Gavino Faa

List of Publications by Year in descending order

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103 papers	2,733 citations	182225 30 h-index	242451 47 g-index
104 all docs	104 docs citations	104 times ranked	3654 citing authors

#	Article	IF	Citations
1	Thymosin Î²4 Is an Endogenous Iron Chelator and Molecular Switcher of Ferroptosis. International Journal of Molecular Sciences, 2022, 23, 551.	1.8	15
2	Investigation by topâ€down highâ€performance liquid chromatographyâ€“mass spectrometry of glutathionylation and cysteinylation of salivary S100A9 and cystatin B in preterm newborns. Separation Science Plus, 2022, 5, 17-27.	0.3	1
3	HPLC-ESI-MS top-down analysis of salivary peptides of preterm newborns evidenced high activity of some exopeptidases and convertases during late fetal development. Talanta, 2021, 222, 121429.	2.9	4
4	Review of imaging biomarkers for the vulnerable carotid plaque. JVS Vascular Science, 2021, 2, 149-158.	0.4	28
5	Anatomical distribution and expression of <scp>CYP</scp> in humans: Neuropharmacological implications. Drug Development Research, 2021, 82, 628-667.	1.4	11
6	Top-Down Proteomics of Human Saliva Highlights Anti-inflammatory, Antioxidant, and Antimicrobial Defense Responses in Alzheimer Disease. Frontiers in Neuroscience, 2021, 15, 668852.	1.4	20
7	Saliva, a bodily fluid with recognized and potential diagnostic applications. Journal of Separation Science, 2021, 44, 3677-3690.	1.3	35
8	Association between Hypomagnesemia, COVID-19, Respiratory Tract and Lung Disease. Open Respiratory Medicine Journal, 2021, 15, 43-45.	1.3	10
9	Zinc as a Drug for Wilsonâ€™s Disease, Non-Alcoholic Liver Disease and COVID-19-Related Liver Injury. Molecules, 2021, 26, 6614.	1.7	11
10	Plaque imaging volume analysis: technique and application. Cardiovascular Diagnosis and Therapy, 2020, 10, 1032-1047.	0.7	8
11	Carotid plaque imaging profiling in subjects with risk factors (diabetes and hypertension). Cardiovascular Diagnosis and Therapy, 2020, 10, 1005-1018.	0.7	15
12	Thymosin Î²4 cytoplasmic/nuclear translocation as a new marker of cellular stress. A Caco2 case study. RSC Advances, 2020, 10, 12680-12688.	1.7	7
13	Human Hepatic Stem/Progenitor Cells in Cancer and Liver Disease. Stem Cells in Clinical Applications, 2018, , 71-83.	0.4	1
14	Mineralization of alpha-1-antitrypsin inclusion bodies in Mmalton alpha-1-antitrypsin deficiency. Orphanet Journal of Rare Diseases, 2018, 13, 79.	1.2	13
15	Proteomics applied to pediatric medicine: opportunities and challenges. Expert Review of Proteomics, 2016, 13, 883-894.	1.3	4
16	Epigenetic Mechanisms in Gynecological Cancer. , 2016, , 3-22.		1
17	Thymosin Î²4 and Î²10 in SjÃ¶grenâ€™s syndrome: saliva proteomics and minor salivary glands expression. Arthritis Research and Therapy, 2016, 18, 229.	1.6	5
18	Fetal programming of neuropsychiatric disorders. Birth Defects Research Part C: Embryo Today Reviews, 2016, 108, 207-223.	3.6	117

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19	Nâ€•and Oâ€‐linked glycosylation site profiling of the human basic salivary prolineâ€•rich protein 3M. Journal of Separation Science, 2016, 39, 1987-1997.	1.3	9
20	Interstitial stromal progenitors during kidney development: here, there and everywhere. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 3815-3820.	0.7	8
21	Immunohistochemical markers of stem/progenitor cells in the developing human kidney. Acta Histochemica, 2015, 117, 437-443.	0.9	8
22	From ureteric bud to the first glomeruli: genes, mediators, kidney alterations. International Urology and Nephrology, 2015, 47, 109-116.	0.6	14
23	High-resolution mass spectrometry for thymosins detection and characterization. Expert Opinion on Biological Therapy, 2015, 15, 191-201.	1.4	8
24	Correspondence. World Journal of Pediatrics, 2015, 11, 90-91.	0.8	4
25	Chrono-Proteomics of Human Saliva: Variations of the Salivary Proteome during Human Development. Journal of Proteome Research, 2015, 14, 1666-1677.	1.8	38
26	Proteomic investigation of whole saliva in Wilson's disease. Journal of Proteomics, 2015, 128, 154-163.	1.2	25
27	Overlapping between CYP3A4 and CYP3A7 expression in the fetal human liver during development. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 1291-1295.	0.7	14
28	Thymosin Beta 4 May Translocate from the Cytoplasm in to the Nucleus in HepG2 Cells following Serum Starvation. An Ultrastructural Study. PLoS ONE, 2015, 10, e0119642.	1.1	16
29	Histopathology of renal asphyxia in newborn piglets: Individual susceptibility to tubular changes. World Journal of Nephrology, 2015, 4, 313.	0.8	6
30	Hypoxia-Induced Endothelial Damage and Microthrombosis in Myocardial Vessels of Newborn Landrace/Large White Piglets. BioMed Research International, 2014, 2014, 1-5.	0.9	9
31	Characterization of salivary proteins of schizophrenic and bipolar disorder patients by top-down proteomics. Journal of Proteomics, 2014, 103, 15-22.	1.2	45
32	Aluminum exposure and toxicity in neonates: a practical guide to halt aluminum overload in the prenatal and perinatal periods. World Journal of Pediatrics, 2014, 10, 101-107.	0.8	47
33	The triple-I (interactive, intersectorial, interdisciplinary) approach to validate â€œomicsâ€•investigations on body fluids and tissues in perinatal medicine. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 58-60.	0.7	4
34	The kidney of late preterm infants. Italian Journal of Pediatrics, 2014, 40, .	1.0	2
35	Development of the Human Kidney: Morphological Events. Current Clinical Pathology, 2014, , 1-12.	0.0	1
36	Do Î²-Thymosins Play a Role in Human Nephrogenesis?. Current Clinical Pathology, 2014, , 81-93.	0.0	4

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37	Development of the Human Kidney: Immunohistochemical Findings. Current Clinical Pathology, 2014, , 29-41.	0.0	2
38	Molecular Regulation of Kidney Development. Current Clinical Pathology, 2014, , 13-28.	0.0	1
39	Identification of thymosins Î²4 and Î²10 in paediatric craniopharyngioma cystic fluid. Child's Nervous System, 2013, 29, 951-960.	0.6	24
40	Factors influencing the development of a personal tailored microbiota in the neonate, with particular emphasis on antibiotic therapy. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 35-43.	0.7	48
41	Top-down HPLCâ€“ESIâ€“MS detection of S-Glutathionylated and S-Cysteinylated Derivatives of Cystatin B and Its 1â€“53 and 54â€“98 Fragments in Whole Saliva of Human Preterm Newborns. Journal of Proteome Research, 2013, 12, 917-926.	1.8	13
42	Topâ€down <scp>HPLC</scp>â€“<scp>ESI</scp>â€<scp>MS</scp> characterization of rat gliadoralin <scp>A</scp>, a new member of the family of rat submandibular gland glutamineâ€rich proteins and potential substrate of transglutaminase. Journal of Separation Science, 2013, 36, 2848-2861.	1.3	3
43	Histologic evolution and long-term outcome of Wilsonâ€™s disease. European Journal of Gastroenterology and Hepatology, 2013, 25, 111-117.	0.8	22
44	Letters to the Editor: Excision of synovial cysts: pathology matters. Journal of Neurosurgery: Spine, 2013, 19, 266-267.	0.9	8
45	S100B immunoreactivity: a new marker of hypoxia-related cardiac damage in newborn piglets. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 72-76.	0.7	0
46	The meaning of aluminium exposure on human health and aluminium-related diseases. Biomolecular Concepts, 2013, 4, 77-87.	1.0	80
47	CD44 immunoreactivity in the developing human kidney: a marker of renal progenitor stem cells?. Renal Failure, 2013, 35, 967-970.	0.8	12
48	Synovial Cysts of the Lumbar Spine. Neurologia Medico-Chirurgica, 2013, 53, 95-102.	1.0	40
49	Cellular Trafficking of Thymosin Beta-4 in HEPG2 Cells Following Serum Starvation. PLoS ONE, 2013, 8, e67999.	1.1	5
50	Thymosin ÃŸ4 expression in colorectal polyps and adenomas. Clinics, 2013, 68, 1220-1224.	0.6	4
51	The pine-cone body: an intermediate structure between the cap mesenchyme and the renal vesicle in the developing nod mouse kidney revealed by an ultrastructural study. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 72-75.	0.7	12
52	An experimental model of neonatal normocapnic hypoxia and resuscitation in Landrace/Large White piglets. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 1750-1754.	0.7	11
53	Thymosin Î²-4 in colorectal cancer is localized predominantly at the invasion front in tumor cells undergoing epithelial mesenchymal transition. Cancer Biology and Therapy, 2012, 13, 191-197.	1.5	37
54	CINtec PLUS Immunocytochemistry as a Tool for the Cytologic Diagnosis of Glandular Lesions of the Cervix Uteri. American Journal of Clinical Pathology, 2012, 138, 652-656.	0.4	24

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55	Association between carotid plaque enhancement shown by multidetector CT angiography and histologically validated microvessel density. European Radiology, 2012, 22, 2237-2245.	2.3	51
56	RP-HPLCâ€“ESI-MS evidenced that salivary cystatin B is detectable in adult human whole saliva mostly as S-modified derivatives: S-Glutathionyl, S-cysteinyl and Sâ€“S 2-mer. Journal of Proteomics, 2012, 75, 908-913.	1.2	28
57	Thymosin Î²4 expression reveals intriguing similarities between fetal and cancer cells. Annals of the New York Academy of Sciences, 2012, 1269, 53-60.	1.8	12
58	The human salivary proteome: a critical overview of the results obtained by different proteomic platforms. Expert Review of Proteomics, 2012, 9, 33-46.	1.3	65
59	Top-down platform for deciphering the human salivary proteome. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 27-43.	0.7	44
60	Multiple organ failure syndrome in the newborn: morphological and immunohistochemical data. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 68-71.	0.7	6
61	â€œPhysiologicalâ€•renal regenerating medicine in VLBW preterm infants: could a dream come true?. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 41-48.	0.7	29
62	<scp>HPLC</scp>â€•<scp>ESI</scp>â€•<scp>MS</scp> and <scp>MS</scp>/<scp>MS</scp> structural characterization of multifucosylated <scp>N</scp>â€glycoforms of the basic prolineâ€•rich protein <scp>IB</scp>â€8a <scp>CON</scp>1⁺ in human saliva. Journal of Separation Science, 2012, 35, 1079-1086.	1.3	12
63	Morphogenesis and molecular mechanisms involved in human kidney development. Journal of Cellular Physiology, 2012, 227, 1257-1268.	2.0	90
64	Aluminium-dependent human diseases and chelating properties of aluminium chelators for biomedical applications. , 2012, , 103-123.		7
65	Hypoxia/reoxygenation-induced myocardial lesions in newborn piglets are related to interindividual variability and not to oxygen concentration. Clinics, 2012, 67, 503-508.	0.6	14
66	S100B protein expression in the heart of deceased individuals by overdose: a new forensic marker?. Clinics, 2012, 67, 821-826.	0.6	6
67	Copper uptake and trafficking in the brain. , 2012, , 47-63.		1
68	Toward nephrogenesis in the pig kidney: the composite tubulo-glomerular nodule. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 52-54.	0.7	6
69	MUC1 in mesenchymal-to-epithelial transition during human nephrogenesis: changing the fate of renal progenitor/stem cells?. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 63-66.	0.7	23
70	Usefulness of p16ink4a, ProEX C, and Ki-67 for the Diagnosis of Glandular Dysplasia and Adenocarcinoma of the Cervix Uteri. International Journal of Gynecological Pathology, 2011, 30, 407-413.	0.9	31
71	Thymosin beta 10 expression in developing human salivary glands. Early Human Development, 2011, 87, 779-783.	0.8	13
72	The Heat Shock Protein 90 Inhibitor IPI-504 Induces KIT Degradation, Tumor Shrinkage, and Cell Proliferation Arrest in Xenograft Models of Gastrointestinal Stromal Tumors. Molecular Cancer Therapeutics, 2011, 10, 1897-1908.	1.9	43

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73	Human diseases related to aluminium overload. Monatshefte FÃ¼r Chemie, 2011, 142, 331-340.	0.9	53
74	Expression of WT1 during normal human kidney development. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 44-47.	0.7	28
75	The Novel HSP90 Inhibitor, IPI-493, Is Highly Effective in Human Gastrostrointestinal Stromal Tumor Xenografts Carrying Heterogeneous KIT Mutations. Clinical Cancer Research, 2011, 17, 5604-5614.	3.2	48
76	The Surprising Composition of the Salivary Proteome of Preterm Human Newborn. Molecular and Cellular Proteomics, 2011, 10, M110.003467.	2.5	71
77	Copper-related diseases: From chemistry to molecular pathology. Coordination Chemistry Reviews, 2010, 254, 876-889.	9.5	199
78	Deep fibrous histiocytoma with a clonal karyotypic alteration: molecular cytogenetic characterization of a t(16;17)(p13.3;q21.3). Cancer Genetics and Cytogenetics, 2010, 202, 17-21.	1.0	13
79	Different Thymosin Beta 4 Immunoreactivity in Foetal and Adult Gastrointestinal Tract. PLoS ONE, 2010, 5, e9111.	1.1	21
80	Characterization of two isoforms of human SPRR3 from saliva of preterm human newborn and autoptic fetal oral mucosa, parotid and submandibular gland samples. Biochemical and Biophysical Research Communications, 2010, 398, 477-481.	1.0	8
81	Thymosin beta-10 expression in developing human kidney. Journal of Maternal-Fetal and Neonatal Medicine, 2010, 23, 125-128.	0.7	13
82	Marked interindividual variability in renal maturation of preterm infants: lessons from autopsy. Journal of Maternal-Fetal and Neonatal Medicine, 2010, 23, 129-133.	0.7	100
83	High Efficacy of Panobinostat Towards Human Gastrointestinal Stromal Tumors in a Xenograft Mouse Model. Clinical Cancer Research, 2009, 15, 4066-4076.	3.2	53
84	HPLCâ€ESIâ€MS analysis of oral human fluids reveals that gingival crevicular fluid is the main source of oral thymosins Î²₄ and Î²₁₀. Journal of Separation Science, 2009, 32, 57-63.	1.3	53
85	Z and Mmaltonâ€1â€antitrypsin deficiencyâ€associated hepatocellular carcinoma: a genetic study. Liver International, 2009, 29, 1593-1596.	1.9	11
86	Thymosin Î²4 and Î²10 Levels in Pre-Term Newborn Oral Cavity and Foetal Salivary Glands Evidence a Switch of Secretion during Foetal Development. PLoS ONE, 2009, 4, e5109.	1.1	40
87	Zinc in gastrointestinal and liver disease. Coordination Chemistry Reviews, 2008, 252, 1257-1269.	9.5	62
88	Trisomy 17 as a Marker for a Subset of Noninvasive Thyroid Nodules with Focal Features of Papillary Carcinoma: Cytogenetic and Molecular Analysis of 62 Cases and Correlation with Histological Findings. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 177-181.	1.8	16
89	Rapid PCR Real-Time Genotyping of M-Malton ??1-Antitrypsin Deficiency Alleles by Molecular Beacons. Diagnostic Molecular Pathology, 2005, 14, 237-242.	2.1	21
90	Aneuploidy in oncocytic lesions of the thyroid gland: Diffuse accumulation of mitochondria within the cell is associated with trisomy 7 and progressive numerical chromosomal alterations. Genes Chromosomes and Cancer, 2003, 38, 22-31.	1.5	53

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91	MVarallo: A New MLike Alpha 1-Antitrypsin-Deficient Allele. Diagnostic Molecular Pathology, 2003, 12, 237-239.	2.1	8
92	Brain copper, iron, magnesium, zinc, calcium, sulfur and phosphorus storage in Wilson's disease. Journal of Trace Elements in Medicine and Biology, 2001, 15, 155-160.	1.5	50
93	Does Iron Concentration in a Liver Needle Biopsy Accurately Reflect Hepatic Iron Burden in Î²-Thalassemia?. Clinical Chemistry, 2000, 46, 1185-1188.	1.5	27
94	Oral iron chelators for clinical use. Polyhedron, 1999, 18, 3219-3226.	1.0	34
95	Expression of cytokeratin 20 in developing rat liver and in experimental models of ductular and oval cell proliferation. Journal of Hepatology, 1998, 29, 628-633.	1.8	37
96	Chromosome changes in nonneoplastic tissue Numerical and structural abnormalities in nasal polyps with atypical stromal cells. Cancer Genetics and Cytogenetics, 1996, 88, 158-162.	1.0	3
97	Zinc Content and Distribution in the Newborn Liver. Journal of Pediatric Gastroenterology and Nutrition, 1996, 23, 125-129.	0.9	15
98	Uneven hepatic iron and phosphorus distribution in beta-thalassemia. Journal of Hepatology, 1995, 23, 544-549.	1.8	91
99	Uneven hepatic copper distribution in Wilson's disease. Journal of Hepatology, 1995, 22, 303-308.	1.8	98
100	Numerical chromosome changes in a nasal polyp. Genes Chromosomes and Cancer, 1994, 10, 203-206.	1.5	6
101	Genetic variants of alphaâ€1â€antitrypsin (AAT). Liver, 1992, 12, 296-301.	0.1	25
102	Identification of PiZ gene products in liver tissue by a monoclonal antibody specific for the Z mutant of Î±1-antitrypsin. Journal of Hepatology, 1991, 12, 372-376.	1.8	32
103	Uneven copper distribution in the human newborn liver. Hepatology, 1987, 7, 838-842.	3.6	48