

Elias Meezan

List of Publications by Year in descending order

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44
papers

1,501
citations

331670

21
h-index

302126

39
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44
all docs

44
docs citations

44
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple, versatile, nondisruptive method for the isolation of morphologically and chemically pure basement membranes from several tissues. <i>Life Sciences</i> , 1975, 17, 1721-1732.	4.3	302
2	Ultrastructural and biochemical analyses of isolated basement membranes from kidney glomeruli and tubules and brain and retinal microvessels. <i>Journal of Ultrastructure Research</i> , 1978, 62, 26-53.	1.1	154
3	Contrasting Effects of Puerarin and Daidzin on Glucose Homeostasis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8760-8767.	5.2	78
4	Isolation of a purified preparation of metabolically active retinal blood vessels. <i>Nature</i> , 1974, 251, 65-67.	27.8	76
5	Enhanced bioavailability of calcitonin formulated with alkylglycosides following nasal and ocular administration in rats. <i>Pharmaceutical Research</i> , 2001, 18, 1742-1746.	3.5	63
6	Cerebral cortical microvessels: An insulin-sensitive tissue. <i>Biochemical and Biophysical Research Communications</i> , 1982, 104, 686-692.	2.1	55
7	Synthetic long-chain alkyl maltosides and alkyl sucrose esters as enhancers of nasal insulin absorption. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1456-1462.	3.3	52
8	Nasal administration of low molecular weight heparin. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1707-1714.	3.3	51
9	Sucrose cocoate, a component of cosmetic preparations, enhances nasal and ocular peptide absorption. <i>International Journal of Pharmaceutics</i> , 2003, 251, 195-203.	5.2	51
10	Pharmacokinetic study of puerarin in rat serum by liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2007, 21, 410-414.	1.7	42
11	The pH-dependent binding of goat IgG1 and IgG2 to protein A-Sepharose. <i>Molecular Immunology</i> , 1980, 17, 29-36.	2.2	39
12	Effects of the permeability enhancers, tetradecylmaltoside and dimethyl- β -cyclodextrin, on insulin movement across human bronchial epithelial cells (16HBE14o α). <i>European Journal of Pharmaceutical Sciences</i> , 2003, 20, 27-34.	4.0	39
13	Correlation of tetradecylmaltoside induced increases in nasal peptide drug delivery with morphological changes in nasal epithelial cells. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 2205-2213.	3.3	37
14	Sulfate transport in human lung fibroblasts (IMR-90). <i>Journal of Cellular Physiology</i> , 1985, 125, 243-250.	4.1	35
15	Identification and Characterization of the Insulin Receptor of Bovine Retinal Microvessels*. <i>Endocrinology</i> , 1984, 115, 698-704.	2.8	32
16	Metachromatic staining with Coomassie Brilliant Blue R-250 of the proline-rich calf thymus histone, H1. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1980, 626, 432-442.	1.7	31
17	Ultrastructural analyses of control and enzyme-treated isolated renal basement membranes. <i>The Anatomical Record</i> , 1981, 200, 421-436.	1.8	30
18	Angiotensin II and bradykinin stimulate phosphoinositide breakdown in intact rat kidney glomeruli but not in proximal tubules: Glomerular response modulated by phorbol ester. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 373-379.	2.1	29

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19	Dodecylmaltoside-mediated nasal and ocular absorption of lyspro-insulin: independence of surfactant action from multimer dissociation. <i>Pharmaceutical Research</i> , 1998, 15, 1637-1639.	3.5	28
20	A simple apparatus for the continuous monitoring of $^{14}\text{CO}_2$ production from several small reaction mixtures. <i>Analytical Biochemistry</i> , 1974, 60, 88-101.	2.4	22
21	Biosynthesis of basement membrane matrix by isolated rat renal glomeruli. <i>Kidney International</i> , 1979, 15, 20-32.	5.2	22
22	Increased sulfate uptake in skin fibroblasts isolated from cystic fibrosis patients. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 99-106.	2.1	21
23	Systemic Absorption of Insulin and Glucagon Applied Topically to the Eyes of Rats and a Diabetic Dog. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1995, 11, 283-295.	1.4	20
24	Efficacy of Insulin Eyedrops. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1994, 10, 461-470.	1.4	18
25	Binding and degradation of ^{125}I -insulin by isolated rat renal brush border membranes: Evidence for low affinity, high capacity insulin recognition sites. <i>Journal of Membrane Biology</i> , 1988, 105, 113-129.	2.1	17
26	Rapid Isolation of Type II Pneumocytes with Magnetic Removal of Macrophages. <i>Experimental Lung Research</i> , 1983, 4, 191-204.	1.2	16
27	Specific, High Affinity Receptors for Insulin-Like Growth Factor II in the Rat Kidney Glomerulus*. <i>Endocrinology</i> , 1988, 123, 774-780.	2.8	16
28	Dodecyl- ^{125}I -D-maltoside as a substrate for glucosyl and xylosyl transfer by glycogenin. <i>Glycobiology</i> , 1995, 5, 263-271.	2.5	16
29	Reestablishment of the nasal permeability barrier to several peptides following exposure to the absorption enhancer tetradecyl- ^{125}I -D-maltoside. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 1912-1920.	3.3	15
30	Basement membrane biosynthesis by isolated bovine retinal vessels: Incorporation of precursors into extracellular matrix. <i>Microvascular Research</i> , 1979, 18, 185-208.	2.5	14
31	A charcoal cartridge for the removal of anionic detergent and electrophoresis stains. <i>Journal of Proteomics</i> , 1981, 4, 73-80.	2.4	13
32	Mutual inhibition of the insulin absorption-enhancing properties of dodecylmaltoside and dimethyl-beta-cyclodextrin following nasal administration. <i>Pharmaceutical Research</i> , 2001, 18, 608-614.	3.5	12
33	Nasal absorption of mixtures of fast-acting and long-acting insulins. <i>International Journal of Pharmaceutics</i> , 2010, 388, 202-208.	5.2	11
34	Selective solubilization of two populations of polypeptides from bovine retinal basement membranes. <i>Experimental Eye Research</i> , 1983, 36, 257-267.	2.6	10
35	Serum sulfate levels in patients with cystic fibrosis. <i>Clinica Chimica Acta</i> , 1984, 142, 241-247.	1.1	8
36	Inhibition of glycogenin-catalyzed glucosyl and xylosyl transfer by cytidine $5\alpha\text{-}^2$ -diphosphate and related compounds. <i>Archives of Biochemistry and Biophysics</i> , 1995, 320, 361-368.	3.0	7

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37	Isolation and characterization of insulin receptors from rat kidney glomeruli and tubules. Biochemical and Biophysical Research Communications, 1988, 151, 370-381.	2.1	6
38	Differential Effect of Urea on the Migration of Collagenous and Non-Collagenous Polypeptides in SDS Gels: Basis for their Separation by Two-dimensional Electrophoresis. Collagen and Related Research, 1981, 1, 201-207.	2.0	4
39	A Simple Procedure for the Purification of Bovine Fibrin from Clotted Blood by the Use of Detergents. Preparative Biochemistry and Biotechnology, 1980, 10, 43-57.	0.5	3
40	Proximal Renal Tubule Preparations Isolated from Rat or Rabbit Kidneys without the use of Collagenase. , 1993, 3, 87-99.		3
41	Menage a Trois: Glycogenin, Proteoglycan Core Protein Xylosyltransferase and UDP-xylose.. Trends in Glycoscience and Glycotechnology, 1995, 7, 303-332.	0.1	3
42	Rabbit Glomerular and Tubular Basement Membranes: Morphology and Differential Solubilization. Kidney and Blood Pressure Research, 1980, 3, 145-151.	2.0	0
43	Microvascular Receptors for Insulin and Insulin-Like Growth Factors. Frontiers in Diabetes, 1990, 9, 75-85.	0.4	0
44	Renal Glomerular and Tubular Insulin and Insulin-Like Growth Factor Receptors. Contributions To Nephrology, 1990, 83, 60-66.	1.1	0