Kyong Sup Yoon

List of Publications by Year
in descending order

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	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
2	Molecular Analysis of kdr-like Resistance in Permethrin-Resistant Strains of Head Lice, Pediculus capitis. Pesticide Biochemistry and Physiology, 2000, 66, 130-143.	3.6	163
3	A point mutation in a glutamateâ€gated chloride channel confers abamectin resistance in the twoâ€spotted spider mite, Tetranychus urticae Koch. Insect Molecular Biology, 2010, 19, 583-591.	2.0	142
4	Biochemical and Molecular Analysis of Deltamethrin Resistance in the Common Bed Bug (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	118
5	Permethrin-Resistant Human Head Lice, Pediculus capitis, and Their Treatment. Archives of Dermatology, 2003, 139, 994-1000.	1.4	102
6	Brief exposures of human body lice to sublethal amounts of ivermectin overâ€transcribes detoxification genes involved in tolerance. Insect Molecular Biology, 2011, 20, 687-699.	2.0	85
7	Imidacloprid Promotes High Fat Diet-Induced Adiposity and Insulin Resistance in Male C57BL/6J Mice. Journal of Agricultural and Food Chemistry, 2016, 64, 9293-9306.	5.2	83
8	Decreased detoxification genes and genome size make the human body louse an efficient model to study xenobiotic metabolism. Insect Molecular Biology, 2010, 19, 599-615.	2.0	81
9	Resistance in the highly DDT-resistant 91-R strain of Drosophila melanogaster involves decreased penetration, increased metabolism, and direct excretion. Pesticide Biochemistry and Physiology, 2013, 107, 207-217.	3.6	77
10	Imidacloprid, a Neonicotinoid Insecticide, Potentiates Adipogenesis in 3T3-L1 Adipocytes. Journal of Agricultural and Food Chemistry, 2013, 61, 255-259.	5.2	74
11	Sodium channel mutations associated with knockdown resistance in the human head louse, Pediculus capitis (De Geer). Pesticide Biochemistry and Physiology, 2003, 75, 79-91.	3.6	68
12	Comparison of the humoral and cellular immune responses between body and head lice following bacterial challenge. Insect Biochemistry and Molecular Biology, 2011, 41, 332-339.	2.7	68
13	Biochemical and Molecular Analysis of Deltamethrin Resistance in the Common Bed Bug (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	60
14	Determination of knockdown resistance allele frequencies in global human head louse populations using the serial invasive signal amplification reaction. Pest Management Science, 2010, 66, 1031-1040.	3.4	57
15	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
16	RNAi validation of resistance genes and their interactions in the highly DDT-resistant 91-R strain of Drosophila melanogaster. Pesticide Biochemistry and Physiology, 2015, 121, 107-115.	3.6	56
17	4,4â€²-Dichlorodiphenyltrichloroethane (DDT) and 4,4â€²-dichlorodiphenyldichloroethylene (DDE) promote adipogenesis in 3T3-L1 adipocyte cell culture. Pesticide Biochemistry and Physiology, 2016, 131, 40-45.	3.6	55
18	Increased frequency of the T929I and L932F mutations associated with knockdown resistance in permethrin-resistant populations of the human head louse, Pediculus capitis, from California, Florida, and Texas. Pesticide Biochemistry and Physiology, 2003, 77, 115-124.	3.6	53

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19	Permethrin Alters Adipogenesis in 3T3â€L1 Adipocytes and Causes Insulin Resistance in C2C12 Myotubes. Journal of Biochemical and Molecular Toxicology, 2014, 28, 418-424.	3.0	53
20	Imidacloprid Promotes High Fat Diet-Induced Adiposity in Female C57BL/6J Mice and Enhances Adipogenesis in 3T3-L1 Adipocytes via the AMPKÎ±-Mediated Pathway. Journal of Agricultural and Food Chemistry, 2017, 65, 6572-6581.	5.2	51
21	Exposure to permethrin promotes high fat diet-induced weight gain and insulin resistance in male C57BL/6J mice. Food and Chemical Toxicology, 2018, 111, 405-416.	3.6	51
22	DNA-based genotyping techniques for the detection of point mutations associated with insecticide resistance in Colorado potato beetleLeptinotarsa decemlineata. Pest Management Science, 2001, 57, 968-974.	3.4	50
23	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
24	Establishment of Quantitative Sequencing and Filter Contact Vial Bioassay for Monitoring Pyrethroid Resistance in the Common Bed Bug, Cimex lectularius. Journal of Medical Entomology, 2010, 47, 592-599.	1.8	48
25	Fipronil promotes adipogenesis via AMPKÎ±-mediated pathway in 3T3-L1 adipocytes. Food and Chemical Toxicology, 2016, 92, 217-223.	3.6	48
26	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
27	A New Ivermectin Formulation Topically Kills Permethrin-Resistant Human Head Lice (Anoplura:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	40
28	Imidacloprid, a neonicotinoid insecticide, induces insulin resistance. Journal of Toxicological Sciences, 2013, 38, 655-660.	1.5	39
29	Management of Head Louse Infestations in the United Statesâ€"A Literature Review. Pediatric Dermatology, 2016, 33, 466-472.	0.9	38
30	Expansion of the Knockdown Resistance Frequency Map for Human Head Lice (Phthiraptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 53, 653-659.	1.8	38
31	Esterase-mediated malathion resistance in the human head louse, Pediculus capitis (Anoplura:) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	37
32	Knockdown Resistance Allele Frequencies in North American Head Louse (Anoplura: Pediculidae) Populations. Journal of Medical Entomology, 2014, 51, 450-457.	1.8	35
33	Pyrethroid Pediculicide Resistance of Head Lice in Canada Evaluated by Serial Invasive Signal Amplification Reaction. Journal of Cutaneous Medicine and Surgery, 2010, 14, 115-118.	1.2	34
34	Permethrin alters glucose metabolism in conjunction with high fat diet by potentiating insulin resistance and decreases voluntary activities in female C57BL/6J mice. Food and Chemical Toxicology, 2017, 108, 161-170.	3.6	33
35	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
36	A New Ivermectin Formulation Topically Kills Permethrin-Resistant Human Head Lice (Anoplura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.8	29

#	Article	IF	Citations
37	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
38	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
39	Quantitative Sequencing for the Determination of Kdr-type Resistance Allele (V419L, L925I, I936F) Frequencies in Common Bed Bug (Hemiptera: Cimicidae) Populations Collected from Israel. Journal of Medical Entomology, 2015, 52, 1018-1027.	1.8	27
40	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
41	Identification and characterization of an esterase involved in malathion resistance in the head louse Pediculus humanus capitis. Pesticide Biochemistry and Physiology, 2014, 112, 13-18.	3.6	24
42	Odorant receptor-based discovery of natural repellents of human lice. Insect Biochemistry and Molecular Biology, 2015, 66, 103-109.	2.7	24
43	Selective induction of abamectin metabolism by dexamethasone, 3-methylcholanthrene, and phenobarbital in Colorado potato beetle, Leptinotarsa decemlineata (Say). Pesticide Biochemistry and Physiology, 2002, 73, 74-86.	3.6	23
44	Identification and interaction of multiple genes resulting in DDT resistance in the 91-R strain of Drosophila melanogaster by RNAi approaches. Pesticide Biochemistry and Physiology, 2018, 151, 90-99.	3.6	23
45	Molecular mechanisms and monitoring of permethrin resistance in human head lice. Pesticide Biochemistry and Physiology, 2010, 97, 109-114.	3.6	22
46	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
47	Differential susceptibility to abamectin and two bioactive avermectin analogs in abamectin-resistant and -susceptible strains of Colorado potato beetle, Leptinotarsa decemlineata (Say) (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overloc	3.6	19
48	Target site insensitivity and mutational analysis of acetylcholinesterase from a carbofuran-resistant population of Colorado potato beetle, Leptinotarsa decemlineata (Say). Pesticide Biochemistry and Physiology, 2006, 84, 165-179.	3.6	17
49	Development of multifunctional metabolic synergists to suppress the evolution of resistance against pyrethroids in insects that blood feed on humans. Pest Management Science, 2015, 71, 842-849.	3.4	15
50	Utilization of the human louse genome to study insecticide resistance and innate immune response. Pesticide Biochemistry and Physiology, 2015, 120, 125-132.	3.6	13
51	Ovicidal Efficacy of Abametapir Against Eggs of Human Head and Body Lice (Anoplura: Pediculidae). Journal of Medical Entomology, 2017, 54, 167-172.	1.8	13
52	Comparison of the immune response in alimentary tract tissues from body versus head lice following Escherichia coli oral infection. Journal of Asia-Pacific Entomology, 2012, 15, 409-412.	0.9	12
53	Bartonella quintana Deploys Host and Vector Temperature-Specific Transcriptomes. PLoS ONE, 2013, 8, e58773.	2.5	11
54	In Vitro and In Vivo Evaluation of Infestation Deterrents Against Lice. Journal of Medical Entomology, 2015, 52, 970-978.	1.8	10

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55	Comparison of the genome profiles between head and body lice. Journal of Asia-Pacific Entomology, 2015, 18, 377-382.	0.9	8
56	Human Head Lice: Status, Control and Resistance. ACS Symposium Series, 2009, , 73-88.	0.5	5
57	Simplify, simplify. Communicative and Integrative Biology, 2011, 4, 188-191.	1.4	5
58	4,4â€²â€Ðichlorodiphenyltrichloroethane (<scp>DDT</scp>) and 4,4â€²â€dichlorodiphenyldichloroethylene (<scp>DDE</scp>) inhibit myogenesis in <scp>C2C12</scp> myoblasts. Journal of the Science of Food and Agriculture, 2017, 97, 5176-5185.	3.5	5
59	Resistance Management of the Human Head Louse Using Molecular Tools. ACS Symposium Series, 2009, , 203-215.	0.5	3
60	Control and Resistance Management of Human Pediculosis. ACS Symposium Series, 2004, , 383-393.	0.5	2
61	Overcoming Insecticide Resistance: Proactive Detection and Management of Insecticide-Resistant Human Lice. ACS Symposium Series, 2018, , 9-24.	0.5	0