

Subject/Author Index - Volume 16, 1976

Subject/Author	Page	Subject/Author	Page
acid secretion	53	Cleeman, L.	8
acclimation	89	collecting duct	91
albumin	76	Conrad, G.W.	13
Alt, J.	1	cornea	112
amino acids	40,45	Cornell, P.J.	15
Anandaraj, M.P.	58	Crawford, R.B.	17
Anas (duck)	79	crude oil	79
Anderson, J.B.	47,50	Cserr, H.F.	15
angiotensin	5,84	cyclic AMP	13,36,95, 109
antineoplastic drugs	47	cyclic nucleotides	13
<i>Anguilla</i> (eel)	24,25	cytochalasin B	22
aqueous humor	31	cytotoxicity	58
Arnold, S.	50		
Ashby, J.K.	15	Davis, S.E.	13
ATP-ase	25	Davson, H.	31
B-alanine	45	DDA	55
Baranano, M.T.	95	Degnan, K.	18
Bend, J.R.	3,43,50	development	17
Benzopyrene hydroxylase	3	D-glucose	26
bile secretion	83	dibenzanthracene	3
blood-aqueous barrier	31	Dillon, S.	8
blood-brain barrier	31,47	Dinsmore, C.E.	22
blood-CSF barrier	31	diuresis	5
blood pressure	3,84	dogfish (see <i>Squalus</i>)	
blood-vitreous barrier	31	dogfish collecting	108
Bohr effect	98	dogfish migration	108
<i>Boltenia</i> (sea potato)	8	Dubyak, G.R.D.	22,72
Bolton, J.E.	36		
Boyer, J.L.	83	<i>Echinarachnius</i> (sand dollar)	17
Boylan, J.M.	45	Eichenholz, P.W.	108
brain	40	Eid, J.F.	66
brain capillary permeability	76	electrolytes in CSF	15
brain edema	76	embryo toxicity	17
brain volume	40	environment	17
brain water	76	epinephrine	84,112
brush border membrane	69	Epstein, F.H.	24,25,87,93, 95
brush border vesicle transport	26		
Bunker, C.J.	79	Epstein, J.	24,93
Burnham, E.B.	79	Epstein, S.	24
		erythrocytes	45
calcium	13,72,112	euryhalinity	102
carbon dioxide	98	Eveloff, J.	26,29,69
carbonic anhydrase	29,98	extradural fluid	15
carrier mediated transport	31		
cell shape	13	FDNB	72
cell volume regulation	89	Fraley, C.	89
cerebrospinal fluid	15,31	Fenstermacher, J.D.	31,47,76
chloride	25	Fenstermacher, P.	50
chloride cell	60,61	Field, M.	34,36,61
chloride efflux	24	Forster, R.P.	40
chloride permeability	36	Fouremant, G.L.	3,43
chloride transport	18,34,36,87 93,95,109, 112	free flow electrophoresis	69
		<i>Fundulus</i> (killifish)	18,60,61, 89,102
chlorphenol red	55	furosemide	109
Churchill, M.D.	5		
Churchill, P.C.	5	gastric mucosa	53
cimetidine	53	Garretson, L.T.	112
Cioli, S.	31	Geran, R.I.	47

Subject/Author	Page	Subject/Author	Page
gill transport	24	Maier, R.	69
Goldstein, L.	40,45	Maren, T.H.	29,98
goosefish (see <i>Lophius</i>)		megalocytic effect	58
Guarino, A.M.	17,47,50, 58,108	methazolamide	98
		3-o-methyl-d-glucose	31
		metiamide	53
Haas, E.	89	microiontophoresis	13
hagfish (see <i>Myxine</i>)		Miller, D.S.	79
Hall, P.	3,43	Morad, M.	8
hamster	74,91	morphogenesis	22
Hannafin, J.	40	mudsnail	13
heart contractility	8	murine lymphoblasts	58
<i>Hemipterus</i> (see raven)	60	<i>Myxine glutinosa</i> (hagfish)	1
hemodynamics	66	<i>Myxocephalus</i> (sculpin)	25
hemoglobin	98		
hepatic microsomes	3	Na-K-ATP-ase localization	64
hexadecane	43	natriuresis	5
Higgins, A.W.	53	Niermann, U.	1
histamine inhibitors	53		
Holcombe, R.	84	octane	50
Hogben, C.A.M.	53	oil pollutants	50
<i>Homarus</i> (lobster)	43	Opdyke, D.F.	84
Hosterman, S.	55,80	opercular epithelium	18,60
³ H-ouabain autoradiography	64	organic acid transport	55
hypoxia	66	osmoregulation	18,79
		ouabain	72,87
		ouabain binding	64
<i>Ilyanassa</i> (mudsnail)	13	oxygen	98
intercellular junction	72	oxygen consumption	87
interstitial fluid (renal)	91		
intestine	34,36,61	PAH	26,55
isolated gut	84	paracellular shunt	34,36
Jayaram, H.N.	58	Patel, Y.	91
		Patlak, C.	31
Karnaky, K.J., Jr.	18,60,61	PCMBs	72
	64	Peakall, D.B.	79
Kent, B.	66	Peirce, E.C. II	66
Kidney	25,55,74,	Pekin duck (<i>Anas</i>)	79
	80	pentagastrin	53
Kidney epithelium	74	pericollecting duct channel	91
Kidney tubule	26	pH	98
Kidney tubule membranes	69	phenol	50
killifish (see <i>Fundulus</i>)		phlorizin	72
kinetics	55	phosphorylating transport	22
Kinne, R.	26,69	plasma membrane	29
Kinter, W.B.	26,60,61,	<i>Plethodon cinereus</i>	
	64,69,79	(red backed salamander)	22
Kleinzeller, A.	22,72,80	PMB	22
Knutson, N.J.	50	polar lobe	13
		pollutants	17
Lacy, E.R.	74,91	Pritchard, J.B.	55,58,80
laser diffraction, muscle	8	<i>Pseudopleuronectes</i> (flounder)	22,25,26,
lateral intercellular space	61		34,36,55,
Levy, M.	66		61,69,72,
little skate (see <i>Raja</i>)			80
liver	83		
lobster (see <i>Homarus</i>)		Raguse-Degener, G.	1
<i>Lophius</i> (goosefish)	5,25,80	<i>Raja</i> (skate)	3,15,25,
Lossing, J.H.	76		40,45,83

Subject/Author	Page	Subject/Author	Page
Rana	112	winter flounder	
rat	29	(see <i>Pseudopleuronectes</i>)	
Ratner, M.C.	79	Woodhead, A.D.	103,106,108
rectal gland	64,87,93, 95,109	xenobiotics	17,50
Reed, J.S.	83		
renal clearance	55,80	Zadunaisky, J.	18,31,109, 112
renal cortex	29		
renal excretion	1		
renal papilla (mammalian)	91		
renal pelvis	74		
renal tubules	22,72		
Rieck, G.	50		
Rosa, R.M.	87,95		
sand dollar	17		
sarcomere length	8		
Schmidt-Nielsen, B.	74,89,91		
sea potato (<i>Boltenia</i>)	8		
sea raven (<i>Hemipterus</i>)	60		
secretion, renal	80		
Sheffrin, J.S.	40		
Sherman, B.W.	45		
short circuit current	109		
Silva, P.	24,25,64, 87,93,95, 109		
Smith, N.D.	83		
Smith, P.L.	36		
sodium	76		
sodium chloride transport	109		
sodium dependent, Cl. transport	93		
sodium lauryl sulfate	50		
sodium transport	34		
Spokes, K.	25,87,93,		
<i>Squalus</i> (dogfish)	15,25,31, 47,50,53, 64,66,76, 84,87,93, 95,98,103, 106,108,109		
	95		
Stoff, J.S.	1		
Stolte, H.	22,31,72,		
sugar transport	80		
	25		
sulfate	22		
sulphydryl groups	29,98		
Swenson, E.R.			
tail regeneration	22		
Tavoloni, N.	83		
theophylline	109		
tissue interactions	22		
transport	45,80		
urea	74		
vasoactive intestinal peptide	95		
Vendetti, J.M.	47		
vitreous humour	31		
Walvig, F.	1		
water pollutants	50		
Welch, J.	112		
Wilde, C.E., Jr.	102		