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學歷 Michigan State University Ph.D. Biochemistry

專長1 Protein Chemistry

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專長4 Metabolic Regulation

專長5 Influenza Virus

教師研究成果資料明細



SCI、SSCI、A&HCI、EI、TSSCI期刊論文

1. 蔡建鈞(Henry J Tsai)*, 1999-, (已刊登)

ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS 369卷1期:149頁~159頁
Functional Organization and Evolution of Mammalian Hexokinases: Mutations That Caused the Loss of Catalytic Activity in N-terminal Halves of Type I and Type III Isozymes

2. (D. Andrew Skaff)、(Chang Sup Kim)、蔡建鈞(Henry J Tsai)、(Richard B. Honzatko)、(Herbert J. Fromm)*, 2005-, (已刊登)

JOURNAL OF BIOLOGICAL CHEMISTRY 280卷46期:38403頁~38409頁
Glucose 6-phosphate release of wild-type and mutant human brain hexokinases from mitochondria

3. 蔡建鈞(Henry J Tsai)*、(Shan-Yen Chou)、(SH Chuang)、(CC Chen)、(FL Hsu)*, 2008-12, (已刊登)

DRUG DEVELOPMENT RESEARCH 69卷0期:514頁~519頁
A Novel Orally Active Sulfonamide Compound Dipeptidyl Peptidase IV Inhibitor: Structure and Activity Relationship of Arylsulfonamide to Dipeptidyl Peptidase IV Inhibition

4. 蔡建鈞(Henry J Tsai)*、(Shan-Yen Chou)、(Frank Kappler)、(Michael L Schwartz)、(Annette M Tobia), 2006-, (已刊登)

DRUG DEVELOPMENT RESEARCH 67卷0期:448頁~455頁
A New Inhibitor for Fructosamine 3-Kinase (Amadorase)

5. 蔡建鈞(Henry J Tsai)*, 2007-, (已刊登)

JOURNAL OF BIOMEDICAL SCIENCE 14卷2期:195頁~202頁
Function of interdomain alpha-helix in human brain hexokinase: covalent linkage and catalytic regulation between N- and C-terminal halves

6. 蔡建鈞(Henry Jan-Jen Tsai)*、(Shan-Yen Chou), 2009-08, (已刊登)

JOURNAL OF BIOMEDICAL SCIENCE 16卷68期:1頁~12頁
A novel hydroxyfuroic acid compound as an insulin receptor activator - structure and activity relationship of a prenylindole moiety to insulin receptor activation.

7. (Shan-Yen Chou)、蔡建鈞(Henry Jan-Jen Tsai)*, 2010-09, (已刊登)

DRUG DEVELOPMENT RESEARCH 71卷0期:1頁~12頁
Regioselective Synthesis of 3-(1H-indol-3-yl)-5-(1H-indole-3-carbonyl)-4-hydroxyfuroic Acids: A Route to Hydroxyfuroic Acid Based Insulin Receptor

Activators