

Tiziano Verri

List of Publications by Year in descending order

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103
papers

2,654
citations

201674

27
h-index

214800

47
g-index

111
all docs

111
docs citations

111
times ranked

3663
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lepidopteran KAT1 and CAATCH1: Orthologs to Understand Structure–Function Relationships in Mammalian SLC6 Transporters. <i>Neurochemical Research</i> , 2022, 47, 111-126.	3.3	5
2	First evidence for N7-Platinated Guanosine derivatives cell uptake mediated by plasma membrane transport processes. <i>Journal of Inorganic Biochemistry</i> , 2022, 226, 111660.	3.5	5
3	Shaping the cardiac response to hypoxia: NO and its partners in teleost fish. <i>Current Research in Physiology</i> , 2022, 5, 193-202.	1.7	8
4	Grape Pomace Extract Attenuates Inflammatory Response in Intestinal Epithelial and Endothelial Cells: Potential Health-Promoting Properties in Bowel Inflammation. <i>Nutrients</i> , 2022, 14, 1175.	4.1	18
5	Functional characterization of Atlantic salmon (<i>Salmo salar</i> L.) PepT2 transporters. <i>Journal of Physiology</i> , 2022, 600, 2377-2400.	2.9	4
6	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. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4787.	2.6	13
7	An ACE2-Aldosterone Axis Modulates the Cardiac Performance of the Goldfish <i>Carassius auratus</i> via the NOS/NO System. <i>Antioxidants</i> , 2022, 11, 764.	5.1	1
8	Semi-interpenetrating polymer network cryogels based on poly(ethylene glycol) diacrylate and collagen as potential off-the-shelf platforms for cancer cell research. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1313-1326.	3.4	5
9	Morpho-functional remodelling of the adult zebrafish (<i>Danio rerio</i>) heart in response to waterborne angiotensin II exposure. <i>General and Comparative Endocrinology</i> , 2021, 301, 113663.	1.8	8
10	Human Leukocyte Antigen-DR Isotype Expression in Monocytes and T Cells Interferon-Gamma Release Assay in Septic Patients and Correlation With Clinical Outcome. <i>Journal of Clinical Medicine Research</i> , 2021, 13, 293-303.	1.2	6
11	Effects of Short-Term Fasting on mRNA Expression of Ghrelin and the Peptide Transporters PepT1 and 2 in Atlantic Salmon (<i>Salmo salar</i>). <i>Frontiers in Physiology</i> , 2021, 12, 666670.	2.8	10
12	Amino Acid Carriers of the Solute Carrier Families 7 (SLC7) and 38 (SLC38) Are Involved in Leucine Sensing in the Brain of Atlantic Salmon (<i>Salmo salar</i>). <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
13	Efficient Neuroprotective Rescue of Sarsin-Related Disease Phenotypes in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8401.	4.1	7
14	The zebrafish cationic amino acid transporter/glycoprotein-associated family: sequence and spatiotemporal distribution during development of the transport system b0,+ (slc3a1/slc7a9). <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1507-1525.	2.3	1
15	SLC15 family of peptide transporters in GtoPdb v.2021.3. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2021, 2021, .	0.2	0
16	Leptin receptor-deficient (knockout) zebrafish: Effects on nutrient acquisition. <i>General and Comparative Endocrinology</i> , 2021, 310, 113832.	1.8	8
17	Influence of the anatomical features of different brain regions on the spatial localization of fiber photometry signals. <i>Biomedical Optics Express</i> , 2021, 12, 6081.	2.9	5
18	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Transporters. <i>British Journal of Pharmacology</i> , 2021, 178, S412-S513.	5.4	114

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19	Coffee Bioactive N-Methylpyridinium Attenuates Tumor Necrosis Factor (TNF)- α -Mediated Insulin Resistance and Inflammation in Human Adipocytes. <i>Biomolecules</i> , 2021, 11, 1545.	4.0	4
20	Estimating the Spatial Behavior of Fiber Photometry Across Different Brain Regions. , 2021, , .		0
21	Nutrigenomic Effect of Hydroxytyrosol in Vascular Endothelial Cells: A Transcriptomic Profile Analysis. <i>Nutrients</i> , 2021, 13, 3990.	4.1	8
22	Codon usage, phylogeny and binding energy estimation predict the evolution of SARS-CoV-2. <i>One Health</i> , 2021, 13, 100352.	3.4	2
23	Integration of PLGA Microparticles in Collagen-Based Matrices: Tunable Scaffold Properties and Interaction Between Microparticles and Human Epithelial-Like Cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 137-147.	3.4	5
24	Identification and characterization of the Atlantic salmon peptide transporter 1a. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C191-C204.	4.6	11
25	The colon epithelium as a target for the intracellular antioxidant activity of hydroxytyrosol: A study on rat colon explants. <i>Journal of Functional Foods</i> , 2020, 64, 103604.	3.4	1
26	Design of Antibody-Functionalized Polymeric Membranes for the Immunoisolation of Pancreatic Islets. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6056.	2.5	1
27	Sequence analysis and spatiotemporal developmental distribution of the Cat-1-type transporter slc7a1a in zebrafish (<i>Danio rerio</i>). <i>Fish Physiology and Biochemistry</i> , 2020, 46, 2281-2298.	2.3	1
28	Assessment of Cytocompatibility and Anti-Inflammatory (Inter)Actions of Genipin-Crosslinked Chitosan Powders. <i>Biology</i> , 2020, 9, 159.	2.8	4
29	Effect of l-Arginine treatment on the in vitro stability of electrospun aligned chitosan nanofiber mats. <i>Polymer Testing</i> , 2020, 91, 106758.	4.8	13
30	Allograft Inflammatory Factor-1 in Metazoans: Focus on Invertebrates. <i>Biology</i> , 2020, 9, 355.	2.8	9
31	Evidence of Modular Responsiveness of Osteoblast-Like Cells Exposed to Hydroxyapatite-Containing Magnetic Nanostructures. <i>Biology</i> , 2020, 9, 357.	2.8	3
32	The Marine Sponge <i>Petrosia ficiformis</i> Harbors Different Cyanobacteria Strains with Potential Biotechnological Application. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 638.	2.6	10
33	Effects of Olive Oil on Blood Pressure: Epidemiological, Clinical, and Mechanistic Evidence. <i>Nutrients</i> , 2020, 12, 1548.	4.1	34
34	Effects of electromagnetic and magnetic stresses on zebrafish samples. <i>Journal of Instrumentation</i> , 2020, 15, C05056-C05056.	1.2	2
35	Label-free biomechanical nanosensor based on LSPR for biological applications. <i>Optical Materials Express</i> , 2020, 10, 1264.	3.0	4
36	A Hidden Human Proteome Signature Characterizes the Epithelial Mesenchymal Transition Program. <i>Current Pharmaceutical Design</i> , 2020, 26, 372-375.	1.9	12

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37	Hydroxytyrosol Modulates Adipocyte Gene and miRNA Expression Under Inflammatory Condition. <i>Nutrients</i> , 2019, 11, 2493.	4.1	38
38	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Transporters. <i>British Journal of Pharmacology</i> , 2019, 176, S397-S493.	5.4	166
39	Bioactive chitosan-based scaffolds with improved properties induced by dextran-grafted nano-magnetite and L-arginine amino acid. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1244-1252.	4.0	24
40	Human Organ-on-a-Chip: Around the Intestine Bends. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 181-188.	0.4	1
41	Fishing in the Cell Powerhouse: Zebrafish as A Tool for Exploration of Mitochondrial Defects Affecting the Nervous System. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2409.	4.1	16
42	The peptide transporter 1a of the zebrafish <i>Danio rerio</i> , an emerging model in nutrigenomics and nutrition research: molecular characterization, functional properties, and expression analysis. <i>Genes and Nutrition</i> , 2019, 14, 33.	2.5	14
43	Type II Na ⁺ -phosphate Cotransporters and Phosphate Balance in Teleost Fish. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 193-212.	2.8	9
44	Carnosine modulates the Sp1-Slc31a1/Ctr1 copper-sensing system and influences copper homeostasis in murine CNS-derived cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C235-C245.	4.6	18
45	Comparative Characterization of the Atlantic salmon, <i>Salmo salar</i> L., Di/Tripeptide Transporters PepT1a and PepT1b. <i>FASEB Journal</i> , 2019, 33, 729.1.	0.5	0
46	SLC15 family of peptide transporters (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	0
47	Flow Cytometric Analysis of Monocytes Polarization and Reprogramming From Inflammatory to Immunosuppressive Phase During Sepsis. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2019, 30, 371-384.	0.7	8
48	Multi-Sensors Integration in a Human Gut-On-Chip Platform. <i>Proceedings (mdpi)</i> , 2018, 2, 1022.	0.2	1
49	Dissecting KMT2D missense mutations in Kabuki syndrome patients. <i>Human Molecular Genetics</i> , 2018, 27, 3651-3668.	2.9	49
50	Responsiveness of Carnosine Homeostasis Genes in the Pancreas and Brain of Streptozotocin-Treated Mice Exposed to Dietary Carnosine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1713.	4.1	12
51	Buccal micronucleus cytome assay in primary school children: A descriptive analysis of the MAPEC_LIFE multicenter cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 883-892.	4.3	30
52	Molecular and expression analysis of the Allograft inflammatory factor 1 (AIF-1) in the coelomocytes of the common sea urchin <i>Paracentrotus lividus</i> . <i>Fish and Shellfish Immunology</i> , 2017, 71, 136-143.	3.6	6
53	Di- and tripeptide transport in vertebrates: the contribution of teleost fish models. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 395-462.	1.5	48
54	Human bocavirus: Current knowledge and future challenges. <i>World Journal of Gastroenterology</i> , 2016, 22, 8684.	3.3	132

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55	In vitro diagnosis of sepsis: a review. Pathology and Laboratory Medicine International, 2016, , 1.	0.2	5
56	Platinated Nucleotides are Substrates for the Human Mitochondrial Deoxynucleotide Carrier (DNC) and DNA Polymerase β : Relevance for the Development of New Platinum-Based Drugs.. ChemistrySelect, 2016, 1, 4633-4637.	1.5	10
57	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. Materials Science and Engineering C, 2016, 69, 884-893.	7.3	48
58	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.	3.5	11
59	Dolichol-phosphate mannanose synthase depletion in zebrafish leads to dystrophic muscle with hypoglycosylated α -dystroglycan. Biochemical and Biophysical Research Communications, 2016, 477, 137-143.	2.1	17
60	Adsorption of the cis-[Pt(NH ₃) ₂ (P ₂ O ₇)] ²⁻ (phosphaplatin) on hydroxyapatite nanocrystals as a smart way to selectively release activated cis-[Pt(NH ₃) ₂ Cl ₂] (cisplatin) in tumor tissues. Journal of Inorganic Biochemistry, 2016, 157, 73-79.	3.5	18
61	Ostreopsis cf. ovata induces cytoskeletal disorganization, apoptosis, and gene expression dysregulation on HeLa cells. Journal of Applied Phycology, 2015, 27, 2321-2332.	2.8	4
62	Teleost fish models in membrane transport research: the PEPT1(SLC15A1) H ⁺ -oligopeptide transporter as a case study. Journal of Physiology, 2014, 592, 881-897.	2.9	49
63	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.	3.6	15
64	Protein cold adaptation strategy via a unique seven-amino acid domain in the icefish (<i>Chionodraco</i>) <i>Tj ETQq000rgBT/Overlock 10</i> of America, 2013, 110, 7068-7073.	7.1	24
65	Peptide transporter isoforms are discriminated by the fluorophore-conjugated dipeptides β -Ala- and γ -Ala-Lys-N-7-amino-4-methylcoumarin-3-acetic acid. Physiological Reports, 2013, 1, e00165.	1.7	15
66	Comparative Analysis and Functional Mapping of <i>SACS</i> Mutations Reveal Novel Insights into Sacsin Repeated Architecture. Human Mutation, 2013, 34, 525-537.	2.5	31
67	Anti-Aggregating Effect of the Naturally Occurring Dipeptide Carnosine on A β ²¹⁻⁴² Fibril Formation. PLoS ONE, 2013, 8, e68159.	2.5	58
68	Molecular Biomarkers: Tools of Medicine. BioMed Research International, 2013, 2013, 1-2.	1.9	2
69	Mitochondrial DNA metabolism in early development of zebrafish (<i>Danio rerio</i>). Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1002-1011.	1.0	78
70	Peptide transport and animal growth: the fish paradigm. Biology Letters, 2011, 7, 597-600.	2.3	55
71	Effects of various diet formulations (experimental and commercial) on the morphology of the liver and intestine of rainbow trout (<i>Oncorhynchus mykiss</i>) juveniles. Aquaculture Research, 2011, 42, 1796-1806.	1.8	20
72	The effect of peptide absorption on PepT1 gene expression and digestive system hormones in rainbow trout (<i>Oncorhynchus mykiss</i>). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 155, 107-114.	1.8	68

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73	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 (<i>Cyprinus carpio</i> L.). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, 158-169.	1.8	91
74	Transport of di- and tripeptides in teleost fish intestine. <i>Aquaculture Research</i> , 2010, 41, 641-653.	1.8	55
75	Molecular Cloning and Functional Expression of Atlantic Salmon Peptide Transporter 1 in <i>Xenopus</i> Oocytes Reveals Efficient Intestinal Uptake of Lysine-Containing and Other Bioactive Di- and Tripeptides in Teleost Fish. <i>Journal of Nutrition</i> , 2010, 140, 893-900.	2.9	45
76	Functional expression of SLC15 peptide transporters in rat thyroid follicular cells. <i>Molecular and Cellular Endocrinology</i> , 2010, 315, 174-181.	3.2	21
77	Dietary protein hydrolysates and free amino acids affect the spatial expression of peptide transporter PepT1 in the digestive tract of Atlantic cod (<i>Gadus morhua</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 48-55.	1.6	69
78	Pulsed laser deposition of organic and biological materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 435-440.	2.2	14
79	Impact of feed availability on PepT1 mRNA expression levels in sea bass (<i>Dicentrarchus labrax</i>). <i>Aquaculture</i> , 2009, 294, 288-299.	3.5	85
80	Possible Incorporation of Free N7-Platinated Guanines in DNA by DNA Polymerases, Relevance for the Cisplatin Mechanism of Action. , 2009, , 125-132.		5
81	Cloning Two PepT1 cDNA Fragments of Common Carp, <i>Cyprinus Carpio</i> (Actinopterygii). <i>Tj ETQq1</i> , 1.1 0.784314 rgBT 10.7		
82	PKC α -dependent cytosol-to-membrane translocation of pendrin in rat thyroid PC Cl3 cells. <i>Journal of Cellular Physiology</i> , 2008, 217, 103-112.	4.1	28
83	Experimental Evidence That a DNA Polymerase Can Incorporate N7 α -Platinated Guanines To Give Platinated DNA. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 507-510.	13.8	31
84	A rapid and inexpensive method to assay transport of short chain peptides across intestinal brush-border membrane vesicles from the European eel (<i>Anguilla anguilla</i>). <i>Aquaculture Nutrition</i> , 2008, 14, 341-349.	2.7	4
85	Functional and structural characterization of the zebrafish Na ⁺ -sulfate cotransporter 1 (NaS1) cDNA and gene (slc13a1). <i>Physiological Genomics</i> , 2008, 34, 256-264.	2.3	11
86	Oligopeptide transporter PepT1 in Atlantic cod (<i>Gadus morhua</i>): cloning, tissue expression and comparative aspects. <i>Journal of Experimental Biology</i> , 2007, 210, 3883-3896.	1.7	58
87	19.3. Peptide transport systems in crustacean models. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, S87.	1.8	0
88	Biochemical Characterization of a S-glutathionylated Carbonic Anhydrase Isolated from Gills of the Antarctic Icefish <i>Chionodraco hamatus</i> . <i>Protein Journal</i> , 2007, 26, 335-348.	1.6	13
89	High-affinity peptide transporter PEPT2 (SLC15A2) of the zebrafish <i>Danio rerio</i> : functional properties, genomic organization, and expression analysis. <i>Physiological Genomics</i> , 2006, 24, 207-217.	2.3	48
90	Effects of extracellular nucleotides in the thyroid: P2Y2 receptor-mediated ERK1/2 activation and c-Fos induction in PC Cl3 cells. <i>Cellular Signalling</i> , 2005, 17, 739-749.	3.6	18

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91	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.	4.6	11
92	Pharmacokinetics of cephalexin in sea bream, Sparus aurata (L.), after a single intraperitoneal injection. Journal of Applied Ichthyology, 2004, 20, 422-426.	0.7	4
93	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.	1.8	11
94	Molecular and functional characterisation of the zebrafish (Danio rerio) PEPT1-type peptide transporter1. FEBS Letters, 2003, 549, 115-122.	2.8	147
95	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.	3.6	19
96	Cell shape and plasma membrane alterations after static magnetic fields exposure. European Journal of Histochemistry, 2003, 47, 299.	1.5	101
97	d-Glucose transport in decapod crustacean hepatopancreas. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 130, 585-606.	1.8	121
98	The Bacteriophage T7 Binary System Activates Transient Transgene Expression in Zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	20
99	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.	2.8	45
100	Thyroid hormone stimulation of Na/Pi-cotransport in opossum kidney cells. Pflugers Archiv European Journal of Physiology, 1995, 431, 266-271.	2.8	34
101	Expression of rat ileal Na ⁺ -sulphate cotransport in Xenopus laevis oocytes: functional characterization. Pflugers Archiv European Journal of Physiology, 1994, 427, 252-256.	2.8	5
102	cDNA cloning of a rat small-intestinal Na ⁺ /SO ₄ ²⁻ cotransporter. Pflugers Archiv European Journal of Physiology, 1994, 428, 217-223.	2.8	14
103	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.	2.6	28