

Naoto Yonezawa

List of Publications by Year in descending order

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342
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Sperm-Binding Sites in the N-Terminal Domain of Bovine Egg Coat Glycoprotein ZP4. <i>International Journal of Molecular Sciences</i> , 2022, 23, 762.	4.1	6
2	Sperm-binding regions on bovine egg zona pellucida glycoprotein ZP4 studied in a solid supported form on plastic plate. <i>PLoS ONE</i> , 2021, 16, e0254234.	2.5	5
3	The Hinge Region of Bovine Zona Pellucida Glycoprotein ZP3 Is Involved in the Formation of the Sperm-Binding Active ZP3/ZP4 Complex. <i>Biomolecules</i> , 2015, 5, 3339-3353.	4.0	22
4	Posttranslational Modifications of Zona Pellucida Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2014, 759, 111-140.	1.6	18
5	Binding of Sperm to the Zona Pellucida Mediated by Sperm Carbohydrate-Binding Proteins is not Species-Specific in Vitro between Pigs and Cattle. <i>Biomolecules</i> , 2013, 3, 85-107.	4.0	19
6	Coordination structures of Mg ²⁺ and Ca ²⁺ in three types of tobacco calmodulins in solution: Fourier transform infrared spectroscopic studies of side chain COO ⁻ groups. <i>Biopolymers</i> , 2013, 99, 472-483.	2.4	4
7	Porcine zona pellucida glycoprotein ZP4 is responsible for the sperm-binding activity of the ZP3/ZP4 complex. <i>Zygote</i> , 2012, 20, 389-397.	1.1	25
8	Recombinant bovine zona pellucida glycoproteins ZP3 and ZP4 coexpressed in Sf9 cells form a sperm-binding active hetero-complex. <i>FEBS Journal</i> , 2007, 274, 5390-5405.	4.7	24
9	Recombinant Porcine Zona Pellucida Glycoproteins Expressed in Sf9 Cells Bind to Bovine Sperm but Not to Porcine Sperm. <i>Journal of Biological Chemistry</i> , 2005, 280, 20189-20196.	3.4	33
10	Identification of the carboxyl termini of porcine zona pellucida glycoproteins ZPB and ZPC. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 877-882.	2.1	30
11	Molecular cloning of bovine zona pellucida glycoproteins ZPA and ZPB and analysis for sperm-binding component of the zona. <i>FEBS Journal</i> , 2001, 268, 3587-3594.	0.2	30
12	The Presence of a Glycosyl Phosphatidylinositol-Anchored α -Mannosidase in Boar Sperm. <i>IUBMB Life</i> , 2000, 49, 485-489.	3.4	12
13	Localization of neutral N-linked carbohydrate chains in pig zona pellucida glycoprotein ZPC. <i>FEBS Journal</i> , 1999, 260, 57-63.	0.2	22
14	Localization of carbohydrate chains of pig sperm ligand in the glycoprotein ZPB of egg zona pellucida. <i>FEBS Journal</i> , 1998, 252, 492-499.	0.2	49
15	Identification of an N-Glycosylated Region of Pig Zona Pellucida Glycoprotein ZPB that is involved in Sperm Binding. <i>FEBS Journal</i> , 1997, 248, 86-92.	0.2	38
16	Structural Characterization of the N-Linked Carbohydrate Chains of the Zona Pellucida Glycoproteins from Bovine Ovarian and Fertilized Eggs. <i>FEBS Journal</i> , 1996, 240, 448-453.	0.2	44
17	A Role of Cofilin/Destrin in Reorganization of Actin Cytoskeleton in Response to Stresses and Cell Stimuli. <i>Cell Structure and Function</i> , 1996, 21, 421-424.	1.1	43
18	Involvement of N-Linked Carbohydrate Chains of Pig Zona Pellucida in Sperm-Egg Binding. <i>FEBS Journal</i> , 1995, 233, 35-41.	0.2	72