Yuen K Ip

List of Publications by Year
in descending order

227 papers	5,718 citations	76326 40 h-index	138484 58 g-index
228 all docs	228 docs citations	228 times ranked	2873 citing authors

#	Article	IF	Citations
1	The giant clam Tridacna squamosa quickly regenerates iridocytes and restores symbiont quantity and phototrophic potential to above-control levels in the outer mantle after darkness-induced bleaching. Coral Reefs, 2022, 41, 35-51.	2.2	2
2	Molecular characterization, immunofluorescent localization, and expression levels of two bicarbonate anion transporters in the whitish mantle of the giant clam, Tridacna squamosa, and the implications for light-enhanced shell formation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 268, 111200.	1.8	1
3	Ammonia transporter 2 as a molecular marker to elucidate the potentials of ammonia transport in phylotypes of Symbiodinium, Cladocopium and Durusdinium in the fluted giant clam, Tridacna squamosa. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 269, 111225.	1.8	2
4	Symbiotic Dinoflagellates of the Giant Clam, Tridacna squamosa, Express Ammonium Transporter 2 at the Plasma Membrane and Increase Its Expression Levels During Illumination. Frontiers in Marine Science, 2022, 9, .	2.5	4
5	Molecular characterization and light-dependent expression of glycerol facilitator (GlpF) in coccoid Symbiodiniaceae dinoflagellates of the giant clam Tridacna squamosa. Gene Reports, 2022, 27, 101623.	0.8	0
6	Effects of seawater acclimation on two Na+/K+-ATPase Î±-subunit isoforms in the gills of the marble goby, Oxyeleotris marmorata. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 253, 110853.	1.8	1
7	Illumination enhances the protein abundance of sarcoplasmic reticulum Ca2+-ATPases-like transporter in the ctenidium and whitish inner mantle of the giant clam, Tridacna squamosa, to augment exogenous Ca2+ uptake and shell formation, respectively. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 251, 110811.	1.8	7
8	Using form II ribulose-1,5-bisphosphate carboxylase/oxygenase to estimate the phototrophic potentials of Symbiodinium, Cladocopium and Durusdinium in various organs of the fluted giant clam, Tridacna squamosa, and to evaluate their responses to light upon isolation from the host. Coral Reefs, 2021, 40, 233-250.	2.2	9
9	Light-Dependent Phenomena and Related Molecular Mechanisms in Giant Clam-Dinoflagellate Associations: A Review. Frontiers in Marine Science, 2021, 8, .	2.5	18
10	Sodium-Dependent Phosphate Transporter Protein 1 Is Involved in the Active Uptake of Inorganic Phosphate in Nephrocytes of the Kidney and the Translocation of Pi Into the Tubular Epithelial Cells in the Outer Mantle of the Giant Clam, Tridacna squamosa. Frontiers in Marine Science, 2021, 8, .	2.5	2
11	Using glutamine synthetase 1 to evaluate the symbionts' potential of ammonia assimilation and their responses to illumination in five organs of the giant clam, Tridacna squamosa. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 255, 110914.	1.8	7
12	Transepithelial absorption of exogenous inorganic carbon in the ctenidium of the giant clam, Tridacna squamosa involves a basolateral electrogenic Na+â€“HCO3â^' cotransporter 1 that displays light-enhanced gene and protein expression levels. Coral Reefs, 2021, 40, 1849-1865.	2.2	3
13	Basolateral Na+/Ca2+ exchanger 1 and Na+/K+-ATPase, which display light-enhanced gene and protein expression levels, could be involved in the absorption of exogenous Ca2+ through the ctenidium of the giant clam, Tridacna squamosa. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 259, 110997.	1.8	0
14	Molecular characterization, cellular localization and light-dependent expression of dinoflagellate vacuolar-type H+-ATPase (VHA) subunit B in the colourful outer mantle of the giant clam, Tridacna squamosa, indicate the involvement of VHA in CO2 uptake in the photosynthesizing symbionts. Plant Gene, 2021, 28, 100328.	2.3	3
15	The colorful mantle of the giant clam Tridacna squamosa expresses a homolog of electrogenic sodium: Bicarbonate cotransporter 2 that mediates the supply of inorganic carbon to photosynthesizing symbionts. PLoS ONE, 2021, 16, e0258519.	2.5	3
16	Using Transcript Levels of Nitrate Transporter 2 as Molecular Indicators to Estimate the Potentials of Nitrate Transport in Symbiodinium, Cladocopium, and Durusdinium of the Fluted Giant Clam, Tridacna squamosa. Frontiers in Marine Science, 2021, 8, .	2.5	4
17	Symbiodiniaceae Dinoflagellates Express Urease in Three Subcellular Compartments and Upregulate its Expression Levels inÂsitu in Three Organs of a Giant Clam (Tridacna squamosa) During Illumination. Journal of Phycology, 2020, 56, 1696-1711.	2.3	9
18	The fluted giant clam (Tridacna squamosa) increases the protein abundance of the host's copper-zinc superoxide dismutase in the colorful outer mantle, but not the whitish inner mantle, during light exposure. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 250, 110791.	1.8	3

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19	The fluted giant clam (Tridacna squamosa) increases nitrate absorption and upregulates the expression of a homolog of SIALIN (H+:2NO3â^' cotransporter) in the ctenidium during light exposure. Coral Reefs, 2020, 39, 451-465.	2.2	19
20	Phototrophic potential and form II ribulose-1,5-bisphosphate carboxylase/oxygenase expression in five organs of the fluted giant clam, Tridacna squamosa. Coral Reefs, 2020, 39, 361-374.	2.2	20
21	Light-enhanced phosphate absorption in the fluted giant clam, Tridacna squamosa, entails an increase in the expression of sodium-dependent phosphate transporter 2a in its colourful outer mantle. Coral Reefs, 2020, 39, 1055-1070.	2.2	10
22	Shell formation in the giant clam, Tridacna squamosa, may involve an apical Na+/Ca2+ exchanger 3 homolog in the shell-facing epithelium of the whitish inner mantle, which displays light-enhanced gene and protein expression. Coral Reefs, 2019, 38, 1173-1186.	2.2	11
23	Calcium absorption in the fluted giant clam, Tridacna squamosa, may involve a homolog of voltage-gated calcium channel subunit Î±1 (CACNA1) that has an apical localization and displays light-enhanced protein expression in the ctenidium. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2019, 189, 693-706.	1.5	13
24	With illumination, the fluted giant clam,Tridacna squamosa, upregulates the protein abundance of an apical Na+: glucose cotransporter 1 homolog in its ctenidium, and increases exogenous glucose absorption that can be impeded by urea. Journal of Experimental Biology, 2019, 222, .	1.7	14
25	Molecular characterization, cellular localization, and light-enhanced expression of Beta-Na+/H+ Exchanger-like in the whitish inner mantle of the giant clam, Tridacna squamosa, denote its role in light-enhanced shell formation. Gene, 2019, 695, 101-112.	2.2	10
26	Light-enhanced expression of Carbonic Anhydrase 4-like supports shell formation in the fluted giant clam Tridacna squamosa. Gene, 2019, 683, 101-112.	2.2	31
27	The Non-ureogenic Stinging Catfish, Heteropneustes fossilis, Actively Excretes Ammonia With the Help of Na+/K+-ATPase When Exposed to Environmental Ammonia. Frontiers in Physiology, 2019, 10, 1615.	2.8	4
28	Molecular characterization of a novel algal glutamine synthetase (GS) and an algal glutamate synthase (GOGAT) from the colorful outer mantle of the giant clam, Tridacna squamosa, and the putative GS-GOGAT cycle in its symbiotic zooxanthellae. Gene, 2018, 656, 40-52.	2.2	16
29	Light exposure enhances urea absorption in the fluted giant clam,Tridacna squamosa, and up-regulates the protein abundance of a light-dependent urea active transporter, DUR3-like, in its ctenidium. Journal of Experimental Biology, 2018, 221, .	1.7	30
30	Molecular characterization, light-dependent expression, and cellular localization of a host vacuolar-type H + -ATPase (VHA) subunit A in the giant clam, Tridacna squamosa , indicate the involvement of the host VHA in the uptake of inorganic carbon and its supply to the symbiotic zooxanthellae. Gene, 2018, 659, 137-148.	2.2	34
31	The colorful mantle of the giant clam, Tridacna squamosa, expresses a light-dependent manganese superoxide dismutase to ameliorate oxidative stresses due to its symbiotic association with zooxanthellae. Coral Reefs, 2018, 37, 1039-1051.	2.2	8
32	Air-breathing and excretory nitrogen metabolism in fishes. Acta Histochemica, 2018, 120, 680-690.	1.8	45
33	RNA sequencing, de novo assembly and differential analysis of the gill transcriptome of freshwater climbing perch Anabas testudineus after 6 days of seawater exposure. Journal of Fish Biology, 2018, 93, 215-228.	1.6	10
34	Molecular Characterization of a Dual Domain Carbonic Anhydrase From the Ctenidium of the Giant Clam, Tridacna squamosa, and Its Expression Levels After Light Exposure, Cellular Localization, and Possible Role in the Uptake of Exogenous Inorganic Carbon. Frontiers in Physiology, 2018, 9, 281.	2.8	25
35	The ctenidium of the giant clam, Tridacna squamosa, expresses an ammonium transporter 1 that displays light-suppressed gene and protein expression and may be involved in ammonia excretion. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2018, 188, 765-777.	1.5	15
36	A light-dependent ammonia-assimilating mechanism in the ctenidia of a giant clam. Coral Reefs, 2017, 36, 311-323.	2.2	40

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37	Molecular characterization of myostatin from the skeletal muscle of the African lungfish, Protopterus annectens, and changes in its mRNA and protein expression levels during three phases of aestivation. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 575-589.	1.5	10
38	Ammonia exposure affects the mRNA and protein expression levels of certain Rhesus glycoproteins in the gills of climbing perch. Journal of Experimental Biology, 2017, 220, 2916-2931.	1.7	5
39	Molecular characterization of two Rhesus glycoproteins from the euryhaline freshwater white-rimmed stingray, Himantura signifer, and changes in their transcript levels and protein abundance in the gills, kidney, and liver during brackish water acclimation. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 911-929.	1.5	6
40	Identification and distribution of neuronal nitric oxide synthase and neurochemical markers in the neuroepithelial cells of the gill and the skin in the giant mudskipper, Periophthalmodon schlosseri. Zoology, 2017, 125, 41-52.	1.2	44
41	Light-dependent expression of a Na⁺/H⁺exchanger 3-like transporter in the ctenidium of the giant clam,Tridacna squamosa, can be related to increased H⁺excretion during light-enhanced calcification. Physiological Reports, 2017, 5, e13209.	1.7	35
42	Aestivation Induces Changes in the mRNA Expression Levels and Protein Abundance of Two Isoforms of Urea Transporters in the Gills of the African Lungfish, Protopterus annectens. Frontiers in Physiology, 2017, 8, 71.	2.8	16
43	The Whitish Inner Mantle of the Giant Clam, Tridacna squamosa, Expresses an Apical Plasma Membrane Ca2+-ATPase (PMCA) Which Displays Light-Dependent Gene and Protein Expressions. Frontiers in Physiology, 2017, 8, 781.	2.8	51
44	Na+/H+ Exchanger 3 Is Expressed in Two Distinct Types of Ionocyte, and Probably Augments Ammonia Excretion in One of Them, in the Gills of the Climbing Perch Exposed to Seawater. Frontiers in Physiology, 2017, 8, 880.	2.8	9
45	Molecular characterization of three Rhesus glycoproteins from the gills of the African lungfish, Protopterus annectens, and effects of aestivation on their mRNA expression levels and protein abundance. PLoS ONE, 2017, 12, e0185814.	2.5	6
46	The inner mantle of the giant clam, Tridacna squamosa, expresses a basolateral Na+/K+-ATPase Î±-subunit, which displays light-dependent gene and protein expression along the shell-facing epithelium. PLoS ONE, 2017, 12, e0186865.	2.5	25
47	Carbonic anhydrase 2â€‰like in the giant clam, Tridacna squamosa : characterization, localization, response to light, and possible role in the transport of inorganic carbon from the host to its symbionts. Physiological Reports, 2017, 5, e13494.	1.7	40
48	Molecular Characterization of Aquaporin 1 and Aquaporin 3 from the Gills of the African Lungfish, Protopterus annectens, and Changes in Their Branchial mRNA Expression Levels and Protein Abundance during Three Phases of Aestivation. Frontiers in Physiology, 2016, 7, 532.	2.8	14
49	Voltage-Gated Na+ Channel Isoforms and Their mRNA Expression Levels and Protein Abundance in Three Electric Organs and the Skeletal Muscle of the Electric Eel Electrophorus electricus. PLoS ONE, 2016, 11, e0167589.	2.5	7
50	Endothelial-like nitric oxide synthase immunolocalization by using gold nanoparticles and dyes. Biomedical Optics Express, 2015, 6, 4738.	2.9	3
51	Ascorbate synthesis in fishes: A review. IUBMB Life, 2015, 67, 69-76.	3.4	12
52	Light induces changes in activities of Na+/K+-ATPase, H+/K+-ATPase and glutamine synthetase in tissues involved directly or indirectly in light-enhanced calcification in the giant clam, Tridacna squamosa. Frontiers in Physiology, 2015, 6, 68.	2.8	37
53	Molecular characterization of betaine-homocysteine methyltransferase 1 from the liver, and effects of aestivation on its expressions and homocysteine concentrations in the liver, kidney and muscle, of the African lungfish, Protopterus annectens. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 183, 30-41.	1.6	12
54	Differential Gene Expression in the Liver of the African Lungfish, Protopterus annectens, after 6 Months of Aestivation in Air or 1 Day of Arousal from 6 Months of Aestivation. PLoS ONE, 2015, 10, e0121224.	2.5	13

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55	Aestivation induces changes in transcription and translation of coagulation factor II and fibrinogen gamma chain in the liver of the African lungfish, Protopterus annectens. Journal of Experimental Biology, 2015, 218, 3717-28.	1.7	9
56	Signal molecule changes in the gills and lungs of the African lungfish Protopterus annectens, during the maintenance and arousal phases of aestivation. Nitric Oxide - Biology and Chemistry, 2015, 44, 71-80.	2.7	30
57	Ammonia exposure increases the expression of Na+:K+:2Clâ^' cotransporter 1a in the gills of the giant mudskipper, Periophthalmodon schlosseri. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2015, 185, 57-72.	1.5	14
58	Na+/K+-ATPase Î±-subunit (nkaÎ±) Isoforms and Their mRNA Expression Levels, Overall NkaÎ± Protein Abundance, and Kinetic Properties of Nka in the Skeletal Muscle and Three Electric Organs of the Electric Eel, Electrophorus electricus. PLoS ONE, 2015, 10, e0118352.	2.5	16
59	Expression of Key Ion Transporters in the Gill and Esophageal-Gastrointestinal Tract of Euryhaline Mozambique Tilapia Oreochromis mossambicus Acclimated to Fresh Water, Seawater and Hypersaline Water. PLoS ONE, 2014, 9, e87591.	2.5	51
60	Molecular characterization of argininosuccinate synthase and argininosuccinate lyase from the liver of the African lungfish Protopterus annectens, and their mRNA expression levels in the liver, kidney, brain and skeletal muscle during aestivation. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 835-853.	1.5	17
61	Functional roles of Na+/K+-ATPase in active ammonia excretion and seawater acclimation in the giant mudskipper, Periophthalmodon schlosseri. Frontiers in Physiology, 2014, 5, 158.	2.8	21
62	Excretory nitrogen metabolism and defence against ammonia toxicity in airâ€breathing fishes. Journal of Fish Biology, 2014, 84, 603-638.	1.6	82
63	Differential transcriptomic analyses revealed genes and signaling pathways involved in iono-osmoregulation and cellular remodeling in the gills of euryhaline Mozambique tilapia, Oreochromis mossambicus. BMC Genomics, 2014, 15, 921.	2.8	66
64	Lympho-granulocytic tissue associated with the wall of the spiral valve in the African lungfish Protopterus annectens. Cell and Tissue Research, 2014, 355, 397-407.	2.9	4
65	Lâ€gulonoâ€7â€lactone oxidase expression and vitamin C synthesis in the brain and kidney of the African lungfish,Protopterus annectens. FASEB Journal, 2014, 28, 3506-3517.	0.5	17
66	Brain Na+/K+-ATPase Î±-subunit isoforms and aestivation in the African lungfish, Protopterus annectens. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 571-587.	1.5	10
67	Nitric oxide synthase-dependent â€œOn/Offâ€•switch and apoptosis in freshwater and aestivating lungfish, Protopterus annectens: Skeletal muscle versus cardiac muscle. Nitric Oxide - Biology and Chemistry, 2013, 32, 1-12.	2.7	25
68	The Chinese soft-shelled turtle, Pelodiscus sinensis, decreases nitrogenous excretion, reduces urea synthesis and suppresses ammonia production during emersion. Journal of Experimental Biology, 2013, 216, 1650-7.	1.7	6
69	Increases in apoptosis, caspase activity and expression of p53 and bax, and the transition between two types of mitochondrion-rich cells, in the gills of the climbing perch, Anabas testudineus, during a progressive acclimation from freshwater to seawater. Frontiers in Physiology, 2013, 4, 135.	2.8	74
70	Branchial Na+:K+:2Clâ^' cotransporter 1 and Na+/K+-ATPase Î±-subunit in a brackish water-type ionocyte of the euryhaline freshwater white-rimmed stingray, Himantura signifer. Frontiers in Physiology, 2013, 4, 362.	2.8	16
71	Differential Gene Expression in the Brain of the African Lungfish, Protopterus annectens, after Six Days or Six Months of Aestivation in Air. PLoS ONE, 2013, 8, e71205.	2.5	20
72	Ascorbic Acid Biosynthesis and Brackish Water Acclimation in the Euryhaline Freshwater White-Rimmed Stingray, Himantura signifer. PLoS ONE, 2013, 8, e66691.	2.5	11

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73	Molecular Characterization of Branchial aquaporin 1aa and Effects of Seawater Acclimation, Emersion or Ammonia Exposure on Its mRNA Expression in the Gills, Gut, Kidney and Skin of the Freshwater Climbing Perch, Anabas testudineus. PLoS ONE, 2013, 8, e61163.	2.5	21
74	High Brain Ammonia Tolerance and Down-Regulation of Na+:K+:2Cl- Cotransporter 1b mRNA and Protein Expression in the Brain of the Swamp Eel, Monopterus albus, Exposed to Environmental Ammonia or Terrestrial Conditions. PLoS ONE, 2013, 8, e69512.	2.5	11
75	Properties and Expression of Na+/K+-ATPase Î±-Subunit Isoforms in the Brain of the Swamp Eel, Monopterus albus, Which Has Unusually High Brain Ammonia Tolerance. PLoS ONE, 2013, 8, e84298.	2.5	10
76	Roles of three branchial Na⁺-K⁺-ATPase Î±-subunit isoforms in freshwater adaptation, seawater acclimation, and active ammonia excretion inAnabas testudineus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R112-R125.	1.8	41
77	The Chinese soft-shelled turtle,Pelodiscus sinensis, excretes urea mainly through the mouth instead of the kidney. Journal of Experimental Biology, 2012, 215, 3723-3733.	1.7	11
78	Aestivation and hypoxia-related events share common silent neuron trafficking processes. BMC Neuroscience, 2012, 13, 39.	1.9	16
79	Hepatic carbamoyl phosphate synthetase (CPS) I and urea contents in the hylid tree frog, Litoria caerulea: transition from CPS III to CPS I. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 1081-1094.	1.5	9
80	The spleen of the African lungfish Protopterus annectens: freshwater and aestivation. Cell and Tissue Research, 2012, 350, 143-156.	2.9	12
81	Molecular characterization and mRNA expression of carbamoyl phosphate synthetase III in the liver of the African lungfish, Protopterus annectens, during aestivation or exposure to ammonia. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 367-379.	1.5	29
82	Both seawater acclimation and environmental ammonia exposure lead to increases in mRNA expression and protein abundance of Na+:K+:2Clâ^' cotransporter in the gills of the climbing perch, Anabas testudineus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 491-506.	1.5	34
83	Cystic fibrosis transmembrane conductance regulator in the gills of the climbing perch, Anabas testudineus, is involved in both hypoosmotic regulation during seawater acclimation and active ammonia excretion during ammonia exposure. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 793-812.	1.5	20
84	The Alimentary Canal of the African Lungfish Protopterus annectens During Aestivation and After Arousal. Anatomical Record, 2012, 295, 60-72.	1.4	25
85	Differential gene expression in the liver of the African lungfish, Protopterus annectens, after 6Âdays of estivation in air. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 231-245.	1.5	39
86	Gene Cloning and mRNA Expression of Glutamate Dehydrogenase in the Liver, Brain, and Intestine of the Swamp Eel, Monopterus albus (Zuiew), Exposed to Freshwater, Terrestrial Conditions, Environmental Ammonia, or Salinity Stress. Frontiers in Physiology, 2011, 2, 100.	2.8	10
87	The gut of the juvenile African lungfish Protopterus annectens: A light and scanning electron microscope study. Journal of Morphology, 2011, 272, 769-779.	1.2	16
88	Lungfish aestivating activities are locked in distinct encephalic Î³-aminobutyric acid type A receptor Î± subunits. Journal of Neuroscience Research, 2011, 89, 418-428.	2.9	8
89	Ammonia production, excretion, toxicity, and defense in fish: a review. Frontiers in Physiology, 2010, 1, 134.	2.8	286
90	Upregulation of intracellular antioxidant enzymes in brain and heart during estivation in the African lungfish Protopterus dolloi. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 361-369.	1.5	22

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91	Intestinal osmoregulatory acclimation and nitrogen metabolism in juveniles of the freshwater marble goby exposed to seawater. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 511-520.	1.5	18
92	The Anatomy of the Gastrointestinal Tract of the African Lungfish, Protopterus annectens. Anatomical Record, 2010, 293, 1146-1154.	1.4	10
93	Branchial ammonia excretion in the Asian weatherloach Misgurnus anguillicaudatus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 151, 40-50.	2.6	11
94	Cytochromecoxidase is regulated by modulations in protein expression and mitochondrial membrane phospholipid composition in estivating African lungfish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R608-R616.	1.8	18
95	Nitrogen Metabolism and Excretion During Aestivation. Progress in Molecular and Subcellular Biology, 2010, 49, 63-94.	1.6	30
96	Roles of intestinal glutamate dehydrogenase and glutamine synthetase in environmental ammonia detoxification in the euryhaline four-eyed sleeper, Bostrychus sinensis. Aquatic Toxicology, 2010, 98, 91-98.	4.0	23
97	Increased gene expression of a facilitated diffusion urea transporter in the skin of the African lungfish (Protopterus annectens) during massively elevated post-terrestrialization urea excretion. Journal of Experimental Biology, 2009, 212, 1202-1211.	1.7	20
98	The freshwater Amazonian stingray, Potamotrygon motoro, up-regulates glutamine synthetase activity and protein abundance, and accumulates glutamine when exposed to brackish (15â€°) water. Journal of Experimental Biology, 2009, 212, 3828-3836.	1.7	26
99	Glutamine accumulation and up-regulation of glutamine synthetase activity in the swamp eel,Monopterus albus(Zuiew), exposed to brackish water. Journal of Experimental Biology, 2009, 212, 1248-1258.	1.7	27
100	Water balance and renal function in two species of African lungfish Protopterus dolloi and Protopterus annectens. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 149-157.	1.8	12
101	Nitrogen metabolism and branchial osmoregulatory acclimation in the juvenile marble goby, Oxyeleotris marmorata, exposed to seawater. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 360-369.	1.8	21
102	Acute ammonia toxicity and the protective effects of methionine sulfoximine on the swamp eel, Monopterus albus. Journal of Experimental Zoology, 2009, 311A, 676-688.	1.2	13
103	Profiling Teacher/Teaching Using Descriptors Derived from Qualitative Feedback: Formative and Summative Applications. Research in Higher Education, 2009, 50, 73-100.	1.7	29
104	Branchial and intestinal osmoregulatory acclimation in the four-eyed sleeper, Bostrychus sinensis (LacepÃ¨de), exposed to seawater. Marine Biology, 2009, 156, 1751-1764.	1.5	13
105	Ionoregulatory physiology of two species of African lungfishes Protopterus dolloi and Protopterus annectens. Journal of Fish Biology, 2009, 75, 862-884.	1.6	5
106	Environmental ammonia exposure induces oxidative stress in gills and brain of Boleophthalmus boddarti (mudskipper). Aquatic Toxicology, 2009, 95, 203-212.	4.0	111
107	Increased urea synthesis and/or suppressed ammonia production in the African lungfish, Protopterus annectens, during aestivation in air or mud. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 351-363.	1.5	38
108	Effects of hypoxia on the energy status and nitrogen metabolism of African lungfish during aestivation in a mucus cocoon. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 853-865.	1.5	24

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109	Renal Corpuscle of the African Lungfish Protopterus dolloi: Structural and Histochemical Modifications During Aestivation. Anatomical Record, 2008, 291, 1156-1172.	1.4	30
110	Enzymatic and mitochondrial responses to 5 months of aerial exposure in the slender lungfish Protopterus dolloi. Journal of Fish Biology, 2008, 73, 608-622.	1.6	10
111	The structural characteristics of the heart ventricle of the African lungfish Protopterus dolloi: freshwater and aestivation. Journal of Anatomy, 2008, 213, 106-119.	1.5	31
112	Plasma non-esterified fatty acids of elasmobranchs: Comparisons of temperate and tropical species and effects of environmental salinity. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 149, 209-216.	1.8	11
113	Carbohydrate and amino acid metabolism in fasting and aestivating African lungfish (Protopterus) Tj ETQq1 1 0.784314 rgBT /Overlock 2008, 151, 85-92.	1.8	49
114	Lipid, ketone body and oxidative metabolism in the African lungfish, Protopterus dolloi following 60Âdays of fasting and aestivation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 93-101.	1.8	37
115	Postprandial nitrogen metabolism and excretion in juvenile marble goby, Oxyeleotris marmorata (Bleeker, 1852). Aquaculture, 2008, 284, 260-267.	3.5	23
116	Mechanisms of and defense against acute ammonia toxicity in the aquatic Chinese soft-shelled turtle, Pelodiscus sinensis. Aquatic Toxicology, 2008, 86, 185-196.	4.0	11
117	Differential NOS expression in freshwater and aestivating Protopterus dolloi (lungfish): Heart vs kidney readjustments. Nitric Oxide - Biology and Chemistry, 2008, 18, 1-10.	2.7	59
118	Control of breathing in African lungfish (Protopterus dolloi): A comparison of aquatic and cocooned (terrestrialized) animals. Respiratory Physiology and Neurobiology, 2008, 160, 8-17.	1.6	66
119	The influence of feeding on aerial and aquatic oxygen consumption, nitrogenous waste excretion, and metabolic fuel usage in the African lungfish, Protopterus annectens. Canadian Journal of Zoology, 2008, 86, 790-800.	1.0	16
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