

# Toshifumi Nakao

## List of Publications by Year in descending order

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28  
papers

1,442  
citations

471509

17  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Important amino acids for function of the insect Rdl <sc>GABA</sc> receptor. <i>Pest Management Science</i> , 2021, 77, 3753-3762.	3.4	4
2	Mechanisms underlying the selectivity of <i>meta</i>-diamides between insect resistance to dieldrin (<sc>RDL</sc>) and human $\gamma$ -aminobutyric acid (<sc>GABA</sc>) and glycine receptors. <i>Pest Management Science</i> , 2021, 77, 3744-3752.	3.4	5
3	Insecticides, biologics and nematicides: Updates to IRAC's mode of action classification - a tool for resistance management. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104587.	3.6	223
4	Differential metabolism of neonicotinoids by brown planthopper, <i>Nilaparvata lugens</i> , CYP6ER1 variants. <i>Pesticide Biochemistry and Physiology</i> , 2020, 165, 104538.	3.6	18
5	Differential metabolism of neonicotinoids by <i>Myzus persicae</i> CYP6CY3 stably expressed in <i>Drosophila</i> S2 cells. <i>Journal of Pesticide Sciences</i> , 2019, 44, 177-180.	1.4	10
6	Differential metabolism of imidacloprid and dinotefuran by <i>Bemisia tabaci</i> CYP6CM1 variants. <i>Pesticide Biochemistry and Physiology</i> , 2019, 159, 27-33.	3.6	32
7	Mechanisms of resistance to insecticides targeting RDL GABA receptors in planthoppers. <i>NeuroToxicology</i> , 2017, 60, 293-298.	3.0	37
8	Insecticide Resistance in Rice Planthoppers. <i>ACS Symposium Series</i> , 2017, , 23-39.	0.5	1
9	Broflanilide: A meta-diamide insecticide with a novel mode of action. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 372-377.	3.0	113
10	Study on the structure and insecticide sensitivity of the RDL GABA receptor. <i>Japanese Journal of Pesticide Science</i> , 2015, 40, 163-170.	0.0	0
11	Study on the structure and insecticide sensitivity of the RDL GABA receptor. <i>Journal of Pesticide Sciences</i> , 2015, 40, 152-159.	1.4	6
12	Minireview: Mode of action of meta-diamide insecticides. <i>Pesticide Biochemistry and Physiology</i> , 2015, 121, 39-46.	3.6	28
13	Comparison between the modes of action of novel meta-diamide and macrocyclic lactone insecticides on the RDL GABA receptor. <i>Pesticide Biochemistry and Physiology</i> , 2015, 120, 101-108.	3.6	27
14	Effects of novel meta-diamide insecticides on GABA type A receptors $\alpha 2 \beta 2$ and $\alpha 2 \beta 3$ and on glycine receptor $\alpha 1 \beta 2$ . <i>Journal of Pesticide Sciences</i> , 2014, 39, 144-151.	1.4	13
15	Insecticidal 3-benzamido-N-phenylbenzamides specifically bind with high affinity to a novel allosteric site in housefly GABA receptors. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 285-292.	3.6	51
16	Meta-diamide insecticides acting on distinct sites of RDL GABA receptor from those for conventional noncompetitive antagonists. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 366-375.	2.7	98
17	A comparison of the modes of action of novel meta-diamide insecticides and conventional noncompetitive antagonists on the <i>Spodoptera litura</i> RDL GABA receptor. <i>Journal of Pesticide Sciences</i> , 2013, 38, 123-128.	1.4	19
18	Detection of the A262N mutation in the RDL GABA receptor subunits of fipronil-resistant pests <i>Sogatella furcifera</i> and <i>Laodelphax striatellus</i> using a PCR-RFLP assay. <i>Journal of Pesticide Sciences</i> , 2013, 38, 157-160.	1.4	13

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19	Concentration-Dependent Effects of GABA on Insensitivity to Fipronil in the A2â€²S Mutant RDL GABA Receptor From Fipronil-Resistant <i>Oulema oryzae</i>; (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2012, 105, 1781-1788.	1.8	22
20	Fipronil resistance in <i>Sogatella furcifera</i> : Molecular cloning and functional expression of wild-type and mutant RDL GABA receptor subunits. <i>Journal of Pesticide Sciences</i> , 2012, 37, 37-44.	1.4	46
21	The A2â€²N Mutation of the RDL $\hat{3}$ -Aminobutyric Acid Receptor Conferring Fipronil Resistance in <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae). <i>Journal of Economic Entomology</i> , 2011, 104, 646-652.	1.8	69
22	Mutation of the GABA receptor associated with fipronil resistance in the whitebacked planthopper, <i>Sogatella furcifera</i> . <i>Pesticide Biochemistry and Physiology</i> , 2010, 97, 262-266.	3.6	59
23	Modulation of androgen receptor transcriptional activity by anti-acne reagents. <i>Journal of Dermatological Science</i> , 2004, 36, 97-101.	1.9	18
24	There are two major types of hepatitis C virus in Japan. <i>Biochemical and Biophysical Research Communications</i> , 1990, 170, 1021-1025.	2.1	350
25	Mapping of the multiple regulatory sites for putP and putA expression in the putC region of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1988, 214, 379-388.	2.4	12
26	Nucleotide sequence of putC, the regulatory region for the put regulon of <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1987, 210, 364-368.	2.4	22
27	Nucleotide sequence of putP, the proline carrier gene of <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1987, 208, 70-75.	2.4	113
28	Genetic and physical characterization of putP, the proline carrier gene of <i>Escherichia coli</i> K12. <i>Molecular Genetics and Genomics</i> , 1986, 202, 35-41.	2.4	33