Victor D Vacquier

List of Publications by Year
in descending order

147 papers	8,712 citations	53794 45 h-index	48315 88 g-index
147 all docs	147 docs citations	147 times ranked	5204 citing authors

#	Article	IF	Citations
1	New techniques for creating parthenogenetic larvae of the sea urchin <scp><i>Lytechinus pictus</i></scp> for gene expression studies. Developmental Dynamics, 2021, 250, 1828-1833.	1.8	1
2	A protein bridging the gap between sea urchin generations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2114056118.	7.1	1
3	My research career on (mainly) sea urchins. Methods in Cell Biology, 2019, 151, 21-26.	1.1	1
4	Sea urchin embryonic cilia. Methods in Cell Biology, 2019, 150, 235-250.	1.1	4
5	Soluble adenylyl cyclase of sea urchin spermatozoa. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 2621-2628.	3.8	23
6	The quest for the sea urchin egg receptor for sperm. Biochemical and Biophysical Research Communications, 2012, 425, 583-587.	2.1	50
7	Laboratory on sea urchin fertilization. Molecular Reproduction and Development, 2011, 78, 553-564.	2.0	26
8	The Molecular Basis of Sex: Linking Yeast to Human. Molecular Biology and Evolution, 2011, 28, 1963-1966.	8.9	41
9	Selection in the Rapid Evolution of Gamete Recognition Proteins in Marine Invertebrates. Cold Spring Harbor Perspectives in Biology, 2011, 3, a002931-a002931.	5.5	98
10	A Single Residue in a Novel ADP-ribosyl Cyclase Controls Production of the Calcium-mobilizing Messengers Cyclic ADP-ribose and Nicotinic Acid Adenine Dinucleotide Phosphate. Journal of Biological Chemistry, 2010, 285, 19900-19909.	3.4	11
11	ZP Domain Proteins in the Abalone Egg Coat Include a Paralog of VERL under Positive Selection That Binds Lysin and 18-kDa Sperm Proteins. Molecular Biology and Evolution, 2010, 27, 193-203.	8.9	56
12	Molecular characterization of a novel cell surface ADP-ribosyl cyclase from the sea urchin. Cellular Signalling, 2008, 20, 2347-2355.	3.6	15
13	Bindin genes of the Pacific oyster Crassostrea gigas. Gene, 2008, 423, 215-220.	2.2	38
14	Oyster sperm bindin is a combinatorial fucose lectin with remarkable intra-species diversity. International Journal of Developmental Biology, 2008, 52, 759-768.	0.6	45
15	A Sea Urchin Sperm Flagellar Adenylate Kinase with Triplicated Catalytic Domains. Journal of Biological Chemistry, 2007, 282, 2947-2955.	3.4	19
16	Recombinant Sea Urchin Flagellar Adenylate Kinase. Journal of Biochemistry, 2007, 142, 501-506.	1.7	4
17	Diversity of olfactomedin proteins in the sea urchin. Genomics, 2007, 89, 721-730.	2.9	11
18	Sp-tetraKCNG: A novel cyclic nucleotide gated K+ channel. Biochemical and Biophysical Research Communications, 2007, 354, 668-675.	2.1	49

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19	Particulate and soluble adenylyl cyclases participate in the sperm acrosome reaction. Biochemical and Biophysical Research Communications, 2007, 358, 1128-1135.	2.1	45
20	Sequence, annotation and developmental expression of the sea urchin Ca2+-ATPase family. Gene, 2007, 397, 67-75.	2.2	12
21	Structural features and functional domains of amassin-1, a cell-binding olfactomedin protein. Biochemistry and Cell Biology, 2007, 85, 552-562.	2.0	10
22	Adenylate kinase in sea urchin embryonic cilia. Cytoskeleton, 2007, 64, 310-319.	4.4	10
23	The 10 sea urchin receptor for egg jelly proteins (SpREJ) are members of the polycystic kidney disease-1 (PKD1) family. BMC Genomics, 2007, 8, 235.	2.8	31
24	Molecular Characterization of a Novel Intracellular ADP-Ribosyl Cyclase. PLoS ONE, 2007, 2, e797.	2.5	29
25	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i>. Science, 2006, 314, 941-952.	12.6	1,018
26	Evidence for a secretory pathway Ca2+-ATPase in sea urchin spermatozoa. FEBS Letters, 2006, 580, 3900-3904.	2.8	25
27	Cloning of a sea urchin sarco/endoplasmic reticulum Ca2+ATPase. Biochemical and Biophysical Research Communications, 2006, 339, 443-449.	2.1	15
28	A sodium bicarbonate transporter from sea urchin spermatozoa. Gene, 2006, 375, 37-43.	2.2	8
29	A functional genomic and proteomic perspective of sea urchin calcium signaling and egg activation. Developmental Biology, 2006, 300, 416-433.	2.0	53
30	Expression, purification, crystallization and preliminary X-ray analysis of the olfactomedin domain from the sea urchin cell-adhesion protein amassin. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 16-19.	0.7	4
31	Plasma membrane calcium ATPase is concentrated in the head of sea urchin spermatozoa. Journal of Cellular Physiology, 2006, 207, 413-419.	4.1	23
32	Proteins associated with soluble adenylyl cyclase in sea urchin sperm flagella. Cytoskeleton, 2006, 63, 582-590.	4.4	43
33	Cyclic GMP-specific Phosphodiesterase-5 Regulates Motility of Sea Urchin Spermatozoa. Molecular Biology of the Cell, 2006, 17, 114-121.	2.1	35
34	Flagellasialin: a novel sulfated Â2,9-linked polysialic acid glycoprotein of sea urchin sperm flagella. Glycobiology, 2006, 16, 1229-1241.	2.5	47
35	Positive Selection in the Carbohydrate Recognition Domains of Sea Urchin Sperm Receptor for Egg Jelly (suREJ) Proteins. Molecular Biology and Evolution, 2005, 22, 533-541.	8.9	45
36	A new hyperpolarization-activated, cyclic nucleotide-gated channel from sea urchin sperm flagella. Biochemical and Biophysical Research Communications, 2005, 334, 96-101.	2.1	34

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37	A soluble adenylyl cyclase from sea urchin spermatozoa. Gene, 2005, 353, 231-238.	2.2	41
38	Tandem mass spectrometry identifies proteins phosphorylated by cyclic AMP-dependent protein kinase when sea urchin sperm undergo the acrosome reaction. Developmental Biology, 2005, 285, 116-125.	2.0	35
39	Isolation of Sea Urchin Sperm Plasma Membranes. , 2004, 253, 141-150.		5
40	Isolation of Organelles and Components from Sea Urchin Eggs and Embryos. Methods in Cell Biology, 2004, 74, 491-522.	1.1	11
41	Sea Urchin Gametes in the Teaching Laboratory: Good Experiments and Good Experiences. Methods in Cell Biology, 2004, 74, 797-823.	1.1	9
42	Ligands and receptors mediating signal transduction in sea urchin spermatozoa. Reproduction, 2004, 127, 141-149.	2.6	84
43	A third sea urchin sperm receptor for egg jelly module protein, suREJ2, concentrates in the plasma membrane over the sperm mitochondrion. Development Growth and Differentiation, 2004, 46, 53-60.	1.5	20
44	Polycystin-2 associates with the polycystin-1 homolog, suREJ3, and localizes to the acrosomal region of sea urchin spermatozoa. Molecular Reproduction and Development, 2004, 67, 472-477.	2.0	62
45	Sea Urchin Spermatozoa. Methods in Cell Biology, 2004, 74, 523-544.	1.1	23
46	A perforin-like protein from a marine mollusk. Biochemical and Biophysical Research Communications, 2004, 316, 468-475.	2.1	51
47	Ion channel activity of membrane vesicles released from sea urchin sperm during the acrosome reaction. Biochemical and Biophysical Research Communications, 2004, 321, 88-93.	2.1	6
48	Store-operated calcium channels trigger exocytosis of the sea urchin sperm acrosomal vesicle. Biochemical and Biophysical Research Communications, 2003, 304, 285-292.	2.1	39
49	Amassin, an olfactomedin protein, mediates the massive intercellular adhesion of sea urchin coelomocytes. Journal of Cell Biology, 2003, 160, 597-604.	5.2	72
50	Positive selection in the egg receptor for abalone sperm lysin. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4639-4643.	7.1	145
51	suREJ3, a Polycystin-1 Protein, Is Cleaved at the GPS Domain and Localizes to the Acrosomal Region of Sea Urchin Sperm. Journal of Biological Chemistry, 2002, 277, 943-948.	3.4	83
52	A flagellar K+-dependent Na+/Ca2+ exchanger keeps Ca2+ low in sea urchin spermatozoa. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6743-6748.	7.1	87
53	Egg Sialoglycans Increase Intracellular pH and Potentiate the Acrosome Reaction of Sea Urchin Sperm. Journal of Biological Chemistry, 2002, 277, 8041-8047.	3.4	47
54	Reproductive Protein Evolution. Annual Review of Ecology, Evolution, and Systematics, 2002, 33, 161-179.	6.7	202

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55	High Molecular Mass Egg Fucose Sulfate Polymer Is Required for Opening Both Ca2+ Channels Involved in Triggering the Sea Urchin Sperm Acrosome Reaction. Journal of Biological Chemistry, 2002, 277, 1182-1189.	3.4	43
56	Egg fucose sulfate polymer, sialoglycan, and speract all trigger the sea urchin sperm acrosome reaction. Biochemical and Biophysical Research Communications, 2002, 296, 833-839.	2.1	31
57	Structural requirements for species-specific induction of the sperm acrosome reaction by sea urchin egg sulfated fucan. Biochemical and Biophysical Research Communications, 2002, 298, 403-407.	2.1	37
58	Full-length sequence of VERL, the egg vitelline envelope receptor for abalone sperm lysin. Gene, 2002, 288, 111-117.	2.2	66
59	An ATP-binding Cassette Transporter Is a Major Glycoprotein of Sea Urchin Sperm Membranes. Journal of Biological Chemistry, 2002, 277, 40729-40734.	3.4	16
60	Exploring the Phylogenetic Utility of ITS Sequences for Animals: A Test Case for Abalone (Haliotis). Journal of Molecular Evolution, 2002, 54, 246-257.	1.8	167
61	The rapid evolution of reproductive proteins. Nature Reviews Genetics, 2002, 3, 137-144.	16.3	1,177
62	The Crystal Structure of a Fusagenic Sperm Protein Reveals Extreme Surface Propertiesâ€,â€¡. Biochemistry, 2001, 40, 5407-5413.	2.5	24
63	Polymorphism in Abalone Fertilization Proteins Is Consistent with the Neutral Evolution of the Egg's Receptor for Lysin (VERL) and Positive Darwinian Selection of Sperm Lysin. Molecular Biology and Evolution, 2001, 18, 376-383.	8.9	83
64	Glycobiology of sperm-egg interactions in deuterostomes. Glycobiology, 2001, 11, 37R-43R.	2.5	89
65	Abalone lysin: the dissolving and evolving sperm protein. BioEssays, 2001, 23, 95-103.	2.5	18
66	Abalone lysin: the dissolving and evolving sperm protein. BioEssays, 2000, 23, 95-103.	2.5	53
67	1.35 and 2.07â€…Å… resolution structures of the red abalone sperm lysin monomer and dimer reveal features involved in receptor binding. Acta Crystallographica Section D: Biological Crystallography, 2000, 56, 34-41.	2.5	18
68	Co-localization of receptor and transducer proteins in the glycosphingolipid-enriched, low density, detergent-insoluble membrane fraction of sea urchin sperm. Glycoconjugate Journal, 2000, 17, 205-214.	2.7	47
69	Maximum-Likelihood Analysis of Molecular Adaptation in Abalone Sperm Lysin Reveals Variable Selective Pressures Among Lineages and Sites. Molecular Biology and Evolution, 2000, 17, 1446-1455.	8.9	224
70	Positive Selection and Propeptide Repeats Promote Rapid Interspecific Divergence of a Gastropod Sperm Protein. Molecular Biology and Evolution, 2000, 17, 458-466.	8.9	90
71	The high resolution crystal structure of green abalone sperm lysin: implications for species-specific binding of the egg receptor 1 1Edited by R. Huber. Journal of Molecular Biology, 2000, 296, 1225-1234.	4.2	24
72	suREJ proteins: new signalling molecules in sea urchin spermatozoa. Zygote, 1999, 8, S28-S30.	1.1	15

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73	Lipid raft on gametic cells as a functional domain for spermâ€“egg interaction coupled with signal transduction. Zygote, 1999, 8, S63-S63.	1.1	3
74	Acrosomal Proteins of Abalone Spermatozoa. Advances in Developmental Biochemistry, 1999, , 49-81.	0.9	9
75	Interspecies Chimeric Sperm Lysins Identify Regions Mediating Species-Specific Recognition of the Abalone Egg Vitelline Envelope. Developmental Biology, 1999, 214, 151-159.	2.0	56
76	Concerted Evolution in an Egg Receptor for a Rapidly Evolving Abalone Sperm Protein. , 1998, 281, 710-712.		182
77	Increased Association of Synaptosome-associated Protein of 25 kDa with Syntaxin and Vesicle-associated Membrane Protein following Acrosomal Exocytosis of Sea Urchin Sperm. Journal of Biological Chemistry, 1998, 273, 24355-24359.	3.4	47
78	The Fucose Sulfate Polymer of Egg Jelly Binds to Sperm REJ and Is the Inducer of the Sea Urchin Sperm Acrosome Reaction. Developmental Biology, 1997, 192, 125-135.	2.0	145
79	Positive darwinian selection on two homologous fertilization proteins: what is the selective pressure driving their divergence?. Journal of Molecular Evolution, 1997, 44, S15-S22.	1.8	122
80	Structural features of the abalone egg extracellular matrix and its role in gamete interaction during fertilization. Molecular Reproduction and Development, 1995, 41, 493-502.	2.0	26
81	What have we learned about sea urchin sperm bindin?. Development Growth and Differentiation, 1995, 37, 1-10.	1.5	116
82	Liposome Fusion Induced by a Mr 18 000 Protein Localized to the Acrosomal Region of Acrosome-Reacted Abalone Spermatozoa. Biochemistry, 1995, 34, 14202-14208.	2.5	40
83	A unique expression pattern for a sperm membrane protein during sea urchin spermatogenesis. Zygote, 1994, 2, 159-165.	1.1	2
84	N-Linked Oligosaccharides of Sea Urchin Egg Jelly Induce the Sperm Acrosome Reaction. (fertilization/acrosome reaction/sea urchin/sperm/N-linked oligosaccharides). Development Growth and Differentiation, 1994, 36, 551-556.	1.5	12
85	The species-specificity and structure of abalone sperm lysin. Seminars in Developmental Biology, 1994, 5, 209-215.	1.3	21
86	The Isolation of Acrosome-Reaction-Inducing Glycoproteins from Sea Urchin Egg Jelly. Developmental Biology, 1994, 162, 304-312.	2.0	49
87	Anion channels in the sea urchin sperm plasma membrane. Molecular Reproduction and Development, 1993, 36, 174-182.	2.0	27
88	Abalone sperm lysin: unusual mode of evolution of a gamete recognition protein. Zygote, 1993, 1, 181-196.	1.1	79
89	Reusable cDNA libraries coupled to magnetic beads. Analytical Biochemistry, 1992, 206, 206-207.	2.4	18
90	In vitro phosphorylation of sea urchin sperm adenylate cyclase by cyclic adenosine monophosphate-dependent protein kinase. Molecular Reproduction and Development, 1991, 28, 150-157.	2.0	10

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91	The amino terminal sequence of sea urchin sperm histone H1 and its phosphorylation by egg cytosol. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1989, 92, 381-384.	0.2	6
92	Egg jelly induces the phosphorylation of histone H3 in spermatozoa of the sea urchin Arbacia punctulata. Developmental Biology, 1989, 133, 111-118.	2.0	12
93	Phorbol Myristate Acetate Induces the Phosphorylation of Plasma Membrane-Associated Proteins in Sea Urchin Eggs. (Protein phosphorylation/protein kinase C/egg activation). Development Growth and Differentiation, 1988, 30, 49-59.	1.5	9
94	Monoclonal antibodies induce the translocation, patching, and shedding of surface antigens of sea urchin spermatozoa. Experimental Cell Research, 1988, 175, 37-51.	2.6	17
95	Extraction of phosphorylated sperm specific histone H1 from sea urchin eggs: Analysis of phosphopeptide maps. Biochemical and Biophysical Research Communications, 1988, 151, 1200-1204.	2.1	9
96	Changing localizations of site-specific surface antigens during sea urchin spermiogenesis. Experimental Cell Research, 1987, 173, 606-616.	2.6	10
97	Dispersal of sperm surface antigens in the plasma membranes of polyspermically fertilized sea urchin eggs. Experimental Cell Research, 1987, 173, 628-632.	2.6	11
98	Stoichiometry of phosphate loss from sea urchin sperm guanylate cyclase during fertilization. Biochemical and Biophysical Research Communications, 1986, 137, 1148-1152.	2.1	27
99	Phosphorylation of sperm histone H1 is induced by the egg jelly layer in the sea urchin Strongylocentrotus purpuratus. Developmental Biology, 1986, 116, 203-212.	2.0	26
100	Fusion of liposomes induced by a cationic protein from the acrosome granule of abalone spermatozoa. Biochemistry, 1986, 25, 543-549.	2.5	53
101	Activation of sea urchin spermatozoa during fertilization. Trends in Biochemical Sciences, 1986, 11, 77-81.	7.5	37
102	Activation of Sea Urchin Gametes. Annual Review of Cell Biology, 1986, 2, 1-26.	26.1	103
103	Chapter 2 Handling, Labeling, and Fractionating Sea Urchin Spermatozoa. Methods in Cell Biology, 1986, 27, 15-40.	1.1	38
104	Dephosphorylation of Sea Urchin Sperm Guanylate Cyclase During Fertilization. , 1986, 207, 359-382.		12
105	Monoclonal antibody to a membrane glycoprotein inhibits the acrosome reaction and associated Ca2+ and H+ fluxes of sea urchin sperm. Cell, 1985, 40, 697-703.	28.9	118
106	Inhibition of sea urchin sperm acrosome reaction by antibodies directed against two sperm membrane proteins. Experimental Cell Research, 1984, 155, 467-476.	2.6	28
107	Rapid immunoassays for the acrosome reaction of sea urchin sperm utilizing antibody to bindin. Experimental Cell Research, 1984, 153, 281-286.	2.6	7
108	Isolation and characterization of a plasma membrane fraction from sea urchin sperm exhibiting species specific recognition of the egg surface. Biochimica Et Biophysica Acta - Biomembranes, 1984, 778, 25-37.	2.6	37

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109	Transport of Methionine in Sea-Urchin Sperm by a Neutral Amino-Acid Carrier. FEBS Journal, 1983, 133, 341-347.	0.2	5
110	Purification of sea urchin sperm bindin by DEAE-cellulose chromatography. Analytical Biochemistry, 1983, 129, 497-501.	2.4	19
111	The increased phosphorylation of ribosomal protein S6 in Arbacia punctulata is not a universal event in the activation of sea urchin eggs. Developmental Biology, 1983, 95, 360-371.	2.0	35
112	Calcium-mediated release of glucanase activity from cortical granules of sea urchin eggs. Developmental Biology, 1983, 100, 267-274.	2.0	42
113	Methylxanthines stimulate calcium transport and inhibit cyclic nucleotide phosphodiesterases in abalone sperm. Developmental Biology, 1983, 99, 115-120.	2.0	15
114	Regulation of abalone sperm cyclic AMP concentrations and the acrosome reaction by calcium and methylxanthines. Developmental Biology, 1983, 98, 28-36.	2.0	19
115	Monoclonal antibodies to the sea urchin egg vitelline layer inhibit fertilization by blocking sperm adhesion. Experimental Cell Research, 1983, 147, 75-84.	2.6	18
116	A protein from abalone sperm dissolves the egg vitelline layer by a nonenzymatic mechanism. Developmental Biology, 1982, 92, 227-239.	2.0	128
117	The apical lamina of the sea urchin embryo: Major glycoproteins associated with the hyaline layer. Developmental Biology, 1982, 89, 168-178.	2.0	65
118	SPERM-EGG BINDING EVENTS DURING SEA URCHIN FERTILIZATION. Annals of the New York Academy of Sciences, 1982, 383, 405-425.	3.8	9
119	Dynamic changes of the egg cortex. Developmental Biology, 1981, 84, 1-26.	2.0	191
120	Gamete Interaction in the Sea Urchin A Model for Understanding the Molecular Details of Animal Fertilization. , 1981, , 199-232.		5
121	Sperm-specific surface antigenicity common to seven animal phyla. Nature, 1980, 288, 397-399.	27.8	17
122	Antibody to a sperm surface glycoprotein inhibits the egg jelly-induced acrosome reaction of sea urchin sperm. Developmental Biology, 1980, 79, 325-333.	2.0	39
123	Radioiodination and characterization of the plasma membrane of sea urchin sperm. Developmental Biology, 1980, 76, 15-25.	2.0	27
124	Morphology of abalone spermatozoa before and after the acrosome reaction. Journal of Ultrastructure Research, 1980, 72, 39-46.	1.1	57
125	The cytolytic isolation of the cortex of the sea urchin egg. Developmental Biology, 1980, 77, 178-190.	2.0	41
126	The Adhesion of Sperm to Sea Urchin Eggs. , 1980, , 151-168.		6

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127	The Interactions of Sea Urchin Gametes During Fertilization. American Zoologist, 1979, 19, 839-849.	0.7	20
128	THE EFFECT OF SOLUBLE EGG JELLY ON THE FERTILIZABILITY OF ACID-DEJELLIED SEA URCHIN EGGS*. Development Growth and Differentiation, 1979, 21, 47-60.	1.5	28
129	THE FERTILIZING CAPACITY OF SEA URCHIN SPERM RAPIDLY DECREASES AFTER INDUCTION OF THE ACROSOME REACTION*. Development Growth and Differentiation, 1979, 21, 61-69.	1.5	47
130	Chapter 2 Immunoperoxidase Localization of Bindin During the Adhesion of Sperm to Sea Urchin Eggs. Current Topics in Developmental Biology, 1979, 13 Pt 1, 31-44.	2.2	83
131	NH4Cl and other weak bases in the activation of sea urchin eggs (reply). Nature, 1978, 274, 190-190.	27.8	0
132	Isolation of sperm bindin from the oyster (Crassostrea gigas). Gamete Research, 1978, 1, 89-99.	1.7	39
133	MACROMOLECULES MEDIATING SPERM-EGG RECOGNITION AND ADHESION DURING SEA URCHIN FERTILIZATION11Work supported by NIH Grant HD-08645. , 1978, , 379-389.		5
134	Characterization and comparison of â€œbindinâ€•isolated from sperm of two species of sea urchins. Biochemical and Biophysical Research Communications, 1977, 79, 159-165.	2.1	25
135	Species specific agglutination of eggs by bindin isolated from sea urchin sperm. Nature, 1977, 267, 836-838.	27.8	135
136	The rise and fall of intracellular pH of sea urchin eggs after fertilisation. Nature, 1977, 269, 590-592.	27.8	61
137	Isolated cortical granules: A model system for studying membrane fusion and calcium-mediated exocytosis. Journal of Supramolecular Structure, 1976, 5, 27-35.	2.3	32
138	The isolation of intact cortical granules from sea urchin eggs: Calcium ions trigger granule discharge. Developmental Biology, 1975, 43, 62-74.	2.0	347
139	DNA synthesis in unfertilized sea urchin eggs can be turned on and turned off by the addition and removal of procaine hydrochloride. Developmental Biology, 1975, 47, 12-31.	2.0	58
140	Further studies on the glucose inhibition of Î²-1,3-glucanohydrolase increase during gut differentiation of sand dollar larvae. Developmental Biology, 1974, 36, 1-7.	2.0	5
141	Sea Urchin Eggs Release Protease Activity at Fertilization. Nature, 1972, 237, 34-36.	27.8	121
142	Protease Activity establishes the Block against Polyspermy in Sea Urchin Eggs. Nature, 1972, 240, 352-353.	27.8	116
143	The appearance of Î±-amylase activity during gut differentiation in sand dollar plutei. Developmental Biology, 1971, 26, 393-399.	2.0	17
144	The appearance of Î²-1,3-glucanohydrolase activity during the differentiation of the gut of sand dollar plutei. Developmental Biology, 1971, 26, 1-10.	2.0	33

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145	The effects of glucose and lithium chloride on the appearance of Î²-1,3-glucanohydrolase activity in sand dollar plutei. Developmental Biology, 1971, 26, 11-16.	2.0	12
146	Chromosomal Abnormalities resulting from Ethidium Bromide Treatment. Nature, 1969, 222, 193-195.	27.8	38
147	Biochemical Consequences of Ethidium Bromide Treatment of Sea Urchin Embryos. Nature, 1969, 224, 706-707.	27.8	4