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Research Topic

Acai

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Our technology pulls from the equivalent of 20,454+ years of scientific experimental labor and pulls results based on variables the user decides are relevant.

Below you will find compelling research hard-referenced to peer-reviewed biomedical research sourced from the US National Library of Medicine. For more research on over 6000 validated topics, please visit http://GreenMedInfo.com/research-dashboard

Overview of Terms

Associated with Your Search Topic

17 Relevant Results for Diseases

Disease/Symptom	Cumulative Knowledge	Article Count
Oxidative Stress	15	5
Cholesterol: LDL/HDL ratio	10	1
Metabolic Syndrome X	10	1
Overweight	10	1
Gastrointestinal Inflammation	5	1
Inflammation	5	3
Aging	4	2
Brain: Oxidative Stress	4	2
Lipid Peroxidation	3	2
Atherosclerosis	2	1
Cognitive Decline/Dysfunction	2	1
High Fat Diet	2	1
Liver Failure: Acute	2	1
Seizures	2	1
Colon Cancer	1	1
Colon Cancer: Prevention	1	1
Leukemia	1	1

13 Relevant Results for Pharmacological Actions

Pharmacological Action Name	Cumulative Knowledge	Article Count
Anti-Inflammatory Agents	12	5
Antioxidants	11	7
Hypoglycemic Agents	10	1

NF-kappaB Inhibitor	8	3
Tumor Necrosis Factor (TNF) Alpha Inhibitor	7	2
Neuroprotective Agents	6	3
Anticonvulsants	2	1
Hepatoprotective	2	1
Antineoplastic Agents	1	1
Antiproliferative	1	1
Apoptotic	1	1
Chemopreventive	1	1
Vascular Endothelial Growth Factor A Inhibitor	1	1

9 Relevant Results for Substances

Substance Name	Cumulative Knowledge	Article Count
Polyphenols	3	2
Bilberry	2	1
Black Currant	2	1
Lingonberry	2	1
Acerola	1	1
Camu Camu	1	1
Fruit: All	1	1
Grape Seed Extract	1	1
Vitamin E: alpha tocopherol	1	1

6 Relevant Results for Keywords

Keyword Name	Cumulative Knowledge	Article Count
Antioxidant	10	1
Dose Response	5	1

Gene Expression Regulation	2	1
Mitochondrial Biogenesis	2	1
Natural Substance Synergy	2	2
Plant Extracts	2	2

View the Evidence.
16 Research Articles in Total.

Category : Diseases

Aging (AC 2) (CK 4)

"A botanical containing freeze dried açai pulp promotes healthy aging and reduces oxidative damage in sod1 knockdown flies."

Pubmed Data : Age (Dordr). 2012 May 26. Epub 2012 May 26. PMID: 22639178

Article Published Date : May 26, 2012

Authors : Mara Laslo, Xiaoping Sun, Cheng-Te Hsiao, Wells W Wu, Rong-Fong Shen, Sige Zou

Study Type : Insect Study
Additional Links
Substances : Acai : CK(45) : AC(16)
Diseases : Aging : CK(1633) : AC(434)
Additional Keywords : Mitochondrial Biogenesis : CK(28) : AC(14)

Acai palm fruit pulp improves the survival of flies on a high fat diet.

Pubmed Data : Exp Gerontol. 2010 Jan 18. Epub 2010 Jan 18. PMID: 20080168

Article Published Date : Jan 18, 2010

Authors : Xiaoping Sun, Jeanne Seeberger, Thomas Alberico, Chunxu Wang, Charles T Wheeler, Alexander G Schauss, Sige Zou

Study Type : Animal Study
Additional Links

Substances : Acai : CK(42) : AC(14)
Diseases : Aging : CK(1633) : AC(434), Oxidative Stress : CK(3836) : AC(1369)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)

Atherosclerosis (AC 1) (CK 2)

Açaí juice attenuates atherosclerosis in ApoE deficient mice through antioxidant and anti-inflammatory activities.

Pubmed Data : Atherosclerosis. 2011 Jun;216(2):327-33. Epub 2011 Feb 24. PMID: 21411096

Article Published Date : Jun 01, 2011

Authors : Chenghui Xie, Jie Kang, Ramona Burris, Matthew E Ferguson, Alexander G Schauss, Shanmugam Nagarajan, Xianli Wu

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Atherosclerosis : CK(581) : AC(148)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), Antioxidants : CK(7261) : AC(2659), NF-kappaB Inhibitor : CK(1113) : AC(693)

Brain: Oxidative Stress (AC 2) (CK 4)

E. oleracea significantly protects against seizures and seizure-related oxidative stress.

Pubmed Data : Neurochem Int. 2015 Nov ;90:20-7. Epub 2015 Jul 2. PMID: 26142570

Article Published Date : Oct 31, 2015

Authors : José Rogerio Souza-Monteiro, Moisés Hamoy, Danielle Santana-Coelho, Gabriela P F Arrifano, Ricardo S O Paraense, Allan Costa-Malaquias, Jackson R Mendonça, Rafael F da Silva, Wallena S C Monteiro, Hervé Rogez, Diogo L de Oliveira, José Luiz M do Nascimento, Maria Elena Crespo-López

Study Type : Animal Study

Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Lipid Peroxidation : CK(693) : AC(253) , Seizures : CK(190) : AC(55)
Pharmacological Actions : Anticonvulsants : CK(237) : AC(66) , Antioxidants : CK(7275) : AC(2666) , Neuroprotective Agents : CK(2254) : AC(1063)

Subchronic treatment with acai frozen pulp prevents the brain oxidative damage in rats with acute liver failure.

Pubmed Data : Metab Brain Dis. 2016 Jul 14. Epub 2016 Jul 14. PMID: 27418003

Article Published Date : Jul 13, 2016

Authors : Fernanda de Souza Machado, Jonnsin Kuo, Mariane Farias Wohlenberg, Marina da Rocha Frusciante, Márcia Freitas, Alice S Oliveira, Rodrigo B Andrade, Clovis M D Wannmacher, Caroline Dani, Claudia Funchal

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Liver Failure: Acute : CK(8) : AC(2)
Pharmacological Actions : Antioxidants : CK(7301) : AC(2675) , Neuroprotective Agents : CK(2255) : AC(1064)

Cholesterol: LDL/HDL ratio (AC 1) (CK 10)

Consumption of açai fruit pulp reduced levels of selected markers of metabolic disease risk in overweight adults.

Pubmed Data : Nutr J. 2011;10:45. Epub 2011 May 12. PMID: 21569436

Article Published Date : Jan 01, 2011

Authors : Jay K Udani, Betsy B Singh, Vijay J Singh, Marilyn L Barrett

Study Type : Human Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Cholesterol: LDL/HDL ratio : CK(484) : AC(61) , Metabolic Syndrome X : CK(916) : AC(158) , Overweight : CK(3320) : AC(544)
Pharmacological Actions : Hypoglycemic Agents : CK(1394) : AC(342)

Cognitive Decline/Dysfunction (AC 1) (CK 2)

Dietary supplementation with the polyphenol-rich açaí pulps improves cognition in aged rats and attenuates inflammatory signalling.

Pubmed Data : Nutr Neurosci. 2015 Nov 30. Epub 2015 Nov 30. PMID: 26618555

Article Published Date : Nov 29, 2015

Authors : Amanda N Carey, Marshall G Miller, Derek R Fisher, Donna F Bielinski, Casey K Gilman, Shibu M Poulose, Barbara Shukitt-Hale

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Cognitive Decline/Dysfunction : CK(1140) : AC(213) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Neuroprotective Agents : CK(2254) : AC(1063), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Colon Cancer (AC 1) (CK 1)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

Article Published Date : Dec 31, 2013

Authors : Manoela Maciel dos Santos Dias, Giuliana Noratto, Hercia Stampini Duarte Martino, Shirley Arbizu, Maria do Carmo Gouveia Peluzio, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)

Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)
Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Colon Cancer: Prevention (AC 1) (CK 1)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

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Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Gastrointestinal Inflammation (AC 1) (CK 5)

These results indicate the potential for açai polyphenolics

in the prevention of intestinal inflammation.

Pubmed Data : Food Funct. 2015 Oct 7 ;6(10):3249-56. PMID: **26243669**

Article Published Date : Oct 06, 2015

Authors : Manoela Maciel Dos Santos Dias, Hércia Stampini Duarte Martino, Giuliana Noratto, Andrea Roque-Andrade, Paulo César Stringheta, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : Human In Vitro
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Gastrointestinal Inflammation : CK(116) : AC(39)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)
Additional Keywords : Dose Response : CK(1039) : AC(403)

High Fat Diet (AC 1) (CK 2)

Consumption of lingonberries, and also blackcurrants and bilberries, modulates the liver response to hight fat diet.

Pubmed Data : J Nutr Biochem. 2015 Sep 2. Epub 2015 Sep 2. PMID: **26423886**

Article Published Date : Sep 01, 2015

Authors : Lovisa Heyman-Lindén, Yoshinori Seki, Petter Storm, Helena A Jones, Maureen J Charron, Karin Berger, Cecilia Holm

Study Type : Animal Study, In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Bilberry : CK(108) : AC(26) , Black Currant : CK(146) : AC(25) , Lingonberry : CK(1) : AC(1)
Diseases : High Fat Diet : CK(184) : AC(89) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Hepatoprotective : CK(1372) : AC(588)
Additional Keywords : Gene Expression Regulation : CK(425) : AC(211)

Inflammation (AC 3) (CK 5)

Acai has significant antioxidant activity and has potential anti-inflammatory activity.

Pubmed Data : J Agric Food Chem. 2006 Nov 1;54(22):8604-10. PMID: **17061840**

Article Published Date : Nov 01, 2006

Authors : Alexander G Schauss, Xianli Wu, Ronald L Prior, Boxin Ou, Dejian Huang, John Owens, Amit Agarwal, Gitte S Jensen, Aaron N Hart, Edward Shanbrom

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Inflammation : CK(2914) : AC(854) , Oxidative Stress : CK(3836) : AC(1369)

Consumption of lingonberries, and also blackcurrants and bilberries, modulates the liver response to hight fat diet.

Pubmed Data : J Nutr Biochem. 2015 Sep 2. Epub 2015 Sep 2. PMID: **26423886**

Article Published Date : Sep 01, 2015

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Study Type : Animal Study, In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Bilberry : CK(108) : AC(26) , Black Currant : CK(146) : AC(25) , Lingonberry : CK(1) : AC(1)
Diseases : High Fat Diet : CK(184) : AC(89) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Hepatoprotective : CK(1372) : AC(588)
Additional Keywords : Gene Expression Regulation : CK(425) : AC(211)

Dietary supplementation with the polyphenol-rich açaí pulps improves cognition in aged rats and attenuates inflammatory signalling.

Pubmed Data : Nutr Neurosci. 2015 Nov 30. Epub 2015 Nov 30. PMID: **26618555**

Article Published Date : Nov 29, 2015

Authors : Amanda N Carey, Marshall G Miller, Derek R Fisher, Donna F Bielinski, Casey K Gilman, Shibu M Poulose, Barbara Shukitt-Hale

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Cognitive Decline/Dysfunction : CK(1140) : AC(213) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Neuroprotective Agents : CK(2254) : AC(1063), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

Leukemia (AC 1) (CK 1)

Acai polyphenolics have antiproliferation activity in human leukemia cells via induction of apoptosis.

Pubmed Data : J Agric Food Chem. 2006 Feb 22;54(4):1222-9. PMID: 16478240

Article Published Date : Feb 22, 2006

Authors : David Del Pozo-Insfran, Susan S Percival, Stephen T Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Leukemia : CK(965) : AC(385)
Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639)

Lipid Peroxidation (AC 2) (CK 3)

Acai seed and grape rachis extracts has a synergy in combination with alpha-tocopherol.

Pubmed Data : Food Chem. 2016 Dec 15 ;213:440-9. Epub 2016 Jun 30. PMID: 27451202

Article Published Date : Dec 14, 2016

Authors : Priscilla Siqueira Melo, Leandro de Oliveira Rodrigues Arrivetti, Severino Matias de Alencar, Leif H Skibsted

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Grape Seed Extract : CK(278) : AC(81) , Vitamin E: alpha tocopherol : CK(1810) : AC(315)
Diseases : Lipid Peroxidation : CK(695) : AC(255) , Oxidative Stress : CK(3846) : AC(1373)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)
Additional Keywords : Natural Substance Synergy : CK(535) : AC(245) , Plant Extracts : CK(7438) : AC(2449)

E. oleracea significantly protects against seizures and

seizure-related oxidative stress.

Pubmed Data : Neurochem Int. 2015 Nov ;90:20-7. Epub 2015 Jul 2. PMID: **26142570**

Article Published Date : Oct 31, 2015

Authors : José Rogerio Souza-Monteiro, Moisés Hamoy, Danielle Santana-Coelho, Gabriela P F Arrifano, Ricardo S O Paraense, Allan Costa-Malaquias, Jackson R Mendonça, Rafael F da Silva, Wallena S C Monteiro, Hervé Rogez, Diogo L de Oliveira, José Luiz M do Nascimento, Maria Elena Crespo-López

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Lipid Peroxidation : CK(693) : AC(253) , Seizures : CK(190) : AC(55)
Pharmacological Actions : Anticonvulsants : CK(237) : AC(66) , Antioxidants : CK(7275) : AC(2666) , Neuroprotective Agents : CK(2254) : AC(1063)

Liver Failure: Acute (AC 1) (CK 2)

Subchronic treatment with acai frozen pulp prevents the brain oxidative damage in rats with acute liver failure.

Pubmed Data : Metab Brain Dis. 2016 Jul 14. Epub 2016 Jul 14. PMID: **27418003**

Article Published Date : Jul 13, 2016

Authors : Fernanda de Souza Machado, Jonnsin Kuo, Mariane Farias Wohlenberg, Marina da Rocha Frusciante, Márcia Freitas, Alice S Oliveira, Rodrigo B Andrade, Clovis M D Wannmacher, Caroline Dani, Claudia Funchal

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Liver Failure: Acute : CK(8) : AC(2)
Pharmacological Actions : Antioxidants : CK(7301) : AC(2675) , Neuroprotective Agents : CK(2255) : AC(1064)

Metabolic Syndrome X (AC 1) (CK 10)

Consumption of açai fruit pulp reduced levels of selected markers of metabolic disease risk in overweight adults.

Pubmed Data : Nutr J. 2011;10:45. Epub 2011 May 12. PMID: 21569436

Article Published Date : Jan 01, 2011

Authors : Jay K Udani, Betsy B Singh, Vijay J Singh, Marilyn L Barrett

Study Type : Human Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Cholesterol: LDL/HDL ratio : CK(484) : AC(61) , Metabolic Syndrome X : CK(916) : AC(158) , Overweight : CK(3320) : AC(544)
Pharmacological Actions : Hypoglycemic Agents : CK(1394) : AC(342)

Overweight (AC 1) (CK 10)

Consumption of açai fruit pulp reduced levels of selected markers of metabolic disease risk in overweight adults.

Pubmed Data : Nutr J. 2011;10:45. Epub 2011 May 12. PMID: 21569436

Article Published Date : Jan 01, 2011

Authors : Jay K Udani, Betsy B Singh, Vijay J Singh, Marilyn L Barrett

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Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Cholesterol: LDL/HDL ratio : CK(484) : AC(61) , Metabolic Syndrome X : CK(916) : AC(158) , Overweight : CK(3320) : AC(544)
Pharmacological Actions : Hypoglycemic Agents : CK(1394) : AC(342)

Oxidative Stress (AC 5) (CK 15)

Acai has significant antioxidant activity and has potential anti-inflammatory activity.

Pubmed Data : J Agric Food Chem. 2006 Nov 1;54(22):8604-10. PMID: **17061840**

Article Published Date : Nov 01, 2006

Authors : Alexander G Schauss, Xianli Wu, Ronald L Prior, Boxin Ou, Dejian Huang, John Owens, Amit Agarwal, Gitte S Jensen, Aaron N Hart, Edward Shanbrom

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Inflammation : CK(2914) : AC(854) , Oxidative Stress : CK(3836) : AC(1369)

Acai palm fruit pulp improves the survival of flies on a high fat diet.

Pubmed Data : Exp Gerontol. 2010 Jan 18. Epub 2010 Jan 18. PMID: **20080168**

Article Published Date : Jan 18, 2010

Authors : Xiaoping Sun, Jeanne Seeberger, Thomas Alberico, Chunxu Wang, Charles T Wheeler, Alexander G Schauss, Sige Zou

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Aging : CK(1633) : AC(434) , Oxidative Stress : CK(3836) : AC(1369)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)

Acai pulp significantly increases antioxidant status of human blood plasma.

Pubmed Data : Br J Nutr. 2011 Mar 24:1-10. Epub 2011 Mar 24. PMID: **18693743**

Article Published Date : Mar 24, 2011

Authors : Susanne U Mertens-Talcott, Jolian Rios, Petra Jilma-Stohlawetz, Lisbeth A Pacheco-Palencia, Bernd Meibohm, Stephen T Talcott, Hartmut Derendorf

Study Type : Human Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Oxidative Stress : CK(3846) : AC(1373)
Additional Keywords : Antioxidant : CK(12) : AC(2)

Acai seed and grape rachis extracts has a synergy in combination with alpha-tocopherol.

Pubmed Data : Food Chem. 2016 Dec 15 ;213:440-9. Epub 2016 Jun 30. PMID: **27451202**

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Authors : Priscilla Siqueira Melo, Leandro de Oliveira Rodrigues Arrivetti, Severino Matias de Alencar, Leif H Skibsted

Study Type : In Vitro Study

Additional Links
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Diseases : Lipid Peroxidation : CK(695) : AC(255) , Oxidative Stress : CK(3846) : AC(1373)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)
Additional Keywords : Natural Substance Synergy : CK(535) : AC(245) , Plant Extracts : CK(7438) : AC(2449)

Phenolic compounds found in acai berry have significant antioxidant activity.

Pubmed Data : J Agric Food Chem. 2008 Jun 25;56(12):4631-6. Epub 2008 Jun 4. PMID: 18522407

Article Published Date : Jun 25, 2008

Authors : Lisbeth A Pacheco-Palencia, Susanne Mertens-Talcott, Stephen T Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Oxidative Stress : CK(3836) : AC(1369)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)

Seizures (AC 1) (CK 2)

E. oleracea significantly protects against seizures and seizure-related oxidative stress.

Pubmed Data : Neurochem Int. 2015 Nov ;90:20-7. Epub 2015 Jul 2. PMID: 26142570

Article Published Date : Oct 31, 2015

Authors : José Rogerio Souza-Monteiro, Moisés Hamoy, Danielle Santana-Coelho, Gabriela P F Arrifano, Ricardo S O Paraense, Allan Costa-Malaquias, Jackson R Mendonça, Rafael F da Silva, Wallena S C Monteiro, Hervé Rogez, Diogo L de Oliveira, José Luiz M do Nascimento, Maria Elena Crespo-López

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Lipid Peroxidation : CK(693) : AC(253) , Seizures : CK(190) : AC(55)
Pharmacological Actions : Anticonvulsants : CK(237) : AC(66) , Antioxidants : CK(7275) : AC(2666) , Neuroprotective Agents : CK(2254) : AC(1063)

Category : Pharmacological Actions

Anti-Inflammatory Agents (AC 5) (CK 12)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

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Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)
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Article Published Date : Jun 01, 2011

Authors : Chenghui Xie, Jie Kang, Ramona Burris, Matthew E Ferguson, Alexander G Schauss, Shanmugam Nagarajan, Xianli Wu

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Atherosclerosis : CK(581) : AC(148)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Antioxidants :

CK(7261) : AC(2659), NF-kappaB Inhibitor : CK(1113) : AC(693)

Consumption of lingonberries, and also blackcurrants and bilberries, modulates the liver response to hight fat diet.

Pubmed Data : J Nutr Biochem. 2015 Sep 2. Epub 2015 Sep 2. PMID: **26423886**

Article Published Date : Sep 01, 2015

Authors : Lovisa Heyman-Lindén, Yoshinori Seki, Petter Storm, Helena A Jones, Maureen J Charron, Karin Berger, Cecilia Holm

Study Type : Animal Study, In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Bilberry : CK(108) : AC(26) , Black Currant : CK(146) : AC(25) , Lingonberry : CK(1) : AC(1)
Diseases : High Fat Diet : CK(184) : AC(89) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Hepatoprotective : CK(1372) : AC(588)
Additional Keywords : Gene Expression Regulation : CK(425) : AC(211)

Dietary supplementation with the polyphenol-rich açaí pulps improves cognition in aged rats and attenuates inflammatory signalling.

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Article Published Date : Nov 29, 2015

Authors : Amanda N Carey, Marshall G Miller, Derek R Fisher, Donna F Bielinski, Casey K Gilman, Shibu M Poulose, Barbara Shukitt-Hale

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Cognitive Decline/Dysfunction : CK(1140) : AC(213) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Neuroprotective Agents : CK(2254) : AC(1063), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

These results indicate the potential for açai polyphenolics in the prevention of intestinal inflammation.

Pubmed Data : Food Funct. 2015 Oct 7 ;6(10):3249-56. PMID: **26243669**

Article Published Date : Oct 06, 2015

Authors : Manoela Maciel Dos Santos Dias, Hércia Stampini Duarte Martino, Giuliana Noratto, Andrea Roque-Andrade, Paulo César Stringheta, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : Human In Vitro
Additional Links

Substances : Acai : CK(42) : AC(14)
Diseases : Gastrointestinal Inflammation : CK(116) : AC(39)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)
Additional Keywords : Dose Response : CK(1039) : AC(403)

Anticonvulsants (AC 1) (CK 2)

E. oleracea significantly protects against seizures and seizure-related oxidative stress.

Pubmed Data : Neurochem Int. 2015 Nov ;90:20-7. Epub 2015 Jul 2. PMID: 26142570

Article Published Date : Oct 31, 2015

Authors : José Rogerio Souza-Monteiro, Moisés Hamoy, Danielle Santana-Coelho, Gabriela P F Arrifano, Ricardo S O Paraense, Allan Costa-Malaquias, Jackson R Mendonça, Rafael F da Silva, Wallena S C Monteiro, Hervé Rogez, Diogo L de Oliveira, José Luiz M do Nascimento, Maria Elena Crespo-López

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44), Lipid Peroxidation : CK(693) : AC(253), Seizures : CK(190) : AC(55)
Pharmacological Actions : Anticonvulsants : CK(237) : AC(66), Antioxidants : CK(7275) : AC(2666), Neuroprotective Agents : CK(2254) : AC(1063)

Antineoplastic Agents (AC 1) (CK 1)

Acai polyphenolics have antiproliferation activity in human leukemia cells via induction of apoptosis.

Pubmed Data : J Agric Food Chem. 2006 Feb 22;54(4):1222-9. PMID: 16478240

Article Published Date : Feb 22, 2006

Authors : David Del Pozo-Insfran, Susan S Percival, Stephen T Talcott

Study Type : In Vitro Study

Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Leukemia : CK(965) : AC(385)
Pharmacological Actions : Antineoplastic Agents : CK(1158) : AC(639)

Antioxidants (AC 7) (CK 11)

Acai palm fruit pulp improves the survival of flies on a high fat diet.

Pubmed Data : Exp Gerontol. 2010 Jan 18. Epub 2010 Jan 18. PMID: 20080168

Article Published Date : Jan 18, 2010

Authors : Xiaoping Sun, Jeanne Seeberger, Thomas Alberico, Chunxu Wang, Charles T Wheeler, Alexander G Schauss, Sige Zou

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Aging : CK(1633) : AC(434) , Oxidative Stress : CK(3836) : AC(1369)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)

Acai seed and grape rachis extracts has a synergy in combination with alpha-tocopherol.

Pubmed Data : Food Chem. 2016 Dec 15 ;213:440-9. Epub 2016 Jun 30. PMID: 27451202

Article Published Date : Dec 14, 2016

Authors : Priscilla Siqueira Melo, Leandro de Oliveira Rodrigues Arrivetti, Severino Matias de Alencar, Leif H Skibsted

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Grape Seed Extract : CK(278) : AC(81) , Vitamin E: alpha tocopherol : CK(1810) : AC(315)
Diseases : Lipid Peroxidation : CK(695) : AC(255) , Oxidative Stress : CK(3846) : AC(1373)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)
Additional Keywords : Natural Substance Synergy : CK(535) : AC(245) , Plant Extracts : CK(7438) : AC(2449)

Açaí juice attenuates atherosclerosis in ApoE deficient mice through antioxidant and anti-inflammatory

activities.

Pubmed Data : Atherosclerosis. 2011 Jun;216(2):327-33. Epub 2011 Feb 24. PMID: **21411096**

Article Published Date : Jun 01, 2011

Authors : Chenghui Xie, Jie Kang, Ramona Burris, Matthew E Ferguson, Alexander G Schauss, Shanmugam Nagarajan, Xianli Wu

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Atherosclerosis : CK(581) : AC(148)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613), Antioxidants : CK(7261) : AC(2659), NF-kappaB Inhibitor : CK(1113) : AC(693)

E. oleracea significantly protects against seizures and seizure-related oxidative stress.

Pubmed Data : Neurochem Int. 2015 Nov ;90:20-7. Epub 2015 Jul 2. PMID: **26142570**

Article Published Date : Oct 31, 2015

Authors : José Rogerio Souza-Monteiro, Moisés Hamoy, Danielle Santana-Coelho, Gabriela P F Arrifano, Ricardo S O Paraense, Allan Costa-Malaquias, Jackson R Mendonça, Rafael F da Silva, Wallena S C Monteiro, Hervé Rogez, Diogo L de Oliveira, José Luiz M do Nascimento, Maria Elena Crespo-López

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44), Lipid Peroxidation : CK(693) : AC(253), Seizures : CK(190) : AC(55)
Pharmacological Actions : Anticonvulsants : CK(237) : AC(66), Antioxidants : CK(7275) : AC(2666), Neuroprotective Agents : CK(2254) : AC(1063)

Phenolic compounds found in acai berry have significant antioxidant activity.

Pubmed Data : J Agric Food Chem. 2008 Jun 25;56(12):4631-6. Epub 2008 Jun 4. PMID: **18522407**

Article Published Date : Jun 25, 2008

Authors : Lisbeth A Pacheco-Palencia, Susanne Mertens-Talcott, Stephen T Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Oxidative Stress : CK(3836) : AC(1369)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)

Subchronic treatment with acai frozen pulp prevents the

brain oxidative damage in rats with acute liver failure.

Pubmed Data : Metab Brain Dis. 2016 Jul 14. Epub 2016 Jul 14. PMID: 27418003

Article Published Date : Jul 13, 2016

Authors : Fernanda de Souza Machado, Jonnsin Kuo, Mariane Farias Wohlenberg, Marina da Rocha Frusciante, Márcia Freitas, Alice S Oliveira, Rodrigo B Andrade, Clovis M D Wannmacher, Caroline Dani, Claudia Funchal

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Liver Failure: Acute : CK(8) : AC(2)
Pharmacological Actions : Antioxidants : CK(7301) : AC(2675) , Neuroprotective Agents : CK(2255) : AC(1064)

Synergistic, additive and antagonistic effects of fruit mixtures on total antioxidant capacities and bioactive compounds in tropical fruit juices.

Pubmed Data : Arch Latinoam Nutr. 2015 Jun ;65(2):119-27. PMID: 26817384

Article Published Date : May 31, 2015

Authors : Ana Carolina da Silva Pereira, Nedio Jair Wurlitzer, Ana Paula Dionisio, Marcia Valéria Lacerda Soares, Maria do Socorro Rocha Bastos, Ricardo Elesbão Alves, Isabella Montenegro Brasil

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Acerola : CK(10) : AC(7) , Camu Camu : CK(10) : AC(1), Fruit: All : CK(3727) : AC(793)
Pharmacological Actions : Antioxidants : CK(7275) : AC(2666)
Additional Keywords : Natural Substance Synergy : CK(535) : AC(245)

Antiproliferative (AC 1) (CK 1)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

Article Published Date : Dec 31, 2013

Authors : Manoela Maciel dos Santos Dias, Giuliana Noratto, Hercia Stampini Duarte Martino, Shirley Arbizu, Maria do Carmo Gouveia Peluzio, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)
Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Apoptotic (AC 1) (CK 1)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: **25329001**

Article Published Date : Dec 31, 2013

Authors : Manoela Maciel dos Santos Dias, Giuliana Noratto, Hercia Stampini Duarte Martino, Shirley Arbizu, Maria do Carmo Gouveia Peluzio, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)
Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Chemopreventive (AC 1) (CK 1)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

Article Published Date : Dec 31, 2013

Authors : Manoela Maciel dos Santos Dias, Giuliana Noratto, Hercia Stampini Duarte Martino, Shirley Arbizu, Maria do Carmo Gouveia Peluzio, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)
Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Hepatoprotective (AC 1) (CK 2)

Consumption of lingonberries, and also blackcurrants and bilberries, modulates the liver response to hight fat diet.

Pubmed Data : J Nutr Biochem. 2015 Sep 2. Epub 2015 Sep 2. PMID: 26423886

Article Published Date : Sep 01, 2015

Authors : Lovisa Heyman-Lindén, Yoshinori Seki, Petter Storm, Helena A Jones, Maureen J Charron, Karin Berger, Cecilia Holm

Study Type : Animal Study, In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Bilberry : CK(108) : AC(26) , Black Currant : CK(146) : AC(25) , Lingonberry : CK(1) : AC(1)
Diseases : High Fat Diet : CK(184) : AC(89) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Hepatoprotective : CK(1372) : AC(588)
Additional Keywords : Gene Expression Regulation : CK(425) : AC(211)

Hypoglycemic Agents (AC 1) (CK 10)

Consumption of açai fruit pulp reduced levels of selected markers of metabolic disease risk in overweight adults.

Pubmed Data : Nutr J. 2011;10:45. Epub 2011 May 12. PMID: 21569436

Article Published Date : Jan 01, 2011

Authors : Jay K Udani, Betsy B Singh, Vijay J Singh, Marilyn L Barrett

Study Type : Human Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Cholesterol: LDL/HDL ratio : CK(484) : AC(61) , Metabolic Syndrome X : CK(916) : AC(158) , Overweight : CK(3320) : AC(544)
Pharmacological Actions : Hypoglycemic Agents : CK(1394) : AC(342)

NF-kappaB Inhibitor (AC 3) (CK 8)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

Article Published Date : Dec 31, 2013

Authors : Manoela Maciel dos Santos Dias, Giuliana Noratto, Hercia Stampini Duarte Martino, Shirley Arbizu, Maria do Carmo Gouveia Peluzio, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : In Vitro Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)
Additional Keywords : Plant Extracts : CK(7438) : AC(2449)

Açaí juice attenuates atherosclerosis in ApoE deficient mice through antioxidant and anti-inflammatory activities.

Pubmed Data : Atherosclerosis. 2011 Jun;216(2):327-33. Epub 2011 Feb 24. PMID: **21411096**

Article Published Date : Jun 01, 2011

Authors : Chenghui Xie, Jie Kang, Ramona Burris, Matthew E Ferguson, Alexander G Schauss, Shanmugam Nagarajan, Xianli Wu

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Atherosclerosis : CK(581) : AC(148)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Antioxidants : CK(7261) : AC(2659), NF-kappaB Inhibitor : CK(1113) : AC(693)

These results indicate the potential for açai polyphenolics in the prevention of intestinal inflammation.

Pubmed Data : Food Funct. 2015 Oct 7 ;6(10):3249-56. PMID: **26243669**

Article Published Date : Oct 06, 2015

Authors : Manoela Maciel Dos Santos Dias, Hércia Stampini Duarte Martino, Giuliana Noratto, Andrea Roque-Andrade, Paulo César Stringheta, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : Human In Vitro
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Gastrointestinal Inflammation : CK(116) : AC(39)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)
Additional Keywords : Dose Response : CK(1039) : AC(403)

Neuroprotective Agents (AC 3) (CK 6)

Dietary supplementation with the polyphenol-rich açaí pulps improves cognition in aged rats and attenuates inflammatory signalling.

Pubmed Data : Nutr Neurosci. 2015 Nov 30. Epub 2015 Nov 30. PMID: **26618555**

Article Published Date : Nov 29, 2015

Authors : Amanda N Carey, Marshall G Miller, Derek R Fisher, Donna F Bielinski, Casey K Gilman, Shibu M Poulose, Barbara Shukitt-Hale

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Cognitive Decline/Dysfunction : CK(1140) : AC(213) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Neuroprotective Agents : CK(2254) : AC(1063), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

E. oleracea significantly protects against seizures and seizure-related oxidative stress.

Pubmed Data : Neurochem Int. 2015 Nov ;90:20-7. Epub 2015 Jul 2. PMID: **26142570**

Article Published Date : Oct 31, 2015

Authors : José Rogerio Souza-Monteiro, Moisés Hamoy, Danielle Santana-Coelho, Gabriela P F Arrifano, Ricardo S O Paraense, Allan Costa-Malaquias, Jackson R Mendonça, Rafael F da Silva, Wallena S C Monteiro, Hervé Rogez, Diogo L de Oliveira, José Luiz M do Nascimento, Maria Elena Crespo-López

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Lipid Peroxidation : CK(693) : AC(253) , Seizures : CK(190) : AC(55)
Pharmacological Actions : Anticonvulsants : CK(237) : AC(66) , Antioxidants : CK(7275) : AC(2666) , Neuroprotective Agents : CK(2254) : AC(1063)

Subchronic treatment with acai frozen pulp prevents the brain oxidative damage in rats with acute liver failure.

Pubmed Data : Metab Brain Dis. 2016 Jul 14. Epub 2016 Jul 14. PMID: **27418003**

Article Published Date : Jul 13, 2016

Authors : Fernanda de Souza Machado, Jonnsin Kuo, Mariane Farias Wohlenberg, Marina da Rocha Frusciante, Márcia Freitas, Alice S Oliveira, Rodrigo B Andrade, Clovis M D Wannmacher, Caroline Dani, Claudia Funchal

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Brain: Oxidative Stress : CK(75) : AC(44) , Liver Failure: Acute : CK(8) : AC(2)
Pharmacological Actions : Antioxidants : CK(7301) : AC(2675) , Neuroprotective Agents : CK(2255) : AC(1064)

Tumor Necrosis Factor (TNF) Alpha Inhibitor (AC 2) (CK 7)

Dietary supplementation with the polyphenol-rich açaí pulps improves cognition in aged rats and attenuates inflammatory signalling.

Pubmed Data : Nutr Neurosci. 2015 Nov 30. Epub 2015 Nov 30. PMID: 26618555

Article Published Date : Nov 29, 2015

Authors : Amanda N Carey, Marshall G Miller, Derek R Fisher, Donna F Bielinski, Casey K Gilman, Shibu M Poulose, Barbara Shukitt-Hale

Study Type : Animal Study
Additional Links
Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)
Diseases : Cognitive Decline/Dysfunction : CK(1140) : AC(213) , Inflammation : CK(2900) : AC(850)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , Neuroprotective Agents : CK(2254) : AC(1063), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)

These results indicate the potential for açai polyphenolics in the prevention of intestinal inflammation.

Pubmed Data : Food Funct. 2015 Oct 7 ;6(10):3249-56. PMID: 26243669

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Authors : Manoela Maciel Dos Santos Dias, Hércia Stampini Duarte Martino, Giuliana Noratto, Andrea Roque-Andrade, Paulo César Stringheta, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : Human In Vitro
Additional Links
Substances : Acai : CK(42) : AC(14)
Diseases : Gastrointestinal Inflammation : CK(116) : AC(39)
Pharmacological Actions : Anti-Inflammatory Agents : CK(4615) : AC(1613) , NF-kappaB Inhibitor : CK(1113) : AC(693), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1763) : AC(647)
Additional Keywords : Dose Response : CK(1039) : AC(403)

Vascular Endothelial Growth Factor A

Inhibitor (AC 1) (CK 1)

An açai polyphenolic extract had antiinflammatory and cytotoxic activities in colon cancer cells and can be effective as natural colon cancer chemopreventive agent.

Pubmed Data : Nutr Cancer. 2014 ;66(8):1394-405. Epub 2014 Oct 20. PMID: 25329001

Article Published Date : Dec 31, 2013

Authors : Manoela Maciel dos Santos Dias, Giuliana Noratto, Hercia Stampini Duarte Martino, Shirley Arbizu, Maria do Carmo Gouveia Peluzio, Stephen Talcott, Afonso Mota Ramos, Susanne U Mertens-Talcott

Study Type : In Vitro Study

Additional Links

Substances : Acai : CK(42) : AC(14) , Polyphenols : CK(930) : AC(334)

Diseases : Colon Cancer : CK(746) : AC(428) , Colon Cancer: Prevention : CK(176) : AC(56)

Pharmacological Actions : Anti-Inflammatory Agents : CK(4578) : AC(1604) , Antiproliferative : CK(2471) : AC(1680), Apoptotic : CK(2952) : AC(2071) , Chemopreventive : CK(2829) : AC(783) , NF-kappaB Inhibitor : CK(1113) : AC(693), Vascular Endothelial Growth Factor A Inhibitor : CK(132) : AC(71)

Additional Keywords : Plant Extracts : CK(7438) : AC(2449)