

Shigehisa Hirose

List of Publications by Year in descending order

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117
papers

5,682
citations

50170

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85405

71
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117
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docs citations

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times ranked

4604
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | MARCHÂ€ is a novel mitofusin 2â€and Drp1â€binding protein able to change mitochondrial morphology. EMBO Reports, 2006, 7, 1019-1022. | 2.0 | 369 |
| 2 | Molecular biology of major components of chloride cells. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 136, 593-620. | 0.7 | 250 |
| 3 | Mechanism of acid adaptation of a fish living in a pH 3.5 lake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R1199-R1212. | 0.9 | 189 |
| 4 | Ammonia secretion from fish gill depends on a set of Rh glycoproteins. FASEB Journal, 2007, 21, 1067-1074. | 0.2 | 174 |
| 5 | The trappin gene family: proteins defined by an N-terminal transglutaminase substrate domain and a C-terminal four-disulphide core. Biochemical Journal, 1999, 340, 569-577. | 1.7 | 170 |
| 6 | Enhanced Expression of Endothelial Oxidized Low-Density Lipoprotein Receptor (LOX-1) in Hypertensive Rats. Biochemical and Biophysical Research Communications, 1997, 237, 496-498. | 1.0 | 155 |
| 7 | Regulation of Mitochondrial Morphology by USP30, a Deubiquitinating Enzyme Present in the Mitochondrial Outer Membrane. Molecular Biology of the Cell, 2008, 19, 1903-1911. | 0.9 | 147 |
| 8 | Immunochemical identification of renin in rat brain and distinction from acid proteases. Nature, 1978, 274, 392-393. | 13.7 | 142 |
| 9 | Inwardly rectifying K ⁺ channel Kir7.1 is highly expressed in thyroid follicular cells, intestinal epithelial cells and choroid plexus epithelial cells: implication for a functional coupling with Na ⁺ ,K ⁺ -ATPase. Biochemical Journal, 1999, 342, 329-336. | 1.7 | 114 |
| 10 | Renin and prorenin in hog brain: Ubiquitous distribution and high concentration in the pituitary and pineal. Brain Research, 1980, 191, 489-499. | 1.1 | 111 |
| 11 | Elastase Inhibitor Elafin Is a New Type of Proteinase Inhibitor Which Has a Transglutaminase-Mediated Anchoring Sequence Termed "Cementoin"1. Journal of Biochemistry, 1994, 115, 441-448. | 0.9 | 108 |
| 12 | Visualization in zebrafish larvae of Na ⁺ uptake in mitochondria-rich cells whose differentiation is dependent on foxi3a. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R470-R480. | 0.9 | 103 |
| 13 | Genomic Organization and Regulation of Expression of the Lectin-like Oxidized Low-density Lipoprotein Receptor (LOX-1) Gene. Journal of Biological Chemistry, 1998, 273, 33702-33707. | 1.6 | 98 |
| 14 | Dimerization of Midkine by Tissue Transglutaminase and Its Functional Implication. Journal of Biological Chemistry, 1997, 272, 9410-9416. | 1.6 | 97 |
| 15 | Multiplicity, Structures, and Endocrine and Exocrine Natures of Eel Fucose-binding Lectins. Journal of Biological Chemistry, 2000, 275, 33151-33157. | 1.6 | 97 |
| 16 | Rh glycoprotein expression is modulated in pufferfish (<i>Takifugu rubripes</i>) during high environmental ammonia exposure. Journal of Experimental Biology, 2010, 213, 3150-3160. | 0.8 | 95 |
| 17 | <i>Takifugu obscurus</i> is a euryhaline fugu species very close to <i>Takifugu rubripes</i> and suitable for studying osmoregulation. BMC Physiology, 2005, 5, 18. | 3.6 | 89 |
| 18 | Localization of ammonia transporter Rhcg1 in mitochondrion-rich cells of yolk sac, gill, and kidney of zebrafish and its ionic strength-dependent expression. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1743-R1753. | 0.9 | 86 |

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|----|--|-----|-----------|
| 19 | Neuropeptide Specificity and Inhibition of Recombinant Isoforms of the Endopeptidase 3.4.24.16 Family: Comparison with the Related Recombinant Endopeptidase 3.4.24.15. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 5-11. | 1.0 | 80 |
| 20 | Alveolar soft-part sarcoma. <i>American Journal of Surgical Pathology</i> , 1983, 7, 679-690. | 2.1 | 76 |
| 21 | Primary structure of the human elafin precursor preproelafin deduced from the nucleotide sequence of its gene and the presence of unique repetitive sequences in the prosegment. <i>Biochemical and Biophysical Research Communications</i> , 1992, 185, 240-245. | 1.0 | 74 |
| 22 | MARCH-II Is a Syntaxin-6-binding Protein Involved in Endosomal Trafficking. <i>Molecular Biology of the Cell</i> , 2005, 16, 1696-1710. | 0.9 | 71 |
| 23 | Expression of endocrine genes in zebrafish larvae in response to environmental salinity. <i>Journal of Endocrinology</i> , 2007, 193, 481-491. | 1.2 | 71 |
| 24 | Mechanism of development of ionocytes rich in vacuolar-type H ⁺ -ATPase in the skin of zebrafish larvae. <i>Developmental Biology</i> , 2009, 329, 116-129. | 0.9 | 69 |
| 25 | Cleavage of Ig-Hepta at a SEA-Module and at a Conserved G Protein-coupled Receptor Proteolytic Site. <i>Journal of Biological Chemistry</i> , 2002, 277, 23391-23398. | 1.6 | 68 |
| 26 | Localization of Inward Rectifier Potassium Channel Kir7.1 in the Basolateral Membrane of Distal Nephron and Collecting Duct. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 1987-1994. | 3.0 | 68 |
| 27 | Cloning and expression of eel natriuretic-peptide receptor B and comparison with its mammalian counterparts. <i>FEBS Journal</i> , 1994, 222, 835-842. | 0.2 | 62 |
| 28 | Ig-Hepta, a Novel Member of the G Protein-coupled Hepta-helical Receptor (GPCR) Family That Has Immunoglobulin-like Repeats in a Long N-terminal Extracellular Domain and Defines a New Subfamily of GPCRs. <i>Journal of Biological Chemistry</i> , 1999, 274, 19957-19964. | 1.6 | 60 |
| 29 | Lung Surfactant Levels are Regulated by Ig-Hepta/GPR116 by Monitoring Surfactant Protein D. <i>PLoS ONE</i> , 2013, 8, e69451. | 1.1 | 60 |
| 30 | Bifunctional Atrial Natriuretic Peptide Receptor (Type A) Exists as a Disulfide-Linked Tetramer in Plasma Membranes of Bovine Adrenal Cortex. <i>Journal of Biochemistry</i> , 1991, 110, 35-39. | 0.9 | 59 |
| 31 | Identification of plasma inactive renin as prorenin with a site-directed antibody. <i>Biochemical and Biophysical Research Communications</i> , 1985, 126, 641-645. | 1.0 | 58 |
| 32 | Solubilization and molecular weight estimation of atrial natriuretic factor receptor from bovine adrenal cortex. <i>Biochemical and Biophysical Research Communications</i> , 1985, 130, 574-579. | 1.0 | 58 |
| 33 | Identification by Differential Display of a Hypertonicity-inducible Inward Rectifier Potassium Channel Highly Expressed in Chloride Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 11376-11382. | 1.6 | 58 |
| 34 | Relationships between obesity and metabolic hormones in the cobalt-variant of rainbow trout. <i>General and Comparative Endocrinology</i> , 2002, 128, 36-43. | 0.8 | 58 |
| 35 | Up-Regulation of Elafin/SKALP Gene Expression in Psoriatic Epidermis. <i>Journal of Investigative Dermatology</i> , 1994, 103, 88-91. | 0.3 | 57 |
| 36 | Eel urea transporter is localized to chloride cells and is salinity dependent. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1594-R1604. | 0.9 | 57 |

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|----|---|-----|-----------|
| 37 | The natriuretic peptide system in eels: a key endocrine system for euryhalinity?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R940-R951. | 0.9 | 56 |
| 38 | Close Association of Carbonic Anhydrase (CA2a and CA15a), Na ⁺ /H ⁺ Exchanger (Nhe3b), and Ammonia Transporter Rhcg1 in Zebrafish Ionocytes Responsible for Na ⁺ Uptake. Frontiers in Physiology, 2013, 4, 59. | 1.3 | 56 |
| 39 | MARCH-XI, a Novel Transmembrane Ubiquitin Ligase Implicated in Ubiquitin-dependent Protein Sorting in Developing Spermatids*. Journal of Biological Chemistry, 2007, 282, 24806-24815. | 1.6 | 54 |
| 40 | In Situ Identification of Messenger RNA of Endothelial Type Nitric Oxide Synthase in Rat Cardiac Myocytes. Biochemical and Biophysical Research Communications, 1996, 218, 601-605. | 1.0 | 53 |
| 41 | Stimulation by C-Type Natriuretic Peptide of the Differentiation of Clonal Osteoblastic MC3T3-E1 Cells. Biochemical and Biophysical Research Communications, 1996, 221, 703-707. | 1.0 | 51 |
| 42 | Unique repetitive sequence and unexpected regulation of expression of rat endothelial receptor for oxidized low-density lipoprotein (LOX-1). Biochemical Journal, 1998, 330, 1417-1422. | 1.7 | 51 |
| 43 | Accumulation of Elafin in Actinic Elastosis of Sun-Damaged Skin: Elafin Binds to Elastin and Prevents Elastolytic Degradation. Journal of Investigative Dermatology, 2007, 127, 1358-1366. | 0.3 | 51 |
| 44 | Tissue distribution and localization of natriuretic peptide receptor subtypes in stroke-prone spontaneously hypertensive rats. Journal of Hypertension, 1997, 15, 1235-1243. | 0.3 | 50 |
| 45 | Cloning and Properties of a Novel Natriuretic Peptide Receptor, NPR-D. FEBS Journal, 1995, 233, 102-109. | 0.2 | 49 |
| 46 | Roles of Slc13a1 and Slc26a1 sulfate transporters of eel kidney in sulfate homeostasis and osmoregulation in freshwater. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R575-R585. | 0.9 | 48 |
| 47 | Differential subcellular distribution of neurolysin (EC 3.4.24.16) and thimet oligopeptidase (EC Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.1 | 47 |
| 48 | Mutational analysis of action of mitochondrial fusion factor mitofusin-2. Journal of Cell Science, 2005, 118, 3153-3161. | 1.2 | 47 |
| 49 | Cloning and sequence analysis of cDNA clones for bovine aortic-endothelial-cell transglutaminase. FEBS Journal, 1991, 202, 15-21. | 0.2 | 46 |
| 50 | Effects of nitric oxide from exogenous nitric oxide donors on osteoblastic metabolism. European Journal of Pharmacology, 1998, 349, 345-350. | 1.7 | 46 |
| 51 | Targeting of Endopeptidase 24.16 to Different Subcellular Compartments by Alternative Promoter Usage. Journal of Biological Chemistry, 1997, 272, 15313-15322. | 1.6 | 43 |
| 52 | Accelerated Evolution in Inhibitor Domains of Porcine Elafin Family Members. Journal of Biological Chemistry, 1996, 271, 7012-7018. | 1.6 | 41 |
| 53 | Structure, properties and enhanced expression of galactose-binding C-type lectins in mucous cells of gills from freshwater Japanese eels (<i>Anguilla japonica</i>). Biochemical Journal, 2001, 360, 107. | 1.7 | 41 |
| 54 | Cloning, properties and tissue distribution of natriuretic peptide receptor-A of euryhaline eel, <i>Anguilla japonica</i> . FEBS Journal, 1999, 259, 204-211. | 0.2 | 38 |

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|----|---|-----|-----------|
| 55 | MARCH-III Is a Novel Component of Endosomes with Properties Similar to Those of MARCH-II. <i>Journal of Biochemistry</i> , 2006, 139, 137-145. | 0.9 | 38 |
| 56 | Stage-specific enhanced expression of mitochondrial fusion and fission factors during spermatogenesis in rat testis. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 424-432. | 1.0 | 37 |
| 57 | Membrane-associated RING-CH 10 (MARCH10 Protein) Is a Microtubule-associated E3 Ubiquitin Ligase of the Spermatid Flagella. <i>Journal of Biological Chemistry</i> , 2011, 286, 39082-39090. | 1.6 | 33 |
| 58 | Cloning, amino acid sequence and tissue distribution of porcine thimet oligopeptidase. A comparison with soluble angiotensin-binding protein. <i>FEBS Journal</i> , 1994, 221, 159-165. | 0.2 | 32 |
| 59 | Comparative molecular biology of natriuretic peptide receptors. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 665-672. | 0.7 | 32 |
| 60 | Na ⁺ /H ⁺ and Na ⁺ /NH ₄ ⁺ exchange activities of zebrafish NHE3b expressed in <i>Xenopus</i> oocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R315-R327. | 0.9 | 31 |
| 61 | Multiple Processing of Ig-Hepta/GPR116, a G Protein-Coupled Receptor with Immunoglobulin (Ig)-Like Repeats, and Generation of EGF2-Like Fragment. <i>Journal of Biochemistry</i> , 2006, 140, 445-452. | 0.9 | 30 |
| 62 | Identification of zebrafish FXVD11a protein that is highly expressed in ion-transporting epithelium of the gill and skin and its possible role in ion homeostasis. <i>Frontiers in Physiology</i> , 2010, 1, 129. | 1.3 | 30 |
| 63 | Cloning, Properties, Site-Directed Mutagenesis Analysis of the Subunit Structure, Tissue Distribution and Regulation of Expression of the Type-C Eel Natriuretic Peptide Receptor. <i>FEBS Journal</i> , 1995, 227, 673-680. | 0.2 | 30 |
| 64 | Role of Natriuretic Peptide Receptor Type C in Dahl Salt-Sensitive Hypertensive Rats. <i>Hypertension</i> , 1997, 30, 177-183. | 1.3 | 29 |
| 65 | Purification and characterization of angiotensin-binding protein from porcine liver cytosolic fraction. <i>FEBS Journal</i> , 1989, 185, 405-410. | 0.2 | 27 |
| 66 | Physical and functional association of the atrial natriuretic peptide receptor with particulate guanylate cyclase as demonstrated using detergent extracts of bovine lung membranes. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 101-106. | 1.0 | 26 |
| 67 | His145-Trp146 Residues and the Disulfide-Linked Loops in Atrial Natriuretic Peptide Receptor Are Critical for the Ligand-Binding Activity ¹ . <i>Journal of Biochemistry</i> , 1994, 115, 563-567. | 0.9 | 26 |
| 68 | Ubiquitin-specific protease 19 regulates the stability of the E3 ubiquitin ligase MARCH6. <i>Experimental Cell Research</i> , 2014, 328, 207-216. | 1.2 | 26 |
| 69 | Sensory systems and ionocytes are targets for silver nanoparticle effects in fish. <i>Nanotoxicology</i> , 2016, 10, 1276-1286. | 1.6 | 26 |
| 70 | Effects of Desacetyl- β -MSH on Lipid Mobilization in the Rainbow Trout, <i>Oncorhynchus mykiss</i> . <i>Zoological Science</i> , 2000, 17, 1123-1127. | 0.3 | 25 |
| 71 | Rhesus Glycoprotein P2 (Rhp2) Is a Novel Member of the Rh Family of Ammonia Transporters Highly Expressed in Shark Kidney. <i>Journal of Biological Chemistry</i> , 2010, 285, 2653-2664. | 1.6 | 25 |
| 72 | Synthesis and Characterization of Human Prorenin in <i>Escherichia coli</i> . <i>Journal of Biochemistry</i> , 1986, 100, 425-432. | 0.9 | 24 |

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|----|--|-----|-----------|
| 73 | MARCH7 E3 ubiquitin ligase is highly expressed in developing spermatids of rats and its possible involvement in head and tail formation. <i>Histochemistry and Cell Biology</i> , 2013, 139, 447-460. | 0.8 | 23 |
| 74 | Interrelation between nitric oxide synthase and heme oxygenase in rat endothelial cells. <i>European Journal of Pharmacology</i> , 1997, 331, 87-91. | 1.7 | 22 |
| 75 | Loss of the adhesion G-protein coupled receptor ADGRF5 in mice induces airway inflammation and the expression of CCL2 in lung endothelial cells. <i>Respiratory Research</i> , 2019, 20, 11. | 1.4 | 22 |
| 76 | Orphan GPR116 mediates the insulin sensitizing effects of the hepatokine FNDC4 in adipose tissue. <i>Nature Communications</i> , 2021, 12, 2999. | 5.8 | 22 |
| 77 | INTERMEDIATE MOLECULAR WEIGHT RENIN AND RENIN-BINDING PROTEIN(S) IN THE HOG KIDNEY . <i>Biomedical Research</i> , 1980, 1, 392-399. | 0.3 | 22 |
| 78 | Identification of SAMT family proteins as substrates of MARCH11 in mouse spermatids. <i>Histochemistry and Cell Biology</i> , 2012, 137, 53-65. | 0.8 | 21 |
| 79 | Targeted Disruption of Ig-Hepta/Gpr116 Causes Emphysema-like Symptoms That Are Associated with Alveolar Macrophage Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 11032-11040. | 1.6 | 20 |
| 80 | Endothelins inhibit the mineralization of osteoblastic MC3T3-E1 cells through the A-type endothelin receptor. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1099-R1105. | 0.9 | 19 |
| 81 | Identification and proximal tubular localization of the Mg ²⁺ transporter, Slc41a1, in a seawater fish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R385-R396. | 0.9 | 19 |
| 82 | Expression of the K ⁺ channel Kir7.1 in the developing rat kidney: Role in K ⁺ excretion. <i>Kidney International</i> , 2003, 63, 969-975. | 2.6 | 18 |
| 83 | Enhanced expression and release of C-type natriuretic peptide in freshwater eels. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R1727-R1735. | 0.9 | 17 |
| 84 | Complex Structure and Regulation of Expression of the Rat Gene for Inward Rectifier Potassium Channel Kir7.1. <i>Journal of Biological Chemistry</i> , 2000, 275, 28276-28284. | 1.6 | 16 |
| 85 | FHL5, a novel actin-binding protein, is highly expressed in eel gill pillar cells and responds to wall tension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R1141-R1154. | 0.9 | 16 |
| 86 | A Novel Potential Role for Gametogenetin-Binding Protein 1 (GGNBP1) in Mitochondrial Morphogenesis During Spermatogenesis in Mice1. <i>Biology of Reproduction</i> , 2009, 80, 762-770. | 1.2 | 15 |
| 87 | Characterization of the Column and Autocellular Junctions That Define the Vasculature of Gill Lamellae. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 941-953. | 1.3 | 14 |
| 88 | Definitive Evidence for Renin in Rat Brain by Affinity Chromatographic Separation from Protease. <i>Clinical Science and Molecular Medicine Supplement</i> , 1978, 55, 121s-123s. | 0.5 | 13 |
| 89 | Cloning, Characterization, and Tissue Distribution of Porcine SPAI, a Protein with a Transglutaminase Substrate Domain and the WAP Motif. <i>Journal of Biological Chemistry</i> , 1995, 270, 22428-22433. | 1.6 | 13 |
| 90 | Cloning, Properties, Site-Directed Mutagenesis Analysis of the Subunit Structure, Tissue Distribution and Regulation of Expression of the Type Eel Natriuretic Peptide Receptor. <i>FEBS Journal</i> , 1995, 227, 673-680. | 0.2 | 13 |

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|-----|--|-----|-----------|
| 91 | Identification and lateral membrane localization of cyclin M3, likely to be involved in renal Mg ²⁺ handling in seawater fish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R525-R537. | 0.9 | 13 |
| 92 | RING finger, B-box, and coiled-coil (RBCC) protein expression in branchial epithelial cells of Japanese eel, <i>Anguilla japonica</i> . FEBS Journal, 2002, 269, 6152-6161. | 0.2 | 12 |
| 93 | Fluorescence Visualization of Branchial Collagen Columns Embraced by Pillar Cells. Journal of Histochemistry and Cytochemistry, 2007, 55, 57-62. | 1.3 | 12 |
| 94 | O ₂ -Filled Swimbladder Employs Monocarboxylate Transporters for the Generation of O ₂ by Lactate-Induced Root Effect Hemoglobin. PLoS ONE, 2012, 7, e34579. | 1.1 | 12 |
| 95 | SOLUBILIZATION AND CHARACTERIZATION OF ACTIVE ANGIOTENSIN II RECEPTORS FROM THE BOVINE ADRENAL CO₂RTEX . Biomedical Research, 1984, 5, 9-18. | 0.3 | 12 |
| 96 | Renin Precursor and Its Activation Mechanism in Hog Kidney. Clinical Science, 1980, 59, 21s-24s. | 0.0 | 11 |
| 97 | Stimulation of Na-K-Cl cotransport in cultured vascular endothelial cells by atrial natriuretic peptide. Biochemical and Biophysical Research Communications, 1989, 159, 734-740. | 1.0 | 11 |
| 98 | Ectopic Production of Renin by Ileal Carcinoma.. Endocrinologia Japonica, 1989, 36, 117-124. | 0.5 | 11 |
| 99 | Androgen-Dependent Expression, Gene Structure, and Molecular Evolution of Guinea Pig Caltrin II, a WAP-Motif Protein1. Biology of Reproduction, 2004, 71, 1583-1590. | 1.2 | 11 |
| 100 | Cell cycle-dependent changes in tissue transglutaminase mRNA levels in bovine endothelial cells. Biochemical and Biophysical Research Communications, 1992, 187, 14-17. | 1.0 | 10 |
| 101 | Stimulation by Retinoids of the Natriuretic Peptide System of Osteoblastic MC3T3-E1 Cells. Biochemical and Biophysical Research Communications, 1996, 228, 182-186. | 1.0 | 10 |
| 102 | LOCALIZATION OF RENIN mRNA IN THE MOUSE SUBMANDIBULAR GLAND BY <i>IN SITU</i> HYBRIDIZATION HISTOCHEMISTRY . Biomedical Research, 1983, 4, 591-596. | 0.3 | 10 |
| 103 | Evolution of trappin genes in mammals. BMC Evolutionary Biology, 2010, 10, 31. | 3.2 | 9 |
| 104 | Identification and apical membrane localization of an electrogenic Na ⁺ /Ca ²⁺ exchanger NCX2a likely to be involved in renal Ca ²⁺ excretion by seawater fish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1427-R1439. | 0.9 | 9 |
| 105 | Mechanism of activation of particulate guanylate cyclase by atrial natriuretic peptide as deduced from radiation inactivation analysis. Biochemical and Biophysical Research Communications, 1989, 158, 603-609. | 1.0 | 8 |
| 106 | Structural analysis of natriuretic peptide receptor-C by truncation and site-directed mutagenesis. Biochemical Journal, 1997, 322, 585-590. | 1.7 | 8 |
| 107 | Identification, Evolution, and Regulation of Expression of Guinea Pig Trappin with an Unusually Long Transglutaminase Substrate Domain*. Journal of Biological Chemistry, 2005, 280, 20204-20215. | 1.6 | 8 |
| 108 | Cryptic Origin of SPAI, a Plasma Protein with a Transglutaminase Substrate Domain and the WAP Motif, Revealed by in Situ Hybridization and Immunohistochemistry. Journal of Biological Chemistry, 1996, 271, 29517-29520. | 1.6 | 7 |

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|-----|--|-----|-----------|
| 109 | Brain Renin. Clinical and Experimental Hypertension, 1982, 4, 607-622. | 0.3 | 4 |
| 110 | Endothelins Inhibit Mineralization of Rat Calvarial Osteoblast-Like Cells. Journal of Cardiovascular Pharmacology, 1998, 31, S521-S523. | 0.8 | 4 |
| 111 | Purification of human plasma inactive renin by immunoaffinity chromatography on profragment-specific IgG. BBA - Proteins and Proteomics, 1986, 873, 27-30. | 2.1 | 3 |
| 112 | From blood typing to a transport metabolon at a crossroad. Focus on "Ammonium-dependent sodium uptake in mitochondrion-rich cells of medaka (Oryzias latipes) larvae". American Journal of Physiology - Cell Physiology, 2010, 298, C209-C210. | 2.1 | 3 |
| 113 | CO-LOCALIZATION OF ANGIOTENSIN II AND RENIN IN GROWTH HORMONE-CONTAINING CELLS OF THE BOVINEPITUITARY. Biomedical Research, 1985, 6, 23-27. | 0.3 | 3 |
| 114 | PLASMA INACTIVE RENIN IN NORMAL SUBJECTS AND PATIENTS WITH DIABETIC NEPHROPATHY AND RENINSECRETING TUMORS: COMPARISON WITH RENALRENIN. Biomedical Research, 1982, 3, 411-416. | 0.3 | 2 |
| 115 | High Molecular Weight Renins in Spontaneously Hypertensive Rat and Stroke-Prone Spontaneously Hypertensive Rat. International Heart Journal, 1977, 18, 571-572. | 0.6 | 1 |
| 116 | Purification and Properties of Bovine Pituitary Renin. Clinical Science, 1982, 63, 179s-181s. | 0.0 | 0 |
| 117 | Characterization of the zebrafish cx36.7 gene promoter: Its regulation of cardiac-specific expression and skeletal muscle-specific repression. Gene, 2016, 577, 265-274. | 1.0 | 0 |