Tiziano Verri

List of Publications by Year
in descending order

103	2,654	201385 27	214527 47
papers	citations	h-index	g-index

111	111	111	3663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Transporters. British Journal of Pharmacology, 2019, 176, S397-S493.	2.7	166
2	Molecular and functional characterisation of the zebrafish (Danio rerio) PEPT1-type peptide transporter1. FEBS Letters, 2003, 549, 115-122.	1.3	147
3	Human bocavirus: Current knowledge and future challenges. World Journal of Gastroenterology, 2016, 22, 8684.	1.4	132
4	d-Glucose transport in decapod crustacean hepatopancreas. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 130, 585-606.	0.8	121
5	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Transporters. British Journal of Pharmacology, 2021, 178, S412-S513.	2.7	114
6	Cell shape and plasma membrane alterations after static magnetic fields exposure. European Journal of Histochemistry, 2003, 47, 299.	0.6	101
7	The effect of plant protein-based diet supplemented with dipeptide or free amino acids on digestive tract morphology and PepT1 and PepT2 expressions in common carp (Cyprinus carpio L.). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 158-169.	0.8	91
8	Impact of feed availability on PepT1 mRNA expression levels in sea bass (Dicentrarchus labrax). Aquaculture, 2009, 294, 288-299.	1.7	85
9	Mitochondrial DNA metabolism in early development of zebrafish (Danio rerio). Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1002-1011.	0.5	78
10	Dietary protein hydrolysates and free amino acids affect the spatial expression of peptide transporter PepT1 in the digestive tract of Atlantic cod (Gadus morhua). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 48-55.	0.7	69
11	The effect of peptide absorption on PepT1 gene expression and digestive system hormones in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 155, 107-114.	0.8	68
12	Oligopeptide transporter PepT1 in Atlantic cod (<i>Gadus morhua</i>L.): cloning, tissue expression and comparative aspects. Journal of Experimental Biology, 2007, 210, 3883-3896.	0.8	58
13	Anti-Aggregating Effect of the Naturally Occurring Dipeptide Carnosine on Aî²1-42 Fibril Formation. PLoS ONE, 2013, 8, e68159.	1.1	58
14	Transport of di- and tripeptides in teleost fish intestine. Aquaculture Research, 2010, 41, 641-653.	0.9	55
15	Peptide transport and animal growth: the fish paradigm. Biology Letters, 2011, 7, 597-600.	1.0	55
16	Teleost fish models in membrane transport research: the PEPT1(SLC15A1) H⁺â€“oligopeptide transporter as a case study. Journal of Physiology, 2014, 592, 881-897.	1.3	49
17	Dissecting KMT2D missense mutations in Kabuki syndrome patients. Human Molecular Genetics, 2018, 27, 3651-3668.	1.4	49
18	High-affinity peptide transporter PEPT2 (SLC15A2) of the zebrafish Danio rerio: functional properties, genomic organization, and expression analysis. Physiological Genomics, 2006, 24, 207-217.	1.0	48

#	Article	IF	Citations
19	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. Materials Science and Engineering C, 2016, 69, 884-893.	3.8	48
20	Di- and tripeptide transport in vertebrates: the contribution of teleost fish models. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 395-462.	0.7	48
21	Regulation of opossum kidney (OK) cell Na/Pi cotransport by Pi deprivation involves mRNA stability. Pflugers Archiv European Journal of Physiology, 1995, 430, 459-463.	1.3	45
22	Molecular Cloning and Functional Expression of Atlantic Salmon Peptide Transporter 1 in Xenopus Oocytes Reveals Efficient Intestinal Uptake of Lysine-Containing and Other Bioactive Di- and Tripeptides in Teleost Fish. Journal of Nutrition, 2010, 140, 893-900.	1.3	45
23	Hydroxytyrosol Modulates Adipocyte Gene and miRNA Expression Under Inflammatory Condition. Nutrients, 2019, 11, 2493.	1.7	38
24	Thyroid hormone stimulation of Na/Pi-cotransport in opossum kidney cells. Pflugers Archiv European Journal of Physiology, 1995, 431, 266-271.	1.3	34
25	Effects of Olive Oil on Blood Pressure: Epidemiological, Clinical, and Mechanistic Evidence. Nutrients, 2020, 12, 1548.	1.7	34
26	Experimental Evidence That a DNA Polymerase Can Incorporate N7â€Platinated Guanines To Give Platinated DNA. Angewandte Chemie - International Edition, 2008, 47, 507-510.	7.2	31
27	Comparative Analysis and Functional Mapping of SACS Mutations Reveal Novel Insights into Sacsin Repeated Architecture. Human Mutation, 2013, 34, 525-537.	1.1	31
28	Buccal micronucleus cytome assay in primary school children: A descriptive analysis of the MAPEC_LIFE multicenter cohort study. International Journal of Hygiene and Environmental Health, 2018, 221, 883-892.	2.1	30
29	H+/glycyl-glycine cotransport in eel intestinal brush-border membrane vesicles: studies with the pH-sensitive dye Acridine orange. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1110, 123-126.	1.4	28
30	PKCâ€Îµâ€dependent cytosolâ€toâ€membrane translocation of pendrin in rat thyroid PC Cl3 cells. Journal of Cellular Physiology, 2008, 217, 103-112.	2.0	28
31	Protein cold adaptation strategy via a unique seven-amino acid domain in the icefish (Chionodraco) Tj ETQq1 1 0.784314 rgBT /Ov of America, 2013, 110, 7068-7073.	3.3	24
32	Bioactive chitosanâ€based scaffolds with improved properties induced by dextranâ€grafted nanoâ€maghemite and <scp>l</scp>â€arginine amino acid. Journal of Biomedical Materials Research - Part A, 2019, 107, 1244-1252.	2.1	24
33	Functional expression of SLC15 peptide transporters in rat thyroid follicular cells. Molecular and Cellular Endocrinology, 2010, 315, 174-181.	1.6	21
34	The Bacteriophage T7 Binary System Activates Transient Transgene Expression in Zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	20
35	Effects of various diet formulations (experimental and commercial) on the morphology of the liver and intestine of rainbow trout (Oncorhynchus mykiss) juveniles. Aquaculture Research, 2011, 42, 1796-1806.	0.9	20
36	Assessment of DNA vaccine potential for gilthead sea bream (Sparus aurata) by intramuscular injection of a reporter gene. Fish and Shellfish Immunology, 2003, 15, 283-295.	1.6	19

#	Article	IF	Citations
37	Effects of extracellular nucleotides in the thyroid: P2Y2 receptor-mediated ERK1/2 activation and c-Fos induction in PC Cl3 cells. Cellular Signalling, 2005, 17, 739-749.	1.7	18
38	Adsorption of the cis-[Pt(NH3)2(P2O7)]2â˜' (phosphaplatin) on hydroxyapatite nanocrystals as a smart way to selectively release activated cis-[Pt(NH3)2Cl2] (cisplatin) in tumor tissues. Journal of Inorganic Biochemistry, 2016, 157, 73-79.	1.5	18
39	Carnosine modulates the Sp1-Slc31a1/Ctr1 copper-sensing system and influences copper homeostasis in murine CNS-derived cells. American Journal of Physiology - Cell Physiology, 2019, 316, C235-C245.	2.1	18
40	Grape Pomace Extract Attenuates Inflammatory Response in Intestinal Epithelial and Endothelial Cells: Potential Health-Promoting Properties in Bowel Inflammation. Nutrients, 2022, 14, 1175.	1.7	18
41	Dolichol-phosphate mannose synthase depletion in zebrafish leads to dystrophic muscle with hypoglycosylated Î±-dystroglycan. Biochemical and Biophysical Research Communications, 2016, 477, 137-143.	1.0	17
42	Fishing in the Cell Powerhouse: Zebrafish as A Tool for Exploration of Mitochondrial Defects Affecting the Nervous System. International Journal of Molecular Sciences, 2019, 20, 2409.	1.8	16
43	Peptide transporter isoforms are discriminated by the fluorophore-conjugated dipeptides Î²-Ala- and <scp>d</scp> -Ala-Lys-N-7-amino-4-methylcoumarin-3-acetic acid. Physiological Reports, 2013, 1, e00165.	0.7	15
44	Electrodeposition of nanostructured bioactive hydroxyapatite-heparin composite coatings on titanium for dental implant applications. Journal of Materials Science: Materials in Medicine, 2014, 25, 1425-1434.	1.7	15
45	cDNA cloning of a rat small-intestinal Na+/SO 4 2? cotransporter. Pflugers Archiv European Journal of Physiology, 1994, 428, 217-223.	1.3	14
46	Pulsed laser deposition of organic and biological materials. Journal of Materials Science: Materials in Electronics, 2009, 20, 435-440.	1.1	14
47	The peptide transporter 1a of the zebrafish Danio rerio, an emerging model in nutrigenomics and nutrition research: molecular characterization, functional properties, and expression analysis. Genes and Nutrition, 2019, 14, 33.	1.2	14
48	Biochemical Characterization of a S-glutathionylated Carbonic Anhydrase Isolated from Gills of the Antarctic Icefish Chionodraco hamatus. Protein Journal, 2007, 26, 335-348.	0.7	13
49	Effect of l-Arginine treatment on the in vitro stability of electrospun aligned chitosan nanofiber mats. Polymer Testing, 2020, 91, 106758.	2.3	13
50	Assessment of Subjective Well-Being in a Cohort of University Students and Staff Members: Association with Physical Activity and Outdoor Leisure Time during the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2022, 19, 4787.	1.2	13
51	Responsiveness of Carnosine Homeostasis Genes in the Pancreas and Brain of Streptozotocin-Treated Mice Exposed to Dietary Carnosine. International Journal of Molecular Sciences, 2018, 19, 1713.	1.8	12
52	A Hidden Human Proteome Signature Characterizes the Epithelial Mesenchymal Transition Program. Current Pharmaceutical Design, 2020, 26, 372-375.	0.9	12
53	Expression of Na+/d-glucose cotransport in Xenopus laevis oocytes by injection of poly(A)+ RNA isolated from lobster (Homarus americanus) hepatopancreas. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2003, 135, 467-475.	0.8	11
54	Multiple pathways for cationic amino acid transport in rat thyroid epithelial cell line PC Cl3. American Journal of Physiology - Cell Physiology, 2005, 288, C290-C303.	2.1	11

#	Article	IF	Citations
55	Functional and structural characterization of the zebrafish Na+-sulfate cotransporter 1 (NaS1) cDNA and gene (slc13a1). Physiological Genomics, 2008, 34, 256-264.	1.0	11
56	N7-platinated ribonucleotides are not incorporated by RNA polymerases. New perspectives for a rational design of platinum antitumor drugs. Journal of Inorganic Biochemistry, 2016, 163, 143-146.	1.5	11
57	Identification and characterization of the Atlantic salmon peptide transporter 1a. American Journal of Physiology - Cell Physiology, 2020, 318, C191-C204.	2.1	11
58	Platinated Nucleotides are Substrates for the Human Mitochondrial Deoxynucleotide Carrier (DNC) and DNA Polymerase Î³: Relevance for the Development of New Platinumâ€Based Drugs.. ChemistrySelect, 2016, 1, 4633-4637.	0.7	10
59	The Marine Sponge Petrosia ficiformis Harbors Different Cyanobacteria Strains with Potential Biotechnological Application. Journal of Marine Science and Engineering, 2020, 8, 638.	1.2	10
60	Effects of Short-Term Fasting on mRNA Expression of Ghrelin and the Peptide Transporters PepT1 and 2 in Atlantic Salmon (Salmo salar). Frontiers in Physiology, 2021, 12, 666670.	1.3	10
61	Cloning Two PepT1 cDNA Fragments of Common Carp, <I>Cyprinus Carpio</I> (Actinopterygii:) Tj ETQq1 1 0.784314 rgBT /O	0.3	10
62	Type II Na+-phosphate Cotransporters and Phosphate Balance in Teleost Fish. Pflugers Archiv European Journal of Physiology, 2019, 471, 193-212.	1.3	9
63	Allograft Inflammatory Factor-1 in Metazoans: Focus on Invertebrates. Biology, 2020, 9, 355.	1.3	9
64	Morpho-functional remodelling of the adult zebrafish (Danio rerio) heart in response to waterborne angiotensin II exposure. General and Comparative Endocrinology, 2021, 301, 113663.	0.8	8
65	Leptin receptor-deficient (knockout) zebrafish: Effects on nutrient acquisition. General and Comparative Endocrinology, 2021, 310, 113832.	0.8	8
66	Flow Cytometric Analysis of Monocytes Polarization and Reprogramming From Inflammatory to Immunosuppressive Phase During Sepsis. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2019, 30, 371-384.	0.7	8
67	Nutrigenomic Effect of Hydroxytyrosol in Vascular Endothelial Cells: A Transcriptomic Profile Analysis. Nutrients, 2021, 13, 3990.	1.7	8
68	Shaping the cardiac response to hypoxia: NO and its partners in teleost fish. Current Research in Physiology, 2022, 5, 193-202.	0.8	8
69	Efficient Neuroprotective Rescue of Sacsin-Related Disease Phenotypes in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 8401.	1.8	7
70	Molecular and expression analysis of the Allograft inflammatory factor 1 (AIF-1) in the coelomocytes of the common sea urchin Paracentrotus lividus. Fish and Shellfish Immunology, 2017, 71, 136-143.	1.6	6
71	Human Leukocyte Antigen-DR Isotype Expression in Monocytes and T Cells Interferon-Gamma Release Assay in Septic Patients and Correlation With Clinical Outcome. Journal of Clinical Medicine Research, 2021, 13, 293-303.	0.6	6
72	Expression of rat ileal Na+-sulphate cotransport in Xenopus laevis oocytes: functional characterization. Pflugers Archiv European Journal of Physiology, 1994, 427, 252-256.	1.3	5

#	Article	IF	Citations
73	In vitro diagnosis of sepsis: a review. Pathology and Laboratory Medicine International, 2016, , 1.	0.2	5
74	Integration of PLGA Microparticles in Collagen-Based Matrices: Tunable Scaffold Properties and Interaction Between Microparticles and Human Epithelial-Like Cells. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 137-147.	1.8	5
75	Semiâ€interpenetrating polymer network cryogels based on poly(ethylene glycol) diacrylate and collagen as potential offâ€theâ€shelf platforms for cancer cell research. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1313-1326.	1.6	5
76	The Lepidopteran KAAT1 and CAATCH1: Orthologs to Understand Structureâ€“Function Relationships in Mammalian SLC6 Transporters. Neurochemical Research, 2022, 47, 111-126.	1.6	5
77	Influence of the anatomical features of different brain regions on the spatial localization of fiber photometry signals. Biomedical Optics Express, 2021, 12, 6081.	1.5	5
78	Possible Incorporation of Free N7-Platinated Guanines in DNA by DNA Polymerases, Relevance for the Cisplatin Mechanism of Action. , 2009, , 125-132.		5
79	First evidence for N7-Platinated Guanosine derivatives cell uptake mediated by plasma membrane transport processes. Journal of Inorganic Biochemistry, 2022, 226, 111660.	1.5	5
80	Pharmacokinetics of cephalexin in sea bream, Sparus aurata (L.), after a single intraperitoneal injection. Journal of Applied Ichthyology, 2004, 20, 422-426.	0.3	4
81	A rapid and inexpensive method to assay transport of short chain peptides across intestinal brush-border membrane vesicles from the European eel (Anguilla anguilla). Aquaculture Nutrition, 2008, 14, 341-349.	1.1	4
82	Ostreopsis cf. ovata induces cytoskeletal disorganization, apoptosis, and gene expression disregulation on HeLa cells. Journal of Applied Phycology, 2015, 27, 2321-2332.	1.5	4
83	Assessment of Cytocompatibility and Anti-Inflammatory (Inter)Actions of Genipin-Crosslinked Chitosan Powders. Biology, 2020, 9, 159.	1.3	4
84	Label-free biomechanical nanosensor based on LSPR for biological applications. Optical Materials Express, 2020, 10, 1264.	1.6	4
85	Coffee Bioactive N-Methylpyridinium Attenuates Tumor Necrosis Factor (TNF)-Î±-Mediated Insulin Resistance and Inflammation in Human Adipocytes. Biomolecules, 2021, 11, 1545.	1.8	4
86	Functional characterization of Atlantic salmon (Salmo salar L.) PepT2 transporters. Journal of Physiology, 2022, 600, 2377-2400.	1.3	4
87	Evidence of Modular Responsiveness of Osteoblast-Like Cells Exposed to Hydroxyapatite-Containing Magnetic Nanostructures. Biology, 2020, 9, 357.	1.3	3
88	Molecular Biomarkers: Tools of Medicine. BioMed Research International, 2013, 2013, 1-2.	0.9	2
89	Effects of electromagnetic and magnetic stresses on zebrafish samples. Journal of Instrumentation, 2020, 15, C05056-C05056.	0.5	2
90	Amino Acid Carriers of the Solute Carrier Families 7 (SLC7) and 38 (SLC38) Are Involved in Leucine Sensing in the Brain of Atlantic Salmon (Salmo salar). Frontiers in Marine Science, 2021, 8, .	1.2	2

#	Article	IF	Citations
91	Codon usage, phylogeny and binding energy estimation predict the evolution of SARS-CoV-2. One Health, 2021, 13, 100352.	1.5	2
92	Multi-Sensors Integration in a Human Gut-On-Chip Platform. Proceedings (mdpi), 2018, 2, 1022.	0.2	1
93	Human Organ-on-a-Chip: Around the Intestine Bends. Lecture Notes in Electrical Engineering, 2019, , 181-188.	0.3	1
94	The colon epithelium as a target for the intracellular antioxidant activity of hydroxytyrosol: A study on rat colon explants. Journal of Functional Foods, 2020, 64, 103604.	1.6	1
95	Design of Antibody-Functionalized Polymeric Membranes for the Immunoisolation of Pancreatic Islets. Applied Sciences (Switzerland), 2020, 10, 6056.	1.3	1
96	Sequence analysis and spatiotemporal developmental distribution of the Cat-1-type transporter slc7a1a in zebrafish (Danio rerio). Fish Physiology and Biochemistry, 2020, 46, 2281-2298.	0.9	1
97	The zebrafish cationic amino acid transporter/glycoprotein-associated family: sequence and spatiotemporal distribution during development of the transport system b0,+ (slc3a1/slc7a9). Fish Physiology and Biochemistry, 2021, 47, 1507-1525.	0.9	1
98	An ACE2-Alamandine Axis Modulates the Cardiac Performance of the Goldfish Carassius auratus via the NOS/NO System. Antioxidants, 2022, 11, 764.	2.2	1
99	19.3. Peptide transport systems in crustacean models. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, S87.	0.8	0
100	SLC15 family of peptide transporters in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	0
101	Comparative Characterization of the Atlantic salmon, Salmo salar L., Di/Tripeptide Transporters PepT1a and PepT1b. FASEB Journal, 2019, 33, 729.1.	0.2	0
102	SLC15 family of peptide transporters (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	0
103	Estimating the Spatial Behavior of Fiber Photometry Across Different Brain Regions. , 2021, , .		0