

Kyong Sup Yoon

List of Publications by Year in descending order

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61
papers

3,007
citations

136950

32
h-index

168389

53
g-index

61
all docs

61
docs citations

61
times ranked

2726
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and interaction of multiple genes resulting in DDT resistance in the 91-R strain of <i>Drosophila melanogaster</i> by RNAi approaches. <i>Pesticide Biochemistry and Physiology</i> , 2018, 151, 90-99.	3.6	23
2	Exposure to permethrin promotes high fat diet-induced weight gain and insulin resistance in male C57BL/6J mice. <i>Food and Chemical Toxicology</i> , 2018, 111, 405-416.	3.6	51
3	Overcoming Insecticide Resistance: Proactive Detection and Management of Insecticide-Resistant Human Lice. <i>ACS Symposium Series</i> , 2018, , 9-24.	0.5	0
4	4,4'-Dichlorodiphenyltrichloroethane (<sc>DDT</sc>) and 4,4'-dichlorodiphenyldichloroethylene (<sc>DDE</sc>) inhibit myogenesis in <sc>C2C12</sc> myoblasts. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 5176-5185.	3.5	5
5	Imidacloprid Promotes High Fat Diet-Induced Adiposity in Female C57BL/6J Mice and Enhances Adipogenesis in 3T3-L1 Adipocytes via the AMPK \pm -Mediated Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6572-6581.	5.2	51
6	Permethrin alters glucose metabolism in conjunction with high fat diet by potentiating insulin resistance and decreases voluntary activities in female C57BL/6J mice. <i>Food and Chemical Toxicology</i> , 2017, 108, 161-170.	3.6	33
7	Ovicidal Efficacy of Abametapir Against Eggs of Human Head and Body Lice (Anoplura: Pediculidae). <i>Journal of Medical Entomology</i> , 2017, 54, 167-172.	1.8	13
8	Fipronil promotes adipogenesis via AMPK \pm -mediated pathway in 3T3-L1 adipocytes. <i>Food and Chemical Toxicology</i> , 2016, 92, 217-223.	3.6	48
9	Management of Head Louse Infestations in the United States—A Literature Review. <i>Pediatric Dermatology</i> , 2016, 33, 466-472.	0.9	38
10	Imidacloprid Promotes High Fat Diet-Induced Adiposity and Insulin Resistance in Male C57BL/6J Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9293-9306.	5.2	83
11	Expansion of the Knockdown Resistance Frequency Map for Human Head Lice (Phthiraptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 53, 653-659.	1.8	38
12	4,4'-Dichlorodiphenyltrichloroethane (DDT) and 4,4'-dichlorodiphenyldichloroethylene (DDE) promote adipogenesis in 3T3-L1 adipocyte cell culture. <i>Pesticide Biochemistry and Physiology</i> , 2016, 131, 40-45.	3.6	55
13	In Vitro and In Vivo Evaluation of Infestation Deterrents Against Lice. <i>Journal of Medical Entomology</i> , 2015, 52, 970-978.	1.8	10
14	RNAi validation of resistance genes and their interactions in the highly DDT-resistant 91-R strain of <i>Drosophila melanogaster</i> . <i>Pesticide Biochemistry and Physiology</i> , 2015, 121, 107-115.	3.6	56
15	Quantitative Sequencing for the Determination of Kdr-type Resistance Allele (V419L, L925I, I936F) Frequencies in Common Bed Bug (Hemiptera: Cimicidae) Populations Collected from Israel. <i>Journal of Medical Entomology</i> , 2015, 52, 1018-1027.	1.8	27
16	Utilization of the human louse genome to study insecticide resistance and innate immune response. <i>Pesticide Biochemistry and Physiology</i> , 2015, 120, 125-132.	3.6	13
17	Comparison of the genome profiles between head and body lice. <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 377-382.	0.9	8
18	Odorant receptor-based discovery of natural repellents of human lice. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 66, 103-109.	2.7	24

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19	Development of multifunctional metabolic synergists to suppress the evolution of resistance against pyrethroids in insects that blood feed on humans. <i>Pest Management Science</i> , 2015, 71, 842-849.	3.4	15
20	Knockdown Resistance Allele Frequencies in North American Head Louse (Anoplura: Pediculidae) Populations. <i>Journal of Medical Entomology</i> , 2014, 51, 450-457.	1.8	35
21	Permethrin Alters Adipogenesis in 3T3L1 Adipocytes and Causes Insulin Resistance in C2C12 Myotubes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2014, 28, 418-424.	3.0	53
22	Identification and characterization of an esterase involved in malathion resistance in the head louse <i>Pediculus humanus capitis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2014, 112, 13-18.	3.6	24
23	Resistance in the highly DDT-resistant 91-R strain of <i>Drosophila melanogaster</i> involves decreased penetration, increased metabolism, and direct excretion. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 207-217.	3.6	77
24	Imidacloprid, a Neonicotinoid Insecticide, Potentiates Adipogenesis in 3T3-L1 Adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 255-259.	5.2	74
25	Imidacloprid, a neonicotinoid insecticide, induces insulin resistance. <i>Journal of Toxicological Sciences</i> , 2013, 38, 655-660.	1.5	39
26	<i>Bartonella quintana</i> Deploys Host and Vector Temperature-Specific Transcriptomes. <i>PLoS ONE</i> , 2013, 8, e58773.	2.5	11
27	Comparison of the immune response in alimentary tract tissues from body versus head lice following <i>Escherichia coli</i> oral infection. <i>Journal of Asia-Pacific Entomology</i> , 2012, 15, 409-412.	0.9	12
28	Comparison of the humoral and cellular immune responses between body and head lice following bacterial challenge. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 332-339.	2.7	68
29	Brief exposures of human body lice to sublethal amounts of ivermectin overexpresses detoxification genes involved in tolerance. <i>Insect Molecular Biology</i> , 2011, 20, 687-699.	2.0	85
30	Simplify, simplify. <i>Communicative and Integrative Biology</i> , 2011, 4, 188-191.	1.4	5
31	Molecular mechanisms and monitoring of permethrin resistance in human head lice. <i>Pesticide Biochemistry and Physiology</i> , 2010, 97, 109-114.	3.6	22
32	Determination of knockdown resistance allele frequencies in global human head louse populations using the serial invasive signal amplification reaction. <i>Pest Management Science</i> , 2010, 66, 1031-1040.	3.4	57
33	A point mutation in a glutamate-gated chloride channel confers abamectin resistance in the two-spotted spider mite, <i>Tetranychus urticae</i> Koch. <i>Insect Molecular Biology</i> , 2010, 19, 583-591.	2.0	142
34	Decreased detoxification genes and genome size make the human body louse an efficient model to study xenobiotic metabolism. <i>Insect Molecular Biology</i> , 2010, 19, 599-615.	2.0	81
35	Pyrethroid Pediculicide Resistance of Head Lice in Canada Evaluated by Serial Invasive Signal Amplification Reaction. <i>Journal of Cutaneous Medicine and Surgery</i> , 2010, 14, 115-118.	1.2	34
36	Establishment of Quantitative Sequencing and Filter Contact Vial Bioassay for Monitoring Pyrethroid Resistance in the Common Bed Bug, <i>Cimex lectularius</i> . <i>Journal of Medical Entomology</i> , 2010, 47, 592-599.	1.8	48

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37	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12168-12173.	7.1	482
38	Establishment of Quantitative Sequencing and Filter Contact Vial Bioassay for Monitoring Pyrethroid Resistance in the Common Bed Bug, <i>Cimex lectularius</i> . Journal of Medical Entomology, 2010, 47, 592-599.	1.8	30
39	Human Head Lice: Status, Control and Resistance. ACS Symposium Series, 2009, , 73-88.	0.5	5
40	Resistance Management of the Human Head Louse Using Molecular Tools. ACS Symposium Series, 2009, , 203-215.	0.5	3
41	Biochemical and Molecular Analysis of Deltamethrin Resistance in the Common Bed Bug (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 18	1.8	18
42	A New Ivermectin Formulation Topically Kills Permethrin-Resistant Human Head Lice (Anoplura: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.8	40
43	Determination of Permethrin Resistance Allele Frequency of Human Head Louse Populations by Quantitative Sequencing. Journal of Medical Entomology, 2008, 45, 912-920.	1.8	41
44	Biochemical and Molecular Analysis of Deltamethrin Resistance in the Common Bed Bug (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	60
45	A New Ivermectin Formulation Topically Kills Permethrin-Resistant Human Head Lice (Anoplura: Tj ETQq1 1 0.784314 rgBT /Overlock 29	1.8	29
46	Determination of Permethrin Resistance Allele Frequency of Human Head Louse Populations by Quantitative Sequencing. Journal of Medical Entomology, 2008, 45, 912-920.	1.8	27
47	Body Lice and Head Lice (Anoplura: Pediculidae) Have the Smallest Genomes of Any Hemimetabolous Insect Reported to Date. Journal of Medical Entomology, 2007, 44, 1009-1012.	1.8	27
48	Functional analysis of mutations in expressed acetylcholinesterase that result in azinphosmethyl and carbofuran resistance in Colorado potato beetle. Pesticide Biochemistry and Physiology, 2007, 88, 181-190.	3.6	27
49	Body Lice and Head Lice (Anoplura: Pediculidae) Have the Smallest Genomes of Any Hemimetabolous Insect Reported to Date. Journal of Medical Entomology, 2007, 44, 1009-1012.	1.8	22
50	Target site insensitivity and mutational analysis of acetylcholinesterase from a carbofuran-resistant population of Colorado potato beetle, <i>Leptinotarsa decemlineata</i> (Say). Pesticide Biochemistry and Physiology, 2006, 84, 165-179.	3.6	17
51	Esterase-mediated malathion resistance in the human head louse, <i>Pediculus capitis</i> (Anoplura: Tj ETQq1 1 0.784314 rgBT /Overlock 37	3.6	37
52	An improved in vitro rearing system for the human head louse allows the determination of resistance to formulated pediculicides. Pesticide Biochemistry and Physiology, 2006, 86, 195-202.	3.6	48
53	Resistance and cross-resistance to insecticides in human head lice from Florida and California. Pesticide Biochemistry and Physiology, 2004, 80, 192-201.	3.6	56
54	Control and Resistance Management of Human Pediculosis. ACS Symposium Series, 2004, , 383-393.	0.5	2

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55	Increased frequency of the T929I and L932F mutations associated with knockdown resistance in permethrin-resistant populations of the human head louse, <i>Pediculus capitis</i> , from California, Florida, and Texas. <i>Pesticide Biochemistry and Physiology</i> , 2003, 77, 115-124.	3.6	53
56	Sodium channel mutations associated with knockdown resistance in the human head louse, <i>Pediculus capitis</i> (De Geer). <i>Pesticide Biochemistry and Physiology</i> , 2003, 75, 79-91.	3.6	68
57	Differential susceptibility to abamectin and two bioactive avermectin analogs in abamectin-resistant and -susceptible strains of Colorado potato beetle, <i>Leptinotarsa decemlineata</i> (Say) (Coleoptera: Tj ETQq1 1 0.7843d 4 rgBT 10verloc		
58	Permethrin-Resistant Human Head Lice, <i>Pediculus capitis</i> , and Their Treatment. <i>Archives of Dermatology</i> , 2003, 139, 994-1000.	1.4	102
59	Selective induction of abamectin metabolism by dexamethasone, 3-methylcholanthrene, and phenobarbital in Colorado potato beetle, <i>Leptinotarsa decemlineata</i> (Say). <i>Pesticide Biochemistry and Physiology</i> , 2002, 73, 74-86.	3.6	23
60	DNA-based genotyping techniques for the detection of point mutations associated with insecticide resistance in Colorado potato beetle <i>Leptinotarsa decemlineata</i> . <i>Pest Management Science</i> , 2001, 57, 968-974.	3.4	50
61	Molecular Analysis of <i>kdr</i> -like Resistance in Permethrin-Resistant Strains of Head Lice, <i>Pediculus capitis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2000, 66, 130-143.	3.6	163