# Takeshi Todo

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5161413/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 42 papers | 1,642 citations | 430874 18 h-index | 414414 32 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 1938 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | OUP accepted manuscript. Journal of Radiation Research, 2022, , . | 1.6 | 0 |
| 2 | Estrogen receptor 2b is the major determinant of sex-typical mating behavior and sexual preference in medaka. Current Biology, 2021, 31, 1699-1710.e6. | 3.9 | 36 |
| 3 | Involvement of Rev1 in alkylating agentâ€induced loss of heterozygosity in Oryzias latipes. Genes To Cells, 2020, 25, 124-138. | 1.2 | 3 |
| 4 | The central clock controls the daily rhythm of Aqp5 expression in salivary glands. Journal of Physiological Sciences, 2018, 68, 377-385. | 2.1 | 6 |
| 5 | Ovarian aromatase loss-of-function mutant medaka undergo ovary degeneration and partial female-to-male sex reversal after puberty. Molecular and Cellular Endocrinology, 2018, 460, 104-122. | 3.2 | 55 |
| 6 | Coulomb and CHâ€“Ï€Âinteractions in (6â€“4) photolyaseâ€“DNA complex dominate DNA binding and repair abilities. Nucleic Acids Research, 2018, 46, 6761-6772. | 14.5 | 11 |
| 7 | UPR transducer BBF2H7 allows export of type II collagen in a cargo- and developmental stageâ€specific manner. Journal of Cell Biology, 2017, 216, 1761-1774. | 5.2 | 48 |
| 8 | Targeted Inactivation of DNA Photolyase Genes in Medaka Fish (Oryzias latipes). Photochemistry and Photobiology, 2017, 93, 315-322. | 2.5 | 4 |
| 9 | Unfolded protein response transducer IRE1-mediated signaling independent of XBP1 mRNA splicing is not required for growth and development of medaka fish. ELife, 2017, 6, . | 6.0 | 39 |
| 10 | Functional Conversion of CPD and (6â€“4) Photolyases by Mutation. Biochemistry, 2016, 55, 4173-4183. | 2.5 | 20 |
| 11 | Cryptochrome-dependent circadian periods in the arcuate nucleus. Neuroscience Letters, 2016, 610, 123-128. | 2.1 | 10 |
| 12 | Fukushima simulation experiment: assessing the effects of chronic low-dose-rate internal<sup>137</sup>Cs radiation exposure on litter size, sex ratio, and biokinetics in mice. Journal of Radiation Research, 2015, 56, i29-i35. | 1.6 | 16 |
| 13 | Structural role of two histidines in the (6-4) photolyase reaction. Biophysics and Physicobiology, 2015, 12, 139-144. | 1.0 | 8 |
| 14 | Recovery from Age-Related Infertility under Environmental Light-Dark Cycles Adjusted to the Intrinsic Circadian Period. Cell Reports, 2015, 12, 1407-1413. | 6.4 | 47 |
| 15 | Human Papillomavirus and Cystic Node Metastasis in Oropharyngeal Cancer and Cancer of Unknown Primary Origin. PLoS ONE, 2014, 9, e95364. | 2.5 | 81 |
| 16 | In Vivo Role of Phosphorylation of Cryptochrome 2 in the Mouse Circadian Clock. Molecular and Cellular Biology, 2014, 34, 4464-4473. | 2.3 | 18 |
| 17 | The Cryptochrome/Photolyase Family in aquatic organisms. Marine Genomics, 2014, 14, 23-37. | 1.1 | 81 |
| 18 | p53-Dependent suppression of genome instability in germ cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 760, 24-32. | 1.0 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Positive Role for PERIOD in Mammalian Circadian Gene Expression. Cell Reports, 2014, 7, 1056-1064. | 6.4 | 46 |
| 20 | ATF6Î±/Î²-mediated adjustment of ER chaperone levels is essential for development of the notochord in medaka fish. Molecular Biology of the Cell, 2013, 24, 1387-1395. | 2.1 | 51 |
| 21 | Substrate Assignment of the (6-4) Photolyase Reaction by FTIR Spectroscopy. Journal of Physical Chemistry Letters, 2011, 2, 2774-2777. | 4.6 | 15 |
| 22 | 3Q1458 Comparison of molecular properties between two functionally distinct Cryptochrome-DASH proteins(Photobiology : Vision & Photoreception4,The 49th Annual Meeting of the Biophysical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0 | 0 |
| 23 | 3Q1434 Spectroscopic study of light-dependent activation and DNA repair processes of(Photobiology :) Tj ETQq1 1 0.784314 rgBT /Ove Butsuri, 2011, 51, S162. | 0.1 | 0 |
| 24 | 3P271 Circular Dichroism spectra of zebrafish Cryptochrome-DASH(Photobiology: Vision &) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 50, S193. | 0.1 | 0 |
| 25 | High-resolution melting curve analysis for rapid detection of mutations in a Medaka TILLING library. BMC Molecular Biology, 2010, 11, 70. | 3.0 | 62 |
| 26 | 1P123 Low-temperature FTIR study of photoactivation and photorepair processes of (6-4) photolyase(Nucleic acid binding proteins,The 48th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2010, 50, S41. | 0.1 | 0 |
| 27 | Long-Term Rearing of Medaka Aboard ISS to Clarify the Trans-Generation Effects in Vertebrates Induced by Cosmic Ray Irradiation. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2010, 8, Tp_1-Tp_3. | 0.2 | 0 |
| 28 | 2P-214 Photoreaction pathway in zebrafish Cryptochrome-DASH determined by low temperature spectroscopy(Photobiology:Vision & Photoreception,The 47th Annual Meeting of the Biophysical) Tj ETQq0 0 0 rgBT /Overlock 10 T | 0.1 | 0 |
| 29 | 3P-211 Direct observation of enzymatic (6-4) photoproduct conversion by FTIR spectroscopy(Photobiology:Vision & Photoreception,The 47th Annual Meeting of the Biophysical) Tj ETQq1 1 0.784314 rgBT /Ov | 0.1 | 0 |
| 30 | 1P-267 Light-induced structural changes of photolyase and cryptochrome by FTIR spectroscopy(The) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.1 | 0 |
| 31 | Electron Nuclear Double Resonance Differentiates Complementary Roles for Active Site Histidines in (6-4) Photolyase. Journal of Biological Chemistry, 2007, 282, 4738-4747. | 3.4 | 80 |
| 32 | Generation of medaka gene knockout models by target-selected mutagenesis. Genome Biology, 2006, 7, R116. | 9.6 | 137 |
| 33 | Mutagenic and Nonmutagenic Bypass of DNA Lesions byDrosophila DNA Polymerases dpolÎ· and dpolÎ¹. Journal of Biological Chemistry, 2001, 276, 15155-15163. | 3.4 | 35 |
| 34 | Molecular analysis of zebrafish photolyase/cryptochrome family: two types of cryptochromes present in zebrafish. Genes To Cells, 2000, 5, 725-738. | 1.2 | 178 |
| 35 | DCRY is aDrosophilaphotoreceptor protein implicated in light entrainment of circadian rhythm. Genes To Cells, 1999, 4, 57-65. | 1.2 | 73 |
| 36 | Chemical Synthesis of Oligonucleotides Containing The (6-4) Photoproduct at the Thymine-Cytosine Site and Its Repair By (6-4) Photolyase. Nucleosides & Nucleotides, 1999, 18, 1325-1327. | 0.5 | 3 |

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|---|---|---|---|
| 37 | DNA Photolyase and Cryptochrome.. Seibutsu Butsuri, 1999, 39, 312-315. | 0.1 | 0 |
| 38 | Photoreactivating Enzyme for (6â€“4) Photoproducts in Cultured Goldfish Cells. Photochemistry and Photobiology, 1997, 65, 964-968. | 2.5 | 18 |
| 39 | Molecular Evolution of the Photolyaseâ€“Blue-Light Photoreceptor Family. Journal of Molecular Evolution, 1997, 45, 535-548. | 1.8 | 145 |
| 40 | PREFERENTIAL INHIBITION OF NUCLEOSOME ASSEMBLY BY ULTRAVIOLETâ€INDUCED (6â€4)PHOTOPRODUCTS. Photochemistry and Photobiology, 1995, 61, 459-462. | 2.5 | 11 |
| 41 | A new photoreactivating enzyme that specifically repairs ultraviolet light-induced (6-4)photoproducts. Nature, 1993, 361, 371-374. | 27.8 | 289 |
| 42 | ENHANCED SENSITIVITY TO THE LETHAL AND MUTAGENIC EFFECTS OF PHOTOSENSITIZING ACTION OF CHLORPROMAZINE IN ETHYLENEDIAMINETETRAACETATE-TREATED ESCHERICHIA COLI. Photochemistry and Photobiology, 1982, 35, 591-592. | 2.5 | 9 |