Corpus ID: 13149509

Share

EVALUATION OF ANTI-DIABETIC AND ANTI-HYPERLIPIDEMIC POTENTIAL OF METHANOLIC EXTRACT OF Juniperus communis (L.) IN STREPTOZOTOCIN-NICOTINAMIDE INDUCED DIABETIC RATS.

Saswata Banerjee, HariOm Singh, T. Chatterjee • Published 2013 • Environmental Science, Medicine •
International journal of pharma and bio sciences

8 Citations

Background Citations   1

View All

TLDR This study demonstrated a dose dependent and significant anti-diabetic and antihyperlipidemic property of Juniperus communis, providing the rationale behind its use as an effective drug against type-2 diabetes. Expand

No Paper Link Available

Save   Alert

8 Citations

48 References

Related Papers

8 Citations

🔍   Date Range ⌄   Citation Type ⌄   Has PDF   Author ⌄   More Filters   More Filters   Filters   Sort by Relevance   ⌄

BENEFICIAL EFFECTS OF AN HYDROETHANOLIC EXTRACT OF SMALLANTHUS SONCHIFOLIUS LEAVES ON THE METABOLIC CHANGES IN DIABETIC RATS

S. Baroni   J. Comar   +4 authors   C. Bersani-Amado   Medicine, Environmental Science · 2014

TLDR The treatment with the extract of Smallanthus sonchifolius leaves reduced glycemia in diabetic animals, restored the activity of glucose-6-phosphate dehydrogenase and AST, decreased the glycogen content of the liver and skeletal muscle, and decreased glucose release in the perfused liver. Expand

❝ 5   Save

Potential of Juniperus communis L as a nutraceutical in human and veterinary medicine

R. Raina   P. Verma   Rajinder Peshin   H. Kour   Medicine, Agricultural and Food Sciences · Heliyon · 2019

❝ 37   PDF   Save

INFLUENCE OF GARLIC OIL ON ANTI DIABETIC ACTIVITY OF GLICLAZIDE IN DIABETIC RATS

S. Nandyala   G. V. Kumar   M. Sravani   Medicine · 2013

TLDR The present study suggests that during the simultaneous administration of gliclazide and garlic oil the dose and frequency of treatment has to be readjusted accordingly in order to avoid severe hypoglycaemic complication due to the drug-drug interactions. Expand

Save

Neuroprotective Effect of Juniperus communis on Chlorpromazine Induced Parkinson Disease in Animal Model

Souravh Bais   N. Gill   Nita Kumar   Medicine, Environmental Science · 2015

TLDR The present study showed the neuroprotective effect of MEJC against CPZ induced Parkinson's disease-like symptoms or anti-Parkinson's activity. Expand

66 37   PDF   ☰ 1 Excerpt   🔖 Save

Identification and Characterization of Amentoflavone from Six Species of Juniperus Against H2O2 Induced Oxidative Damage in Human Erythrocytes and Leucocytes

Souravh Bais   Y. Prashar   Environmental Science, Medicine · 2015

TLDR It is concluded that isolated fractions of AF from Juniperus species (among six species), has a potential source of natural antioxidants for treatment and prevention of diseases in which oxidative stress takes place. Expand

66 12   ∂ PDF   🔖 Save

A Review on Botanical, Phytochemical, and Pharmacological Characteristics of Iranian Junipers (Juniperus spp.)

A. Ghasemnezhad   Amir Ghorbanzadeh   M. K. Sarmast   M. Ghorbanpour   Medicine, Environmental Science · 2020

TLDR The importance of Iranian junipers is described from different points of view including the phytochemistry and therapeutical values to better understand their health-giving properties. Expand

66 5   🔖 Save

Juniper communis L. Essential Oils from Western Romanian Carpathians: Bio-Structure and Effective Antibacterial Activity

E. Dumitrescu   F. Muselin   +5 authors   R. Cristina   Environmental Science, Medicine · Applied Sciences · 2022

TLDR A considerably higher antibacterial effectiveness was detected for Gram-positives, with peak reduction of Staphylococcus aureus, recommending the Romanian essential oil as a beneficial antibacterial resource. Expand

66 5   ∂ PDF   🔖 Save

Seasonal variations of essential oil content and composition in male and female plants of Juniperus communis L. ssp. hemisphaerica growing wild in Iran

Ali Rostaefar   A. Hassani   F. Sefidkon   Environmental Science · 2017

TLDR In the present experiment, the variations chemical composition of essential oil were mainly due to the differences in type of the foliage (extracted from male or female plant) and harvest season. Expand

66 13   🔖 Save

48 References

| Search authors, pub 🔍 | Citation Type ⌄ | Has PDF | Author ⌄ | More Filters | More Filters | Filters | Sort by Relevance ⌄ |

Antidiabetic activity of aqueous root extract of Merremia tridentata (L.) Hall. f. in streptozotocin-induced-diabetic rats.

K. Arunachalam   T. Parimelazhagan   Medicine · Asian Pacific journal of tropical medicine · 2012

66 36   ∂ PDF   ☰ 1 Excerpt   🔖 Save

Antidiabetic, antihyperlipidemic and antioxidant potential of methanol extract of Tectona grandis flowers in streptozotocin induced diabetic rats.

S. Ramachandran   A. Rajasekaran   K. M. Kumar   Environmental Science, Medicine · Asian Pacific journal of tropical medicine · 2011

66 55   PDF   Save

ANTI-DIABETIC AND ANTI-ARTHRITIC POTENTIAL OF GLYCOSMIS PENTAPHYLLA STEM BARK IN FCA INDUCED ARTHRITIS AND STREPTOZOTOCIN INDUCED DIABETIC RATS

C. RameshPetchiRAndVijaya   Medicine · 2012

TLDR There is a significant improvement of the haematological parameters like RBC count, Hb level and the ESR to a near normal level indicating the significant recovery from the anaemic condition and arthritic progress thus justifying its significant role in arthrite conditions. Expand

66 13   Save

Anti-diabetic effects of Cichorium intybus in streptozotocin-induced diabetic rats.

Peter Natesan Pushparaj   H. K. Low   J. Manikandan   B. Tan   C. Tan   Medicine · Journal of ethnopharmacology · 2007

66 308   Save

Anti-diabetic and anti-cholesterolemic activity of methanol extracts of three species of Amaranthus.

K. Girija   K. Lakshman   C. Udaya   S. Sabhya   T. Divya   Medicine · Asian Pacific journal of tropical biomedicine · 2011

66 123   PDF   Save

Antidiabetic and antioxidant potential of Emblica officinalis Gaertn. leaves extract in streptozotocin-induced type-2 diabetes mellitus (T2DM) rats.

Parminder Nain   V. Saini   Sunil Sharma   Jaspreet Nain   Environmental Science, Medicine · Journal of ethnopharmacology · 2012

66 177   PDF   1 Excerpt   Save

Antihyperglycemic and antihyperlipidemic activities of methanol:water (4:1) fraction isolated from aqueous extract of Syzygium alternifolium seeds in streptozotocin induced diabetic rats.

R. Kasetti   M. Rajasekhar   +5 authors   C. A. Rao   Medicine · Food and chemical toxicology : an international... · 2010

66 164   2 Excerpts   Save

Normo-glycemic and hypolipidemic effect of costunolide isolated from Costus speciosus (Koen ex. Retz.)Sm. in streptozotocin-induced diabetic rats.

J. Eliza   P. Daisy   S. Ignacimuthu   V. Duraipandiyan   Medicine · Chemico-biological interactions · 2009

66 125   Save

Type 2 antidiabetic activity of bergenin from the roots of Caesalpinia digyna Rottler.

R. Kumar   D. Patel   S. Prasad   Damiki Laloo   Sairam Krishnamurthy   S. Hemalatha   Medicine · Fitoterapia · 2012
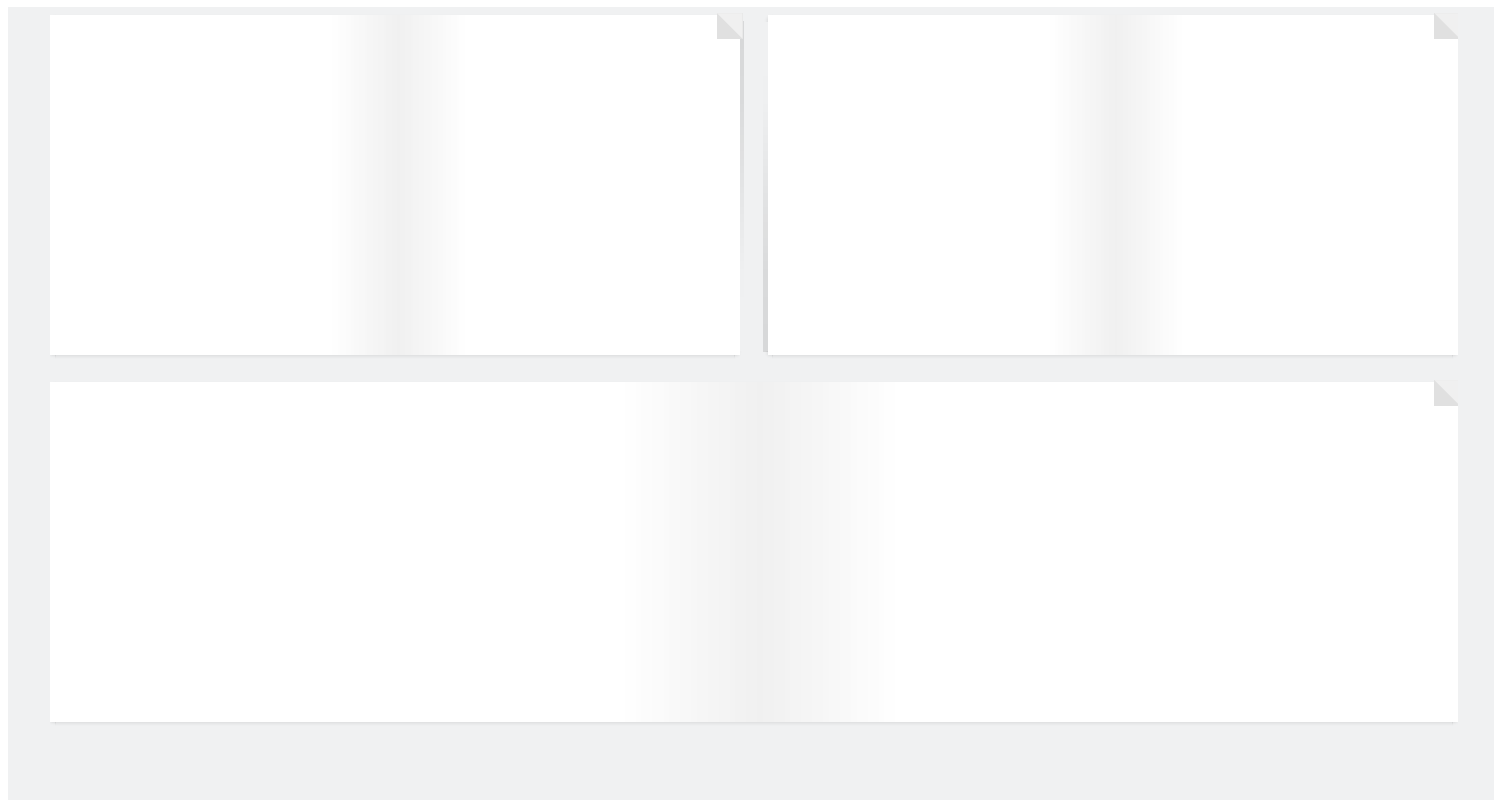
66 97   Save

Resveratrol, a natural phytoalexin, normalizes hyperglycemia in streptozotocin-nicotinamide induced experimental diabetic rats.

P. Palsamy   S. Subramanian   Medicine · Biomedicine & pharmacotherapy = Biomedecine... · 2008

66 255   1 Excerpt   Save

← | 1 | 2 | 3 | 4 | 5 | →

Related Papers

Stay Connected With Semantic Scholar

Your E-mail Address   Sign Up

What Is Semantic Scholar?

Semantic Scholar is a free, AI-powered research tool for scientific literature, based at the Allen Institute for AI.

Learn More

About

About Us
Meet the Team
Publishers
Blog
AI2 Careers

Product

Product Overview
Semantic Reader
Scholar's Hub
Beta Program
Release Notes

API

API Overview
API Tutorials
API Documentation
API Gallery

Research

Publications
Researchers
Research Careers
Prototypes
Resources

Help

FAQ
Librarians
Tutorials
Contact

Proudly built by AI2
Collaborators & Attributions • Terms of Service • Privacy Policy • API License Agreement

AI2 Allen Institute for AI