

# Naoto Yonezawa

## List of Publications by Year in descending order

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18  
papers

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docs citations

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times ranked

342  
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#	ARTICLE	IF	CITATIONS
1	Involvement of N-Linked Carbohydrate Chains of Pig Zona Pellucida in Sperm-Egg Binding. FEBS Journal, 1995, 233, 35-41.	0.2	72
2	Localization of carbohydrate chains of pig sperm ligand in the glycoprotein ZPB of egg zona pellucida. FEBS Journal, 1998, 252, 492-499.	0.2	49
3	Structural Characterization of the N-Linked Carbohydrate Chains of the Zona Pellucida Glycoproteins from Bovine Ovarian and Fertilized Eggs. FEBS Journal, 1996, 240, 448-453.	0.2	44
4	A Role of Cofilin/Destrin in Reorganization of Actin Cytoskeleton in Response to Stresses and Cell Stimuli.. Cell Structure and Function, 1996, 21, 421-424.	1.1	43
5	Identification of an N-Glycosylated Region of Pig Zona Pellucida Glycoprotein ZPB that is involved in Sperm Binding. FEBS Journal, 1997, 248, 86-92.	0.2	38
6	Recombinant Porcine Zona Pellucida Glycoproteins Expressed in Sf9 Cells Bind to Bovine Sperm but Not to Porcine Sperm. Journal of Biological Chemistry, 2005, 280, 20189-20196.	3.4	33
7	Molecular cloning of bovine zona pellucida glycoproteins ZPA and ZPB and analysis for sperm-binding component of the zona. FEBS Journal, 2001, 268, 3587-3594.	0.2	30
8	Identification of the carboxyl termini of porcine zona pellucida glycoproteins ZPB and ZPC. Biochemical and Biophysical Research Communications, 2003, 307, 877-882.	2.1	30
9	Porcine zona pellucida glycoprotein ZP4 is responsible for the sperm-binding activity of the ZP3/ZP4 complex. Zygote, 2012, 20, 389-397.	1.1	25
10	Recombinant bovine zona pellucida glycoproteins ZP3 and ZP4 coexpressed in Sf9 cells form a sperm-binding active hetero-complex. FEBS Journal, 2007, 274, 5390-5405.	4.7	24
11	Localization of neutral N-linked carbohydrate chains in pig zona pellucida glycoprotein ZPC. FEBS Journal, 1999, 260, 57-63.	0.2	22
12	The Hinge Region of Bovine Zona Pellucida Glycoprotein ZP3 Is Involved in the Formation of the Sperm-Binding Active ZP3/ZP4 Complex. Biomolecules, 2015, 5, 3339-3353.	4.0	22
13	Binding of Sperm to the Zona Pellucida Mediated by Sperm Carbohydrate-Binding Proteins is not Species-Specific in Vitro between Pigs and Cattle. Biomolecules, 2013, 3, 85-107.	4.0	19
14	Posttranslational Modifications of Zona Pellucida Proteins. Advances in Experimental Medicine and Biology, 2014, 759, 111-140.	1.6	18
15	The Presence of a Glycosyl Phosphatidylinositol-Anchored $\alpha$ -Mannosidase in Boar Sperm. IUBMB Life, 2000, 49, 485-489.	3.4	12
16	Identification of Sperm-Binding Sites in the N-Terminal Domain of Bovine Egg Coat Glycoprotein ZP4. International Journal of Molecular Sciences, 2022, 23, 762.	4.1	6
17	Sperm-binding regions on bovine egg zona pellucida glycoprotein ZP4 studied in a solid supported form on plastic plate. PLoS ONE, 2021, 16, e0254234.	2.5	5
18	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 <sup>-</sup> groups. Biopolymers, 2013, 99, 472-483.	2.4	4