# Jared B Bennett

List of Publications by Year
in descending order



| 13 | 826 | 840776 | 1125743 |
|---|---|---|---|
| papers | citations | 11 h-index | 13 g-index |

| 22 | 22 | 22 | 387 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Development of a confinable gene drive system in the human disease vector Aedes aegypti. ELife, 2020, 9, . | 6.0 | 156 |
| 2 | Efficient population modification gene-drive rescue system in the malaria mosquito Anopheles stephensi. Nature Communications, 2020, 11, 5553. | 12.8 | 110 |
| 3 | Experimental population modification of the malaria vector mosquito, Anopheles stephensi. PLoS Genetics, 2019, 15, e1008440. | 3.5 | 101 |
| 4 | Suppressing mosquito populations with precision guided sterile males. Nature Communications, 2021, 12, 5374. | 12.8 | 73 |
| 5 | A transcomplementing gene drive provides a flexible platform for laboratory investigation and potential field deployment. Nature Communications, 2020, 11, 352. | 12.8 | 61 |
| 6 | Inherently confinable split-drive systems in Drosophila. Nature Communications, 2021, 12, 1480. | 12.8 | 55 |
| 7 | Active Genetic Neutralizing Elements for Halting or Deleting Gene Drives. Molecular Cell, 2020, 80, 246-262.e4. | 9.7 | 54 |
| 8 | MGD<scp>riv</scp>E: A modular simulation framework for the spread of gene drives through spatially explicit mosquito populations. Methods in Ecology and Evolution, 2020, 11, 229-239. | 5.2 | 53 |
| 9 | A confinable home-and-rescue gene drive for population modification. ELife, 2021, 10, . | 6.0 | 42 |
| 10 | MGDrivE 2: A simulation framework for gene drive systems incorporating seasonality and epidemiological dynamics. PLoS Computational Biology, 2021, 17, e1009030. | 3.2 | 28 |
| 11 | Modeling confinement and reversibility of threshold-dependent gene drive systems in spatially-explicit Aedes aegypti populations. BMC Biology, 2020, 18, 50. | 3.8 | 27 |
| 12 | Reversing insecticide resistance with allelic-drive in Drosophila melanogaster. Nature Communications, 2022, 13, 291. | 12.8 | 21 |
| 13 | Exploiting a Y chromosome-linked Cas9 for sex selection and gene drive. Nature Communications, 2021, 12, 7202. | 12.8 | 9 |