427.	2.7	6
31	The C-Terminal Domain of Chondroadherin: A New Regulator of Osteoclast Motility Counteracting Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1833-1846.	2.8	17
32	Paclitaxel is incorporated by mesenchymal stromal cells and released in exosomes that inhibit in vitro tumor growth: A new approach for drug delivery. <i>Journal of Controlled Release</i> , 2014, 192, 262-270.	9.9	697
33	A refined approach to detect and measure minimal residual disease in childhood acute myeloid leukemia by flow cytometry. <i>American Journal of Hematology</i> , 2014, 89, 343-344.	4.1	0
34	Generation of the first autosomal dominant osteopetrosis type II (ADO2) disease models. <i>Bone</i> , 2014, 59, 66-75.	2.9	36
35	Measurement of succinyl-carnitine and methylmalonyl-carnitine on dried blood spot by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2014, 429, 30-33.	1.1	15
36	Molecular epidemiology and genetic diversity of human rhinovirus affecting hospitalized children in Rome. <i>Medical Microbiology and Immunology</i> , 2013, 202, 303-311.	4.8	20

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37	Proline/arginine-rich end leucine-rich repeat protein N-terminus is a novel osteoclast antagonist that counteracts bone loss. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1912-1924.	2.8	21
38	Impact of Severe Sepsis on Serum and Urinary Biomarkers of Acute Kidney Injury in Critically Ill Children: An Observational Study. <i>Blood Purification</i> , 2013, 35, 172-176.	1.8	47
39	The Role of Mass Spectrometry in the "Omics" Era. <i>Current Organic Chemistry</i> , 2013, 17, 2891-2905.	1.6	72
40	The Immunosuppressive Effect of Mesenchymal Stromal Cells on B Lymphocytes is Mediated by Membrane Vesicles. <i>Cell Transplantation</i> , 2013, 22, 369-379.	2.5	130
41	Pandemic Influenza A/H1N1pdm in Italy: Age, Risk and Population Susceptibility. <i>PLoS ONE</i> , 2013, 8, e74785.	2.5	17
42	Effects of Time Culture and Prototypical Cytochrome P450 3A (CYP3A) Inducers on CYP2B22, CYP2C, CYP3A and Nuclear Receptor (NR) mRNAs in Long-term Cryopreserved Pig Hepatocytes (CPHs). <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 495-505.	2.2	9
43	Human serum proteome analysis: new source of markers in metabolic disorders. <i>Biomarkers in Medicine</i> , 2012, 6, 759-773.	1.4	21
44	Increased expression of a set of genes enriched in oxygen binding function discloses a predisposition of breast cancer bone metastases to generate metastasis spread in multiple organs. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2387-2398.	2.8	24
45	MALDI-TOF MS proteomic phenotyping of filamentous and other fungi from clinical origin. <i>Journal of Proteomics</i> , 2012, 75, 3314-3330.	2.4	66
46	Early-life gut microbiota under physiological and pathological conditions: The central role of combined meta-omics-based approaches. <i>Journal of Proteomics</i> , 2012, 75, 4580-4587.	2.4	52
47	Development of a score based on urinalysis to improve the management of urinary tract infection in children. <i>Clinica Chimica Acta</i> , 2012, 413, 478-482.	1.1	14
48	High-dose fenoldopam reduces postoperative neutrophil gelatinase-associated lipocaline and cystatin C levels in pediatric cardiac surgery. <i>Critical Care</i> , 2011, 15, R160.	5.8	98
49	Evolving concepts in cell therapy of liver disease and current clinical perspectives. <i>Digestive and Liver Disease</i> , 2011, 43, 180-187.	0.9	38
50	Is LCT-13910C>T polymorphism associated with celiac disease?. <i>Digestive and Liver Disease</i> , 2011, 43, 417-418.	0.9	0
51	Serum Creatinine Levels Are Significantly Influenced by Renal Size in the Normal Pediatric Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 107-113.	4.5	21
52	Indirect Methods for TSH Reference Interval: At Last Fit for Purpose?The Author's ReplyThe Author's Reply. <i>American Journal of Clinical Pathology</i> , 2011, 135, 167-169.	0.7	11
53	HIV is associated with thrombophilia and high D-dimer in children and adolescents. <i>Aids</i> , 2010, 24, 1145-1151.	2.2	17
54	Stem and progenitor cells for liver repopulation: can we standardise the process from bench to bedside?. <i>Gut</i> , 2009, 58, 594-603.	12.1	103

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55	The future of stem cells in liver diseases. <i>Annals of Hepatology</i> , 2006, 5, 68-76.	1.5	6
56	Proapoptotic effect of hepatitis C virus CORE protein in transiently transfected cells is enhanced by nuclear localization and is dependent on PKR activation. <i>Journal of Hepatology</i> , 2004, 40, 77-85.	3.7	30
57	Prospective, Randomized, Multicenter, Controlled Trial of a Bioartificial Liver in Treating Acute Liver Failure. <i>Annals of Surgery</i> , 2004, 239, 660-670.	4.2	574
58	Imbalance Between Production and Conjugation of Bilirubin: A Fundamental Concept in the Mechanism of Neonatal Jaundice. <i>Pediatrics</i> , 2002, 110, e47-e47.	2.1	104
59	Intraportal hepatocyte transplantation in the pig: a hemodynamic and histopathological study1. <i>Transplantation</i> , 2002, 73, 890-896.	1.0	43
60	Hepatocyte transplantation as a treatment for glycogen storage disease type 1a. <i>Lancet, The</i> , 2002, 359, 317-318.	13.7	370
61	Bone marrow-derived liver stem cell and mature hepatocyte engraftment in livers undergoing rejection. <i>Surgery</i> , 2002, 132, 384-390.	1.9	58
62	SiO <sub>2</sub> Entrapment of Animal Cells: Liver-Specific Metabolic Activities in Silica-Overlaid Hepatocytes. <i>Artificial Organs</i> , 2002, 26, 664-669.	1.9	27
63	Hemolysis and bilirubin conjugation in association with UDP-glucuronosyltransferase 1A1 promoter polymorphism. <i>Hepatology</i> , 2002, 35, 905-911.	7.3	50
64	Reply:. <i>Hepatology</i> , 2002, 36, 764-765.	7.3	1
65	Prevalence and prognostic value of quantified electroencephalogram (EEG) alterations in cirrhotic patients. <i>Journal of Hepatology</i> , 2001, 35, 37-45.	3.7	226
66	Unusual Early Presentation of Gilbert Syndrome in Pediatric Recipients of Liver Transplantation. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 31, 238-243.	1.8	4
67	Unconjugated and Conjugated Bilirubin Pigments during Perinatal Development. <i>Neonatology</i> , 1998, 73, 155-160.	2.0	6
68	In chyloptysis, SP-A affects the clearance of serum lipoproteins entering the airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 274, L737-L749.	2.9	3
69	Prognostic value of the galactose test in predicting survival of patients with cirrhosis evaluated for liver transplantation. <i>Journal of Hepatology</i> , 1996, 25, 474-480.	3.7	49
70	Conjugated bilirubin in neonates with glucose-6-phosphate dehydrogenase deficiency. <i>Journal of Pediatrics</i> , 1996, 128, 695-697.	1.8	66
71	Effect of withdrawal of pravastatin on biliary lipid composition in humans. <i>Atherosclerosis</i> , 1996, 123, 133-137.	0.8	3
72	Protective effect of tauroursodeoxycholate against acute gastric mucosal injury induced by hydrophobic bile salts. <i>Digestive Diseases and Sciences</i> , 1996, 41, 1181-1182.	2.3	0

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73	Effect of Silibinin on biliary lipid composition experimental and clinical study. Journal of Hepatology, 1991, 12, 290-295.	3.7	41
74	Unconjugated and Conjugated Bilirubin Pigments during Perinatal Development. Neonatology, 1991, 60, 144-147.	2.0	8
75	Analytic Aspects and Clinical Interpretation of Serum Bilirubins. Seminars in Liver Disease, 1988, 8, 137-147.	3.6	20
76	Relationships between serum bilirubins and production and conjugation of bilirubin. Gastroenterology, 1987, 92, 309-317.	1.3	73
77	The Effect of Drugs on Bile Flow and Composition. Drugs, 1986, 31, 430-448.	10.9	34
78	Unconjugated and Conjugated Bilirubin Pigments during Perinatal Development. Neonatology, 1986, 49, 90-95.	2.0	6
79	Influence of sex and sex steroids on bilirubin uridine diphosphate-glucuronosyltransferase activity of rat liver. Gastroenterology, 1984, 87, 308-313.	1.3	84