# Majambu Mbikay

List of Publications by Year
in descending order



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|---|---|---|---|
| 79 papers | 4,101 citations | 136740 32 h-index | 118652 62 g-index |
| 80 all docs | 80 docs citations | 80 times ranked | 4653 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The biological relevance of PCSK9: when less is betterâ€¦. Biochemistry and Cell Biology, 2022, 100, 189-198. | 0.9 | 4 |
| 2 | The loss-of-function PCSK9Q152H variant increases ER chaperones GRP78 and GRP94 and protects against liver injury. Journal of Clinical Investigation, 2021, 131, . | 3.9 | 29 |
| 3 | Association of the rs562556 PCSK9 Gene Polymorphism with Reduced Mortality in Severe Malaria among Malian Children. Canadian Journal of Infectious Diseases and Medical Microbiology, 2020, 2020, 1-5. | 0.7 | 7 |
| 4 | The enigma of soluble LDLR: could inflammation be the key?. Lipids in Health and Disease, 2020, 19, 17. | 1.2 | 10 |
| 5 | Mice Fed a Highâ€Cholesterol Diet Supplemented with Quercetinâ€3â€Glucoside Show Attenuated Hyperlipidemia and Hyperinsulinemia Associated with Differential Regulation of PCSK9 and LDLR in their Liver and Pancreas. Molecular Nutrition and Food Research, 2018, 62, e1700729. | 1.5 | 29 |
| 6 | The ever-expanding saga of the proprotein convertases and their roles in body homeostasis. Current Opinion in Lipidology, 2018, 29, 144-150. | 1.2 | 30 |
| 7 | Associations Between Soluble LDLR and Lipoproteins in a White Cohort and the Effect of PCSK9 Loss-of-Function. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3486-3495. | 1.8 | 14 |
| 8 | Malaria severity: Possible influence of the E670G PCSK9 polymorphism: A preliminary case-control study in Malian children. PLoS ONE, 2018, 13, e0192850. | 1.1 | 12 |
| 9 | Comparing expression and activity of PCSK9 in SPRET/EiJ and C57BL/6J mouse strains shows lack of correlation with plasma cholesterol. Molecular Genetics and Metabolism Reports, 2017, 10, 11-17. | 0.4 | 1 |
| 10 | The Effect of PCSK9 Loss-of-Function Variants on the Postprandial Lipid and ApoB-Lipoprotein Response. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3452-3460. | 1.8 | 32 |
| 11 | 60 YEARS OF POMC: From the prohormone theory to pro-opiomelanocortin and to proprotein convertases (PCSK1 to PCSK9). Journal of Molecular Endocrinology, 2016, 56, T49-T62. | 1.1 | 43 |
| 12 | Prophylactic Efficacy of Quercetin 3-Î²- O - <scp>d</scp> -Glucoside against Ebola Virus Infection. Antimicrobial Agents and Chemotherapy, 2016, 60, 5182-5188. | 1.4 | 77 |
| 13 | Variable effects of gender and <scp>W</scp>estern diet on lipid and glucose homeostasis in aged <scp>PCSK9</scp>â€deficient <scp>C57BL</scp>/6 mice æ€§å^«ä¸Žè¥¿æ–¹é¥®é£Ÿå¯¹CSK9åŸºå›¸ç¼ºé™·çš„PC57BL/6è€è€³¾„å°é¼ çš | 0.8 | 28 |
| 14 | Quercetinâ€3â€glucoside increases lowâ€density lipoprotein receptor (LDLR) expression, attenuates proprotein convertase subtilisin/kexin 9 (PCSK9) secretion, and stimulates LDL uptake by Huh7 human hepatocytes in culture. FEBS Open Bio, 2014, 4, 755-762. | 1.0 | 58 |
| 15 | PCSK9. Circulation Research, 2014, 114, 1022-1036. | 2.0 | 495 |
| 16 | Differential effects of PCSK9 loss of function variants on serum lipid and PCSK9 levels in Caucasian and African Canadian populations. Lipids in Health and Disease, 2013, 12, 70. | 1.2 | 50 |
| 17 | Proprotein <scp>C</scp>onvertases <scp>S</scp>ubtilisin/<scp>K</scp>exin <scp>T</scp>ype 9, an enzyme turned escort protein: Hepatic and extra hepatic functions (ç¬¬9åž‹å‰‰è›‹ç™½è½¬æ¢é…¶â€”æž¯è‰‰æº¶è£Ç´/è›‹ç™½è½é…¶ 391-405. | | |
| 18 | The Multifaceted Proprotein Convertases: Their Unique, Redundant, Complementary, and Opposite Functions. Journal of Biological Chemistry, 2013, 288, 21473-21481. | 1.6 | 151 |

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|---|---|---|---|
| 19 | Therapeutic Potential of Moringa oleifera Leaves in Chronic Hyperglycemia and Dyslipidemia: A Review. Frontiers in Pharmacology, 2012, 3, 24. | 1.6 | 307 |
| 20 | Allelic clustering and ancestry-dependent frequencies of rs6232, rs6234, and rs6235 PCSK1 SNPs in a Northern Ontario population sample. Journal of Community Genetics, 2012, 3, 319-322. | 0.5 | 4 |
| 21 | PCSK2-null mice exhibit delayed intestinal motility, reduced refeeding response and altered plasma levels of several regulatory peptides. Life Sciences, 2011, 88, 212-217. | 2.0 | 21 |
| 22 | Effects of rs6234/rs6235 and rs6232/rs6234/rs6235 PCSK1 single-nucleotide polymorphism clusters on proprotein convertase 1/3 biosynthesis and activity. Molecular Genetics and Metabolism, 2011, 104, 682-687. | 0.5 | 19 |
| 23 | The precursor to the germ cell-specific PCSK4 proteinase is inefficiently activated in transfected somatic cells: evidence of interaction with the BiP chaperone. Molecular and Cellular Biochemistry, 2011, 348, 43-52. | 1.4 | 8 |
| 24 | Novel Loss-of-Function PCSK9 Variant Is Associated with Low Plasma LDL Cholesterol in a French-Canadian Family and with Impaired Processing and Secretion in Cell Culture. Clinical Chemistry, 2011, 57, 1415-1423. | 1.5 | 101 |
| 25 | Regulation of 7B2 mRNA Translation: Dissecting the Role of Its 5â€²-Untranslated Region. Methods in Molecular Biology, 2011, 768, 217-230. | 0.4 | 4 |
| 26 | PCSK9â€deficient mice exhibit impaired glucose tolerance and pancreatic islet abnormalities. FEBS Letters, 2010, 584, 701-706. | 1.3 | 165 |
| 27 | PCSK4-null sperm display enhanced protein tyrosine phosphorylation and ADAM2 proteolytic processing during in vitro capacitation. Fertility and Sterility, 2010, 93, 1112-1123. | 0.5 | 12 |
| 28 | Proprotein convertase subtilisin/kexin type 4 in mammalian fertility: a review. Human Reproduction Update, 2009, 15, 237-247. | 5.2 | 36 |
| 29 | Expression of PCSK1 (PC1/3), PCSK2 (PC2) and PCSK3 (furin) in mouse small intestine. Regulatory Peptides, 2009, 152, 54-60. | 1.9 | 34 |
| 30 | Characterization of ostrich (Struthio camelus) Î²-microseminoprotein (MSP): Ideication of homologous sequences in EST databases and analysis of their evolution during speciation. Protein Science, 2008, 10, 2207-2218. | 3.1 | 40 |
| 31 | PCSK9 is phosphorylated by a Golgi casein kinaseâ€like kinase exâ€ƒvivo and circulates as a phosphoprotein in humans. FEBS Journal, 2008, 275, 3480-3493. | 2.2 | 58 |
| 32 | Plasma PCSK9 levels are significantly modified by statins and fibrates in humans. Lipids in Health and Disease, 2008, 7, 22. | 1.2 | 187 |
| 33 | Recombinant proprotein convertase 4 (PC4) from Leishmania tarentolae expression system: Purification, biochemical study and inhibitor design. Protein Expression and Purification, 2008, 60, 117-126. | 0.6 | 25 |
| 34 | Proprotein convertases as therapeutic targets. Expert Opinion on Therapeutic Targets, 2008, 12, 1289-1300. | 1.5 | 32 |
| 35 | Ethnic Differences in the Frequency of the Cardioprotective C679X PCSK9 Mutation in a West African Population. Genetic Testing and Molecular Biomarkers, 2008, 12, 377-380. | 1.7 | 16 |
| 36 | Proteomic Analysis of Neuroendocrine Peptidergic System Disruption Using the AtT20 Pituitary Cell Line as a Model. Methods in Molecular Biology, 2008, 410, 111-122. | 0.4 | 2 |

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|---|---|---|---|
| 37 | A targeted deletion/insertion in the mouse Pcsk1 locus is associated with homozygous embryo preimplantation lethality, mutant allele preferential transmission and heterozygous female susceptibility to dietary fat. Developmental Biology, 2007, 306, 584-598. | 0.9 | 34 |
| 38 | Plasma PCSK9 levels correlate with cholesterol in men but not in women. Biochemical and Biophysical Research Communications, 2007, 361, 451-456. | 1.0 | 82 |
| 39 | Of PCSK9, cholesterol homeostasis and parasitic infections: Possible survival benefits of loss-of-function PCSK9 genetic polymorphisms. Medical Hypotheses, 2007, 69, 1010-1017. | 0.8 | 24 |
| 40 | Increased stress-induced analgesia in mice lacking the proneuropeptide convertase PC2. Neuroscience Letters, 2006, 406, 71-75. | 1.0 | 19 |
| 41 | Deletion of the Gene Encoding Proprotein Convertase 5/6 Causes Early Embryonic Lethality in the Mouse. Molecular and Cellular Biology, 2006, 26, 354-361. | 1.1 | 73 |
| 42 | Differences of Pancreatic Expression of 7B2 Between C57BL/6J and C3H/HeJ Mice and Genetic Polymorphisms at its locus (Sgne1). Diabetes, 2006, 55, 452-459. | 0.3 | 19 |
| 43 | Sperm from Mice Genetically Deficient for the PCSK4 Proteinase Exhibit Accelerated Capacitation, Precocious Acrosome Reaction, Reduced Binding to Egg Zona Pellucida, and Impaired Fertilizing Ability1. Biology of Reproduction, 2006, 74, 666-673. | 1.2 | 53 |
| 44 | Expression and transient nuclear translocation of proprotein convertase 1 (PC1) during mouse preimplantation embryonic development. Molecular Reproduction and Development, 2005, 72, 483-493. | 1.0 | 12 |
| 45 | Role of pro-IGF-II processing by proprotein convertase 4 in human placental development. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11047-11052. | 3.3 | 100 |
| 46 | The Cysteine-rich Domain of the Secreted Proprotein Convertases PC5A and PACE4 Functions as a Cell Surface Anchor and Interacts with Tissue Inhibitors of Metalloproteinases. Molecular Biology of the Cell, 2005, 16, 5215-5226. | 0.9 | 88 |
| 47 | In vitro elucidation of substrate specificity and bioassay of proprotein convertase 4 using intramolecularly quenched fluorogenic peptides. Biochemical Journal, 2004, 380, 505-514. | 1.7 | 32 |
| 48 | Pituitary Adenylate Cyclase Activating Polypeptide- Mediated Intracrine Signaling in the Testicular Germ Cells. Endocrine, 2004, 23, 59-76. | 2.2 | 26 |
| 49 | Genetic Mapping of the Gene for SKI-1/S1P Protease (locus Symbol Mbtps 1) to Mouse Chromosome 8. DNA Sequence, 2002, 13, 109-111. | 0.7 | 4 |
| 50 | Involvement of matrix metalloproteinases in the adipose conversion of 3T3-L1 preadipocytes. Biochemical Journal, 2002, 364, 739-746. | 1.7 | 84 |
| 51 | ACTH secretion by mouse corticotroph AtT20 cells is negatively modulated by the intracellular level of 7B2. FEBS Letters, 2002, 512, 259-262. | 1.3 | 9 |
| 52 | Characterization of a repressor element in the promoter region of proprotein convertase 2 (PC2) gene. Molecular Brain Research, 2002, 102, 35-47. | 2.5 | 4 |
| 53 | Altered processing of the neurotensin/neuromedinâ€ƒN precursor in PC2 knock down mice: a biochemical and immunohistochemical study. Journal of Neurochemistry, 2002, 82, 783-793. | 2.1 | 47 |
| 54 | Proprotein convertases are important mediators of the adipocyte differentiation of mouse 3T3-L1 cells. Journal of Cell Science, 2002, 115, 1203-11. | 1.2 | 18 |

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|---|---|---|---|
| 55 | Neuroendocrine secretory protein 7B2: structure, expression and functions. Biochemical Journal, 2001, 357, 329. | 1.7 | 123 |
| 56 | Neuroendocrine secretory protein 7B2: structure, expression and functions. Biochemical Journal, 2001, 357, 329-342. | 1.7 | 155 |
| 57 | The testicular germ-cell protease PC4 is also expressed in macrophage-like cells of the ovary. Journal of Reproductive Immunology, 2001, 49, 133-152. | 0.8 | 46 |
| 58 | Pituitary Adenylate Cyclase-Activating Polypeptide Precursor Is Processed Solely by Prohormone Convertase 4 in the Gonads*. Endocrinology, 2000, 141, 3723-3730. | 1.4 | 44 |
| 59 | Prohormone Convertase PC4 Processes the Precursor of PACAP in the Testis. Annals of the New York Academy of Sciences, 2000, 921, 333-339. | 1.8 | 23 |
| 60 | Enzymic characterization in vitro of recombinant proprotein convertase PC4. Biochemical Journal, 1999, 343, 29-37. | 1.7 | 41 |
| 61 | The Subtilisin/Kexin Family of Precursor Convertases: Emphasis on PC1, PC2/7B2, POMC and the Novel Enzyme SKIâ€1. Annals of the New York Academy of Sciences, 1999, 885, 57-74. | 1.8 | 130 |
| 62 | Enzymic characterization in vitro of recombinant proprotein convertase PC4. Biochemical Journal, 1999, 343, 29. | 1.7 | 20 |
| 63 | Molecular Cloning and Gene Expression Analysis of PSP94 (Prostate Secretory Protein of 94 Amino) Tj ETQq1 1 0.784314 rgBT /Overl | 0.9 | 16 |
| 64 | Calcium-induced aggregation of neuroendocrine protein 7B2in vitro and its modulation by ATP. Molecular and Cellular Biochemistry, 1995, 151, 39-47. | 1.4 | 11 |
| 65 | Chromosomal assignment of the genes for proprotein convertases PC4, PC5, and PACE 4 in mouse and human. Genomics, 1995, 26, 123-129. | 1.3 | 32 |
| 66 | A Chimeric Proinsulin-CD5 Protein Expressed in AtT-20 Cells Is Directed to the Cell Surface via the Constitutive Pathway. Experimental Cell Research, 1995, 220, 79-91. | 1.2 | 4 |
| 67 | Structure of the Gene for the Testis-Specific Proprotein Convertase 4 and of Its Alternate Messenger RNA Isoforms. Genomics, 1994, 20, 231-237. | 1.3 | 45 |
| 68 | From Proopiomelanocortin to Cancer.. Annals of the New York Academy of Sciences, 1993, 680, 13-19. | 1.8 | 20 |
| 69 | Expression of Neuroendocrine Secretory Protein 7B2 mRNA in the Mouse and Rat Pituitary Gland. Neuroendocrinology, 1993, 58, 86-93. | 1.2 | 20 |
| 70 | Rapid evolution of prostatic protein PSP94 suggested by sequence divergence between rhesus monkey and human cDNAs. Genomics, 1991, 9, 775-777. | 1.3 | 27 |
| 71 | Chromosomal assignments of the genes for neuroendocrine convertase PC1 (NEC1) to human 5q15â€“21, neuroendocrine convertase PC2 (NEC2) to human 20p11.1â€“11.2, and furin (mouse 7[D1-E2] region). Genomics, 1991, 11, 103-107. | 1.3 | 47 |
| 72 | The production by alternate splicing of two mRNAs differing by one codon could be an intrinsic property of neuroendocrine protein 7B2 gene expression in man. Biochemical and Biophysical Research Communications, 1991, 174, 156-162. | 1.0 | 9 |

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|---|---|---|---|
| 73 | Immunological identification and sequence characterization of a peptide derived from the processing of neuroendocrine protein 7B2. FEBS Letters, 1991, 294, 23-26. | 1.3 | 23 |
| 74 | An infant with deletion of the distal long arm of chromosome 15 (q26.1â†'qter) and loss of insulin-like growth factor 1 receptor gene. American Journal of Medical Genetics Part A, 1991, 38, 74-79. | 2.4 | 160 |
| 75 | Assignment of the gene for neuroendocrine protein 7B2 (SGNE1 locus) to mouse chromosome region 2[E3â€"F3] and to human chromosome region 15q11-q15. Genomics, 1990, 6, 436-440. | 1.3 | 28 |
| 76 | Functional diversity of bioactive peptides in the nervous system itself: â€œHow the brain may understandâ€• Bioscience Reports, 1989, 9, 693-700. | 1.1 | 10 |
| 77 | cDNA sequence of neuroendocrine protein 7B2 expressed in beta cell tumors of transgenic mice. International Journal of Peptide and Protein Research, 1989, 33, 39-45. | 0.1 | 50 |
| 78 | Localization of the Human Prostatic Secretory Protein PSP<sub>94</sub> and its mRNA in the Epithelial Cells of the Prostate. Journal of Andrology, 1988, 9, 253-260. | 2.0 | 25 |
| 79 | Molecular Cloning and Sequence of the cDNA for a 94-Amino-Acid Seminal Plasma Protein Secreted by the Human Prostate. DNA and Cell Biology, 1987, 6, 23-29. | 5.1 | 71 |