

## Labels for O2k Publications



Please provide some more detailed information about you publication, by ticking the appropriate keyword

- MiPareas:**  Respiration  Instruments;methods  mt-Biogenesis;mt-density  mt-Structure;fission;fusion  mt-Membrane  
 mtDNA;mt-genetics  nDNA;cell genetics  Genetic knockout;overexpression  Comparative MiP;environmental MiP  
 Gender  Developmental biology  Exercise physiology;nutrition;life style  mt-Medicine  Patients  
 Pharmacology;toxicology  mt-Awareness
- Pathological states:**  Aging;senescence  Alzheimer's  Autism  Cancer  Cardiovascular  COPD  Diabetes  Inherited  Infectious  
 Myopathy  Neurodegenerative  Obesity  Parkinson's  Sepsis  Other
- Stress conditions:**  Cell death  Cryopreservation  Ischemia-reperfusion  Permeability transition  Oxidative stress;RONS  Temperature  
 Mitochondrial disease
- Organism:**  Human  Pig  Mouse  Rat  Guinea pig  Bovines  Horse  Dog  Rabbit  Cat  Other mammals  
 Chicken  Zebrafish  Drosophila  Artemia  Caenorhabditis elegans  Saccharomyces cerevisiae  Birds  Reptiles  
 Amphibians  Fishes  Chelicerates  Crustaceans  Hexapods  Myriapods  Annelids  Molluscs  Nematodes  
 Other invertebrates  Fungi  Plants  Protists  Eubacteria  Archea
- Tissues;cells:**  Heart  Skeletal muscle  Nervous system  Liver  Kidney  Lung;gill  Islet cell;pancreas;thymus  
 Endothelial;epithelial;mesothelial cell  Blood cells  Fat  Genital  Other cell lines  CHO  HEK  HeLa  
 Neuroblastoma  Fibroblast  HUVEC  Macrophage-derived  Lymphocyte  Platelet  Stem cells
- Preparations:**  Intact organism  Intact organ  Intact cells  Permeabilized cells  Permeabilized tissue  Homogenate  
 Isolated mitochondria  SMP  Chloroplasts  Enzyme  Oxidase;biochemical oxidation
- Enzymes:**  Adenine nucleotide translocase  Complex I  Complex II;succinate dehydrogenase  Complex III  
 Complex IV;cytochrome c oxidase  Complex V;ATP synthase  Inner mt-membrane transporter  Marker enzyme  
 Supercomplex  TCA cycle and matrix dehydrogenases  Uncoupling protein

- Regulation;**  Aerobic glycolysis  ADP  ATP  ATP production  AMP  Calcium  Coupling efficiency;uncoupling  Cyt c
- kinetics:**  Flux control  Inhibitor  Ion;substrate transport  mt-Membrane potential  Oxygen kinetics  PCr;Cr  pH
- Phosphate  Redox state  Substrate  Temperature  Threshold;excess capacity  Uncoupler  Fatty acid
- Amino acid
- Coupling:**  LEAK  ROUTINE  OXPHOS  ETS
- Pathways:**  F  N  S  Gp  DQ  CIV  NS  Other combinations  ROX
- High-resolution**  Oxygraph-2k  TIP2k  O2k-Fluorometer  pH  NO  TPP  Ca  O2k-Spectrophotometer  O2k-Manual
- respirometry:**  O2k-Protocol  Theory
- Additional labels:**  (separate values by comma)