

Martin Kocour

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,617
citations

304368

22
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315357

38
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67
all docs

67
docs citations

67
times ranked

1367
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Heritability estimates for growth-related traits using microsatellite parentage assignment in juvenile common carp (<i>Cyprinus carpio</i> L.). <i>Aquaculture</i> , 2004, 235, 223-236. | 1.7 | 160 |
| 2 | Heritability estimates for processing and quality traits in common carp (<i>Cyprinus carpio</i> L.) using a molecular pedigree. <i>Aquaculture</i> , 2007, 270, 43-50. | 1.7 | 93 |
| 3 | Accuracy of Genomic Evaluations of Juvenile Growth Rate in Common Carp (<i>Cyprinus carpio</i>) Using Genotyping by Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 82. | 1.1 | 85 |
| 4 | Applications of next-generation sequencing in fisheries research: A review. <i>Fisheries Research</i> , 2017, 186, 11-22. | 0.9 | 69 |
| 5 | Genetic variation for growth at one and two summers of age in the common carp (<i>Cyprinus carpio</i> L.): Heritability estimates and response to selection. <i>Aquaculture</i> , 2008, 277, 7-13. | 1.7 | 67 |
| 6 | Cryopreservation of European catfish <i>Silurus glanis</i> sperm: Sperm motility, viability, and hatching success of embryos. <i>Cryobiology</i> , 2005, 51, 250-261. | 0.3 | 59 |
| 7 | Quantity, motility and fertility of tench <i>Tinca tinca</i> (L.) sperm in relation to LHRH analogue and carp pituitary treatments. <i>Aquaculture International</i> , 2006, 14, 75-87. | 1.1 | 59 |
| 8 | Studies on sperm of diploid and triploid tench, <i>Tinca tinca</i> (L.). <i>Aquaculture International</i> , 2006, 14, 9-25. | 1.1 | 50 |
| 9 | Experimental infections of different carp strains with the carp edema virus (CEV) give insights into the infection biology of the virus and indicate possible solutions to problems caused by koi sleepy disease (KSD) in carp aquaculture. <i>Veterinary Research</i> , 2017, 48, 12. | 1.1 | 48 |
| 10 | Optimizing Genomic Prediction of Host Resistance to Koi Herpesvirus Disease in Carp. <i>Frontiers in Genetics</i> , 2019, 10, 543. | 1.1 | 48 |
| 11 | Spermatozoal competition in common carp (<i>Cyprinus carpio</i>): what is the primary determinant of competition success?. <i>Reproduction</i> , 2005, 130, 705-711. | 1.1 | 47 |
| 12 | Testing of performance in common carp <i>Cyprinus carpio</i> L. under pond husbandry conditions I: top-crossing with Northern mirror carp. <i>Aquaculture Research</i> , 2005, 36, 1207-1215. | 0.9 | 46 |
| 13 | Type I interferon responses of common carp strains with different levels of resistance to koi herpesvirus disease during infection with CyHV-3 or SVCV. <i>Fish and Shellfish Immunology</i> , 2019, 87, 809-819. | 1.6 | 44 |
| 14 | Optimization of artificial propagation in European catfish, <i>Silurus glanis</i> L.. <i>Aquaculture</i> , 2004, 235, 619-632. | 1.7 | 43 |
| 15 | The progestin levonorgestrel disrupts gonadotropin expression and sex steroid levels in pubertal roach (<i>Rutilus rutilus</i>). <i>Aquatic Toxicology</i> , 2014, 154, 154-162. | 1.9 | 43 |
| 16 | Improvement of common carp artificial reproduction using enzyme for elimination of egg stickiness. <i>Aquatic Living Resources</i> , 2003, 16, 450-456. | 0.5 | 41 |
| 17 | Cryopreservation of tench, <i>Tinca tinca</i> , sperm: Sperm motility and hatching success of embryos. <i>Theriogenology</i> , 2007, 67, 931-940. | 0.9 | 41 |
| 18 | Mapping and Sequencing of a Significant Quantitative Trait Locus Affecting Resistance to Koi Herpesvirus in Common Carp. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3507-3513. | 0.8 | 38 |

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|----|--|-----|-----------|
| 19 | Growth Performance of All-Female and Mixed-Sex Common Carp <i>Cyprinus Carpio</i> L. Populations in the Central Europe Climatic Conditions. <i>Journal of the World Aquaculture Society</i> , 2005, 36, 103-113. | 1.2 | 34 |
| 20 | Insemination, fertilization and gamete management in tench, <i>Tinca tinca</i> (L.). <i>Aquaculture International</i> , 2006, 14, 61-73. | 1.1 | 33 |
| 21 | Microsatellite-based genetic diversity and differentiation of foreign common carp (<i>Cyprinus carpio</i>) strains farmed in the Czech Republic. <i>Aquaculture</i> , 2010, 298, 194-201. | 1.7 | 27 |
| 22 | The genetics of overwintering performance in two-year old common carp and its relation to performance until market size. <i>PLoS ONE</i> , 2018, 13, e0191624. | 1.1 | 25 |
| 23 | Title is missing!. <i>Aquaculture International</i> , 2003, 11, 369-378. | 1.1 | 23 |
| 24 | Estimates of recent and historical effective population size in turbot, seabream, seabass and carp selective breeding programmes. <i>Genetics Selection Evolution</i> , 2021, 53, 85. | 1.2 | 23 |
| 25 | Equalizing sperm concentrations in a common carp (<i>Cyprinus carpio</i>) sperm pool does not affect variance in proportions of larvae sired in competition. <i>Aquaculture</i> , 2007, 272, S204-S209. | 1.7 | 20 |
| 26 | Potential for Genetic Improvement of the Main Slaughter Yields in Common Carp With in vivo Morphological Predictors. <i>Frontiers in Genetics</i> , 2018, 9, 283. | 1.1 | 20 |
| 27 | Flavobacteria as secondary pathogens in carp suffering from koi sleepy disease. <i>Journal of Fish Diseases</i> , 2018, 41, 1631-1642. | 0.9 | 20 |
| 28 | Tench (<i>Tinca tinca</i>) broodstock management in breeding station under conditions of pond culture: a review. <i>Aquaculture International</i> , 2006, 14, 195-203. | 1.1 | 19 |
| 29 | Mouth and fin deformities in common carp: is there a genetic basis?. <i>Aquaculture Research</i> , 2006, 37, 419-422. | 0.9 | 18 |
| 30 | Chemical Composition of Fillets of Mirror Crossbreds Common Carp (<i>Cyprinus carpio</i> L.). <i>Acta Veterinaria Brno</i> , 2010, 79, 551-557. | 0.2 | 18 |
| 31 | The First Results on Relationships Among Amphimictic Diploid, Diploid Gynogenic and Triploid Tench, <i>Tinca tinca</i> L. under Communal Testing. <i>Aquaculture International</i> , 2004, 12, 103-118. | 1.1 | 16 |
| 32 | A proposal and case study towards a conceptual approach of validating sperm competition in common carp (<i>Cyprinus carpio</i> L.), with practical implications for hatchery procedures. <i>Journal of Applied Ichthyology</i> , 2008, 24, 406-409. | 0.3 | 16 |
| 33 | Population Genetic Structure of Tunas Inferred from Molecular Markers: A Review. <i>Reviews in Fisheries Science and Aquaculture</i> , 2015, 23, 72-89. | 5.1 | 16 |
| 34 | Fatty Acid Composition in Intramuscular Lipids of Experimental Scaly Crossbreds in 3-Year-Old Common Carp (<i>Cyprinus carpio</i> L.). <i>Acta Veterinaria Brno</i> , 2007, 76, S73-S81. | 0.2 | 15 |
| 35 | A review on the potential of triploid tench for aquaculture. <i>Reviews in Fish Biology and Fisheries</i> , 2010, 20, 317-329. | 2.4 | 14 |
| 36 | Enzyme treatment for elimination of egg stickiness in tench (<i>Tinca Tinca</i> L.), European catfish (<i>Silurus</i>) Tj ETQq0 0 0, rgBT /Overlock 10 | 0.9 | 13 |

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|----|---|-----|-----------|
| 37 | Growth hormone gene polymorphisms in tench, <i>Tinca tinca</i> L. <i>Aquaculture</i> , 2011, 310, 298-304. | 1.7 | 13 |
| 38 | Chemical composition of edible parts of three-year-old experimental scaly crossbreds of common carp (<i>Cyprinus carpio</i> , Linnaeus 1758). <i>Acta Alimentaria</i> , 2008, 37, 311-322. | 0.3 | 11 |
| 39 | How to genetically increase fillet yield in fish: Relevant genetic parameters and methods to predict genetic gain. <i>Aquaculture</i> , 2020, 519, 734877. | 1.7 | 11 |
| 40 | Koi sleepy disease as a pathophysiological and immunological consequence of a branchial infection of common carp with carp edema virus. <i>Virulence</i> , 2021, 12, 1855-1883. | 1.8 | 11 |
| 41 | Water polluted by 17 β -methyltestosterone provides successful male sex inversion of common carp (<i>Cyprinus carpio</i>) from gynogenetic offspring. <i>Journal of Applied Ichthyology</i> , 2008, 24, ???-??? | 0.3 | 10 |
| 42 | Amino Acid Composition in Fillets of Mirror Crossbreds Common Carp (<i>Cyprinus carpio</i> , Linnaeus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.2 | 10 |
| 43 | Morphological predictors of slaughter yields using 3D digitizer and their use in a common carp breeding program. <i>Aquaculture</i> , 2020, 520, 734993. | 1.7 | 9 |
| 44 | Evaluation of the Dressing Percentage of 3-year-old Experimental Scaly Crossbreds of the Common Carp (<i>Cyprinus carpio</i> , Linnaeus 1758) in Relation to Sex. <i>Acta Veterinaria Brno</i> , 2006, 75, 123-132. | 0.2 | 8 |
| 45 | Mitochondrial DNA variation and phylogenetic relationships among five tuna species based on sequencing of D-loop region. <i>Mitochondrial DNA</i> , 2016, 27, 1-5. | 0.6 | 7 |
| 46 | Estimation of genetic parameters of fatty acids composition in flesh of market size common carp (<i>Cyprinus carpio</i> L.) and their relation to performance traits revealed that selective breeding can indirectly affect flesh quality. <i>Czech Journal of Animal Science</i> , 2018, 63, 280-291. | 0.5 | 7 |
| 47 | Amino acid composition of edible parts of three-year-old experimental scaly crossbreds of common carp (<i>Cyprinus carpio</i> , Linnaeus 1758). <i>Aquaculture Research</i> , 2007, 38, 625-634. | 0.9 | 6 |
| 48 | Performance of different tench, <i>Tinca tinca</i> (L.), groups under semi-intensive pond conditions: it is worth establishing a coordinated breeding program. <i>Reviews in Fish Biology and Fisheries</i> , 2010, 20, 345-355. | 2.4 | 6 |
| 49 | Teleost maturation-inducing hormone, 17,20 β -dihydroxypregn-4-en-3-one, peaks after spawning in <i>Tinca tinca</i> . <i>General and Comparative Endocrinology</i> , 2011, 172, 234-242. | 0.8 | 6 |
| 50 | Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2014, 14, . | 0.4 | 6 |
| 51 | EFFECT OF CULTURE CONDITIONS ON REPRODUCTIVE TRAITS OF BROWN TROUT <i>SALMO TRUTTA</i> L.. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 2006, , 1-12. | 0.4 | 5 |
| 52 | Differences in biochemical profiles among spawners of eight common carp breeds. <i>Journal of Applied Ichthyology</i> , 2009, 25, 734-739. | 0.3 | 5 |
| 53 | Comparison of performance of genome manipulated and standard tench, <i>Tinca tinca</i> (L.), groups under pond management conditions. <i>Reviews in Fish Biology and Fisheries</i> , 2010, 20, 301-306. | 2.4 | 5 |
| 54 | The role of energy reserves in common carp performance inferred from phenotypic and genetic parameters. <i>Aquaculture</i> , 2021, 541, 736799. | 1.7 | 5 |

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|----|---|-----------|-----------|
| 55 | Evaluation of growth and dressing out parameters of experimental scaly crossbreds in 3-year-old common carp (<i>Cyprinus carpio</i> , Linnaeus 1758). <i>Aquaculture Research</i> , 2006, 37, 466-471. | 0.9 | 4 |
| 56 | Genetic relationship between koi herpesvirus disease resistance and production traits inferred from sibling performance in Amur mirror carp. <i>Aquaculture</i> , 2020, 520, 734986. | 1.7 | 4 |
| 57 | The progestin levonorgestrel affects hypothalamus-pituitary-gonad axis in pubertal roach (<i>Rutilus rutilus</i>). <i>Journal of Applied Ichthyology</i> , 2014, 30, 22-28. | 1.0784314 | 3 |
| 58 | A novel transcriptome-derived SNPs array for tench (<i>Tinca tinca</i> L.). <i>PLoS ONE</i> , 2019, 14, e0213992. | 1.1 | 3 |
| 59 | Mouth and fin deformities in common carp: Is there a genetic basis?. <i>Aquaculture</i> , 2007, 272, S277. | 1.7 | 2 |
| 60 | Distribution of five growth hormone gene haplogroups in wild and cultured tench, <i>Tinca tinca</i> L., populations. <i>Journal of Applied Ichthyology</i> , 2014, 30, 22-28. | 0.3 | 2 |
| 61 | Simplified method for genetic slaughter yields improvement in common carp under European pond conditions. <i>Aquaculture Reports</i> , 2021, 21, 100832. | 0.7 | 1 |
| 62 | Polluted water by 17 β -MT provides successful male sex reversal of common carp (<i>Cyprinus carpio</i> L.) from gynogenetic offspring. <i>Aquaculture</i> , 2007, 272, S270-S271. | 1.7 | 0 |