

# Klaus Reinhardt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1053171/publications.pdf>

Version: 2024-02-01

38  
papers

974  
citations

623734

14  
h-index

477307

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. <i>Nature Communications</i> , 2016, 7, 10165.	12.8	184
2	Mitochondrial Replacement, Evolution, and the Clinic. <i>Science</i> , 2013, 341, 1345-1346.	12.6	148
3	An Ecology of Sperm: Sperm Diversification by Natural Selection. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 435-459.	8.3	67
4	Copulatory Wounding and Traumatic Insemination. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a017582.	5.5	64
5	Risks inherent to mitochondrial replacement. <i>EMBO Reports</i> , 2015, 16, 541-544.	4.5	43
6	Co-speciation in bedbug <i>Wolbachia</i> parallel the pattern in nematode hosts. <i>Scientific Reports</i> , 2018, 8, 8797.	3.3	43
7	<i>In vitro</i> antimicrobial sperm protection by an ejaculate-like substance. <i>Functional Ecology</i> , 2013, 27, 219-226.	3.6	42
8	A systematic review and meta-analysis reveals pervasive effects of germline mitochondrial replacement on components of health. <i>Human Reproduction Update</i> , 2018, 24, 519-534.	10.8	42
9	Reduction of female copulatory damage by resilin represents evidence for tolerance in sexual conflict. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20141107.	3.4	40
10	Bedbugs Evolved before Their Bat Hosts and Did Not Co-speciate with Ancient Humans. <i>Current Biology</i> , 2019, 29, 1847-1853.e4.	3.9	36
11	Females become infertile as the stored sperm's oxygen radicals increase. <i>Scientific Reports</i> , 2013, 3, .	3.3	35
12	Neuropeptidomics of the Bed Bug <i>Cimex lectularius</i> . <i>Journal of Proteome Research</i> , 2018, 17, 440-454.	3.7	35
13	The motility-based swim-up technique separates bull sperm based on differences in metabolic rates and tail length. <i>PLoS ONE</i> , 2019, 14, e0223576.	2.5	35
14	Bacterial communities of the reproductive organs of virgin and mated common bedbugs, <i>Cimex lectularius</i> . <i>Ecological Entomology</i> , 2020, 45, 142-154.	2.2	21
15	Distinct metabolic profiles in <i>Drosophila</i> sperm and somatic tissues revealed by two-photon NAD(P)H and FAD autofluorescence lifetime imaging. <i>Scientific Reports</i> , 2019, 9, 19534.	3.3	15
16	Sperm metabolism is altered during storage by female insects: evidence from two-photon autofluorescence lifetime measurements in bedbugs. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150609.	3.4	13
17	Outbreeding effects in an inbreeding insect, <i>Cimex lectularius</i> . <i>Ecology and Evolution</i> , 2015, 5, 409-418.	1.9	12
18	Metabolic Rate and Oxygen Radical Levels Increase But Radical Generation Rate Decreases with Male Age in <i>Drosophila melanogaster</i> Sperm. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2278-2285.	3.6	12

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19	Interactions between cytoplasmic and nuclear genomes confer sex-specific effects on lifespan in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2020, 33, 694-713.	1.7	11
20	Dietary polyunsaturated fatty acids affect volume and metabolism of <i>Drosophila melanogaster</i> sperm. <i>Journal of Evolutionary Biology</i> , 2020, 33, 544-550.	1.7	11
21	Autofluorescence lifetime variation in the cuticle of the bedbug <i>Cimex lectularius</i> . <i>Arthropod Structure and Development</i> , 2017, 46, 56-62.	1.4	8
22	Female transcriptomic response to male genetic and nongenetic ejaculate variation. <i>Behavioral Ecology</i> , 2015, 26, 681-688.	2.2	7
23	The Entomological Institute of the Waffen-SS: evidence for offensive biological warfare research in the third Reich. <i>Endeavour</i> , 2013, 37, 220-227.	0.4	6
24	Identification and age-dependence of pteridines in bed bugs ( <i>Cimex lectularius</i> ) and bat bugs ( <i>C. Tj ETQq0 0 0 rgBTj (Overlock 10 Tf 50</i>	3.3	5
25	Production and scavenging of reactive oxygen species both affect reproductive success in male and female <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2021, 22, 379-396.	3.9	5
26	The Cytoplasm Affects the Epigenome in <i>Drosophila melanogaster</i> . <i>Epigenomes</i> , 2018, 2, 17.	1.8	4
27	Sperm ageing: A complex business. <i>Functional Ecology</i> , 2019, 33, 1188-1189.	3.6	4
28	Sperm viability varies with buffer and genotype in <i>Drosophila melanogaster</i> . <i>Fly</i> , 2021, 15, 1-7.	1.7	4
29	Somatic production of reactive oxygen species does not predict its production in sperm cells across <i>Drosophila melanogaster</i> lines. <i>BMC Research Notes</i> , 2021, 14, 131.	1.4	4
30	Evidence for a sexually selected function of the attachment system in bedbugs <i>Cimex lectularius</i> (Heteroptera, Cimicidae). <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	3
31	Teaching changes interest and attitudes of students towards bedbugs. <i>International Journal of Science Education</i> , 2020, 42, 1818-1833.	1.9	3
32	Sex differences in bedbug nymphs, <i>Cimex lectularius</i> . <i>Journal of Applied Entomology</i> , 2020, 144, 838-843.	1.8	3
33	Male diet affects female fitness and sperm competition in human- and bat-associated lineages of the common bedbug, <i>Cimex lectularius</i> . <i>Scientific Reports</i> , 2021, 11, 15538.	3.3	3
34	Sperm metabolic rate predicts female mating frequency across <i>Drosophila</i> species. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 573-584.	2.3	3
35	Seminal fluid and sperm diluent affect sperm metabolism in an insect: Evidence from <i>NAD(P)H</i> and flavin adenine dinucleotide autofluorescence lifetime imaging. <i>Microscopy Research and Technique</i> , 2022, 85, 398-411.	2.2	2
36	Bedbugs. <i>Current Biology</i> , 2019, 29, R1118-R1119.	3.9	1

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37	Reply: Mitochondrial replacement and its effects on human health: accounting for non-independence of data in meta-analyses. <i>Human Reproduction Update</i> , 2019, 25, 393-394.	10.8	0
38	Divergent natural selection alters male sperm competition success in <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2022, 12, e8567.	1.9	0