

Mohammad Reza Vafa, Professor of Nutritional Sciences

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Degrees: *B.Sc. (1991) in Nutritional Sciences (Sh. Beheshti Uni Med Sci & Hlth Serv, Tehran)*
M.S.P.H. (1994) in Nutritional Sciences (Tehran University of Medical Sciences, Tehran),
Ph.D. (2003) in Nutritional Sciences (Sh. Beheshti Uni Med Sci & Hlth Serv, Tehran)

Employment history: *Lecturer, Faculty of , Rafsanjan University of Medical Sciences (1993-2003)*

- *Assist. Prof., Faculty of Medicine, Rafsanjan University of Medical Sciences (2003-2006)*
- *Deputy of Director General, Nutrition Department, Ministry of Health (2006-2007)*
- *Assist. Prof., School of Public Health, Iran University of Medical Sciences (2006-2009)*
- *Associate.Prof., School of Public Health, Iran University of Medical Sciences (2009-to 2014)*
- *Professor., School of Public Health, Iran University of Medical Sciences (2014-to date)*
- *Dean, School of Public Health.Iran University of Medical Sciences,Tehan, Iran, (2009- to 2010)*
- *President of Iranian Nutrition Society.(2009-to 2011)*
- *Member of Endocrine & Metabolisem Research Center, Iran University of Medical Sciences, 2009-to date)*
- *Head, Dept. of Nutrition, School of Public Health, Iran University of Medical Sciences (2013-to date)*
- *Deputy for Research, School of Public Health, Iran University of Medical Sciences (2013-to date)*

International Scientific Visits: *Harvard School of Public Health, Boston, USA. Visiting Scholar, 2001-2002*

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Thesis:

Ph.D.: Study of long-term effects of marginal vitamin A deficiency during gestation and two generations on growth and metabolic indices in rat.

M.Sc.: Effects of Iron supplementation on mental concentration and short-term memory of school-aged children.

Research Experience:

Awards & Grants

Scientific Memberships Iranian Nutrition Society

Books

Book Chapters

Mohammadpour-Ahranjani B, Rashidi A, Karandish M, Vafa MR: *Magnitude and Possible Contributors of Childhood Obesity in Iran: Implications for Actions*. Global dimensions of Childhood Obesity, First edited by Flamenbaum RK, 01/2007: pages 99-126; Nova Science Publishers.

Journal Publications

Leila Sadat Bahrami, Seyed Hashem Sezavar Seyedi Jandaghi, Leila Janani, Mina Pahlavan, Seyed Mostafa Arabi, Homa Sadeghi, Mohammadreza Vafa: *Vitamin D supplementation and serum heat shock protein 60 levels in patients with coronary heart disease: A randomized clinical trial*. Nutrition & Metabolism 12/2018; 15(1)., DOI:10.1186/s12986-018-0292-9

Nazanin Asghari Hanjani, Mohammadreza Vafa: *Protein Restriction, Epigenetic Diet, Intermittent Fasting as New Approaches for Preventing Age-associated Diseases*. International journal of preventive medicine 06/2018; 9(1):58., DOI:10.4103/ijpvm.IJPVM_397_16

Mohammadreza Vafa, Behnaz Abiri: *Dietary omega-3 polyunsaturated fatty acids and treatment of cancer*. DOI:10.15406/aowmc.2018.08.00243

Nazanin Asghari Hanjani, Negar Zamaninour, Narjes Najibi, Agha Fatemeh Hosseini, Tayebeh Rastegar, Mohammad Reza Vafa: *The role of time of food intake on upcoming liver disease in male Wistar rat*. Biological Rhythm Research 06/2018;, DOI:10.1080/09291016.2018.1478635

L S Bahrami, Sajadi Hezaveh, Tanha K, Vafa M: *The Relationship between Exclusive Breastfeeding and Mental Concentration in First and Second Grade Primary School Children of Mashhad*.

Peivasteh Safarpour, Mohammad Reza Vafa, Fatemehsadat Amiri, Leila Janani, Mitra Noorbakhsh, Ensieh Rajabpour Nikoo, Homa Sadeghi: *A double blind randomized clinical trial to investigate the effect of vitamin D supplementation on metabolic and hepato-renal markers in type 2 diabetes and obesity*. Medical journal of the Islamic Republic of Iran 04/2018; 32:34-34., DOI:10.14196/mjiri.32.34

Sepideh Soltani, Nazanin Moslehi, Firoozeh Hosseini-Esfahani, Mohammadreza Vafa: *The Association Between Empirical Dietary Inflammatory Pattern and Metabolic Phenotypes in Overweight/Obese Adults*. International Journal of Endocrinology and Metabolism 03/2018; In Press(In Press)., DOI:10.5812/ijem.60048

Somayeh Athari Nik Azm, Abolghassem Djazayeri, Majid Safa, Kian Azami, Behzad Ahmadvand, Fatemeh Sabbaghziarani, Mohammad Sharifzadeh, Mohammadreza Vafa: *Lactobacillus and*

Bifidobacterium Ameliorate Memory and Learning Deficits and oxidative stress in A β (1-42) Injected Rats. Applied Physiology Nutrition and Metabolism 02/2018; 43(7)., DOI:10.1139/apnm-2017-0648

Ali Gholami, Farhad Moradpour, Maryam Khazae-Pool, Zahra Moosavi Jahromi, Mohammad Reza Vafa, Abbas Abbasi Gharemanlo, Masoudreza Sohrabi, Nader Mahdavi, Yousef Moradi, Hamid Reza Baradaran: *Is household food insecurity a determinant of weight status in patients with type 2 diabetes in rural areas?*. Medical journal of the Islamic Republic of Iran 12/2017; 31(1):908-914., DOI:10.14196/mjiri.31.138

Sepideh Soltani, Mohammadreza Vafa: *The dairy fat paradox: Whole dairy products may be healthier than we thought*. Medical journal of the Islamic Republic of Iran 12/2017; 31(1):740-742., DOI:10.14196/mjiri.31.110

Somayeh Athari Nik Azm, Abolghassem Djazayeri, Majid Safa, Kian Azami, Mahmoud Djalali, Mohammad Sharifzadeh, Mohammadreza Vafa: *Probiotics improve insulin resistance status in an experimental model of Alzheimer's disease*. Medical journal of the Islamic Republic of Iran 12/2017; 31(1):699-704., DOI:10.14196/mjiri.31.103

Behnaz Abiri, Mohammadreza Vafa: *Nutrition and sarcopenia: A review of the evidence of nutritional influences*. Critical Reviews in Food Science and Nutrition 12/2017;, DOI:10.1080/10408398.2017.1412940

Farnaz Farsi, Javad Heshmati, Leila Janani, Pardis Irandoost, Naeimeh Mesri Alamdari, Abbasali Keshtkar, Abolfazl Akbari, Mohammadreza Vafa: *Can coenzyme Q10 supplementation effectively reduce human tumour necrosis factor- α and interleukin-6 levels in chronic diseases? Protocol for a systematic review and meta-analysis of randomised controlled trials*. BMJ Open 10/2017; 7(10):e016841., DOI:10.1136/bmjopen-2017-016841

Seyed Mohammad Tabatabaee, Seyed Moayed Alavian, Leila Ghalichi, Seyed Mohammad Miryounesi, Kazem Mousavizadeh, Shima Jazayeri, Mohammad Reza Vafa: *Green Tea in Non-Alcoholic Fatty Liver Disease; A Double Blind Randomized Clinical Trial*. Hepatitis Monthly 09/2017; In Press(In Press)., DOI:10.5812/hepatmon.14993

Sepideh Soltani, Roya Kolahdouz Mohammadi, Sakineh Shab-Bidar, Mohammadreza Vafa, Amin Salehi-Abargouei: *Sodium status and the metabolic syndrome: A systematic review and meta-analysis of observational studies*. Critical reviews in food science and nutrition 08/2017;, DOI:10.1080/10408398.2017.1363710

F. Jalali-Chimeh, T. Darooneh, G. Ozgoly, M. Nasiri, M. Vafa: *The relationship between serum level of Vitamin D and depression severity with sexual function in a sample of Iranian women in the year 2017*. Journal of Isfahan Medical School 07/2017; 35(430):558-564.

Hastimansooreh Ansar, Negar Zamaninour, Abolghassem Djazayeri, Hamideh Pishva, Mohammadreza Vafa, Ramin Mazaheri Nezhad Fard, Aydin Dilmaghanian, Khadijeh Mirzaei, Farzad Shidfar: *Weight Changes and Metabolic Outcomes in Calorie-Restricted Obese Mice Fed High-Fat Diets Containing Corn or Flaxseed Oil: Physiological Role of Sugar Replacement with Polyphenol-Rich Grape*. Journal of the American College of Nutrition 06/2017; 36(43):1-12., DOI:10.1080/07315724.2017.1318315

Mohammad Reza Vafa: *Vitamin D and Sarcopenia*. DOI:10.15406/aowmc.2017.06.00155

- Mohammad Reza Vafa, Behnaz Abiri, Sepideh Haghifar, Asma Malkami, Fatemeh Esmaeili, Aida Arefazar, Zohreh Amiri: *The Association of Food Intake and Physical Activity with Body Composition, Muscle Strength and Muscle Function in Postmenopausal Women*. 02/2017; 4(1):11-16., DOI:10.18869/acadpub.nfsr.4.1.11
- Camellia Akhgarjand ; Msc, Kurosh Djafarian, Hamid Rezvani, Eznollah Azargashb, Mohammadreza: *Comparing serum levels of Zinc, Copper, certain antioxidant vitamins and dietary intake in Acute Lymphoblastic Leukemia (ALL) Patients before and after chemotherapy*. Am J Blood Res, 2018, 8 (3), In Press.
- Somayeh Athari Nik Azm, Mohammadreza Vafa, Mohammad Sharifzadeh, Majid Safa, Anis Barati, Abbas Mirshafiey: *Effects of M2000 (D -Mannuronic Acid) on Learning, Memory Retrieval, and Associated Determinants in a Rat Model of Alzheimer's Disease*. American Journal of Alzheimer s Disease and Other Dementias 12/2016; 32(1):153331751667808., DOI:10.1177/1533317516678086
- Fatemeh Azizi-Soleiman, Mohammadreza Vafa, Behnaz Abiri, Morteza Safavi: *Effects of Iron on Vitamin D Metabolism: A Systematic Review*. International journal of preventive medicine 12/2016; 7(1):126., DOI:10.4103/2008-7802.195212
- N. Zamaninour, H. Ansar, A. Djazayery, H. Pishva, F. Shidfar, R. Mazaheri Nezhad Fard, A. Dilmagbanian, L. Janani, K. Mirzaei, S. Bashiri, M. Vafa: *BLACK GRAPES CAN CHANGE THE PHYSIOLOGY OF ADIPOSE TISSUE IN HIGH-FAT DIETS CONTAINING FLAXSEED OIL OR CORN OIL IN C57BL/6J MICE*. Current Topics in Nutraceutical Research 11/2016; 14(4):265-272.
- Elaheh Honarkar Shafie, SeyedAli Keshavarz, MohammadEsmail Kefayati, Fatemeh Taheri, Parvin Sarbakhsh, MohammadReza Vafa: *The Effects of Nanoparticles Containing Iron on Blood and Inflammatory Markers in Comparison to Ferrous Sulfate in Anemic Rats*. International journal of preventive medicine 10/2016; 7(1):117., DOI:10.4103/2008-7802.193092
- Shahryar Eghtesadi, Mohammad Mohammadi, Mohammadreza Vafa, Iraj Heidari, Masoud Salehi, Haghghian Hossein Khadem, Fatemehsadat Amiri, Rooya Alipour, Maryam Eghtesadi: *Effects of hesperidin supplementation on glycemic control, lipid profile and inflammatory factors in patients with type 2 diabetes: a randomized, double-blind and placebo-controlled clinical trial*. 10/2016;, DOI:10.1530/endoabs.43.OC16
- Mohammadreza Vafa, Javad Heshmati, Homa Sadeghi, Farzad Shidfar, Nazli Namazi, Hamidreza Baradaran, Behzad Heydarpour: *GW27-e0070 Is exclusive breastfeeding and its duration related to cardio respiratory fitness in childhood?*. Journal of the American College of Cardiology 10/2016; 68(16):C74., DOI:10.1016/j.jacc.2016.07.275
- Ensiyeh Seyedrezazadeh, Amin Sabri, Abolfazl Barzegari, Saeed Kolahian, Ami-Ali Shahbazfar, Khalil Ansarin, Mohammadreza Vafa, Ebrahim Sakhinia: *Dietary Flavonoids and Citrus fruits influence Cytokines and Thyroid transcription factor-1 in a HDM-induced chronic asthma murine model*. Journal of Functional Foods 10/2016; 26:709-718., DOI:10.1016/j.jff.2016.08.033
- Behnaz Abiri, Mohammad Reza Vafa, Mohsen Dehghani, Nazanin Moslehi, Javad Sarrafzadeh: *Effect of Vitamin D Supplement Consumption on Muscle Strength, Muscle Function and Body Composition in Vitamin D-deficient Middle-aged Women: A Randomized Clinical Trial*. 07/2016; 3(3):17-24., DOI:10.18869/acadpub.nfsr.3.3.17

- Mohammadreza Vafa, Sepideh Soltani, Farid Zayeri, Mahtab Niroomand, Azadeh Najarzadeh: *The relationship between sodium intake and some bone minerals and osteoporosis risk assessment instrument in postmenopausal women*. Medical journal of the Islamic Republic of Iran 04/2016; 30(1).
- Mohammad Reza Vafa: *Calorie Restriction, Longevity and Cognitive Function*. 02/2016; 3(1)., DOI:10.18869/acadpub.nfsr.3.1.1
- Mohammadreza Vafa, Salma Mahmoodianfard: *Long-Term Effects of Maternal Nutrition and Childhood Growth on Later Health*. DOI:10.4172/2325-9795.1000230
- Atefeh Tahavorgar, Mohammadreza Vafa, Farzad Shidfar, Mahmoodreza Gohari, Iraj Heydari: *Whey protein preloads are more beneficial than soy protein preloads in regulating appetite, calorie intake, anthropometry, and body composition of overweight and obese men (vol 34, pg 856, 2014)*. Nutrition Research 11/2015; 35(11):1028-1029., DOI:10.1016/j.nutres.2015.09.008
- Mohammad Reza Vafa, Salma Mahmoodianfard: *Long Term Effects of Maternal Nutrition and Childhood Growth on Later Health*. DOI:10.15406/aowmc.2015.03.00058
- Hadis Sabour, Abbas Norouzi Javidan, Sahar Latifi, Hania Shakeri, Farid Arman, Bagher Larijani, Farzad Shidfar, Ramin Heshmat, Seyed-Hassan Emami Razavi, Mohammad Reza Vafa: *Does Consumption of Omega-3 Polyunsaturated Fatty Acids Affect Lipid Profile and Fasting Blood Glucose in Patients With Traumatic Spinal Cord Injury? A Double-Blinded Randomized Clinical Trial*. Topics in clinical nutrition 10/2015; 30(4):333-343., DOI:10.1097/TIN.0000000000000051
- Mona Mohseni, Mohammadreza Vafa, Mitra Zarrati, Farzad Shidfar, Seyed Javad Hajimiresmail, Abbas Rahimi Forushani: *Beneficial Effects of Coenzyme Q10 Supplementation on Lipid Profile and Intereukin-6 and Intercellular Adhesion Molecule-1 Reduction, Preliminary Results of a Double-blind Trial in Acute Myocardial Infarction*. International journal of preventive medicine 09/2015; 6(1):73., DOI:10.4103/2008-7802.162461
- Atefeh Tahavorgar, Mohammadreza Vafa, Farzad Shidfar, Mahmoodreza Gohari, Iraj Heydari: *Beneficial Effects of Whey Protein Preloads on some Cardiovascular Diseases Risk Factors of Overweight and Obese Men are Stronger than Soy Protein Preloads – A Randomized Clinical Trial*. 09/2015; 2(3)., DOI:10.1016/j.jnim.2015.08.002
- Sahar Keshtkar Aghababae, Mohammadreza Vafa, Farzad Shidfar, Atefeh Tahavorgar, Mahmoodreza Gohari, Davod Katebi, Vida Mohammadi: *Effects of blackberry (Morus nigra L.) consumption on serum concentration of lipoproteins, apo A-I, apo B, and high-sensitivity-C-reactive protein and blood pressure in dyslipidemic patients*. Journal of research in medical sciences 07/2015; 20(7):685-691., DOI:10.4103/1735-1995.166227
- Farzad Shidfar, Samira Amani, Mohammadreza Vafa, Ramin Shekarriz, Sharieh Hosseini, Shahrzad Shidfar, Mohammadreza Eshraghian, Seyedeh, Neda Mousavi: *Effects of Iron Supplementation With and Without Docosahexaenoic Acid on the Cardiovascular Disease Risk Based on Paraoxonase-1, hs-CRP, and ApoB/ApoA-I Ratio in Women with Iron Deficiency Anemia*. Biological Trace Element Research 06/2015; 169(1)., DOI:10.1007/s12011-015-0383-7
- Mahdieh Hosseinzadeh, Mohammadreza Vafa, Ahmad Esmailzadeh, Awat Feizi, Reza Majdzadeh, Hamidreza Afshar, Ammar Hassanzadeh Keshteli, Peyman Adibi: *Empirically derived dietary patterns*

in relation to psychological disorders. Public Health Nutrition 06/2015; -1(2):1-14.,
DOI:10.1017/S136898001500172X

Mohammadreza Vafa, Neda Haghighat, Nazanin Moslehi, Shahriar Eghtesadi, Iraj Heydari: *Effect of Tocotrienols enriched canola oil on glycemic control and oxidative status in patients with type 2 diabetes mellitus: A randomized double-blind placebo-controlled clinical trial.* Journal of research in medical sciences 06/2015; 20(6):540-547., DOI:10.4103/1735-1995.165945

Mohammad Reza Vafa: *The Impact of Infancy Antibiotic Intake on Childhood Obesity; Review of Studies.* 03/2015; 2(2)., DOI:10.15406/aowmc.2015.02.00014

Fatemehsadat Amiri, Mohammadreza Vafa, Linda Gonder-Frederick: *Glycemic Control, Self-Efficacy and Fear of Hypoglycemia Among Iranian Children with Type 1 Diabetes.* 03/2015; 39(4)., DOI:10.1016/j.jcjd.2014.12.011

Salma Mahmoodianfard, Mohammadreza Vafa, Fatemeh Golgiri, Mohsen Khoshniat, Mahmoodreza Gohari, Zahra Solati, Mahmood Djalali: *Effects of Zinc and Selenium Supplementation on Thyroid Function in Overweight and Obese Hypothyroid Female Patients: A Randomized Double-Blind Controlled Trial.* Journal of the American College of Nutrition 03/2015; 34(5):1-9., DOI:10.1080/07315724.2014.926161

Ensiyeh Seyedrezazadeh, Saeed Kolahian, Amir- Ali Shahbazfar, Khalil Ansarin, Pour Moghaddam M, Masoud Sakhinia, Ebrahim Sakhinia, Mohammadreza Vafa: *Effects of the Flavanone combination Hesperetin-Naringenin, and Orange and Grapefruit Juices, on Airway inflammation and Remodeling in a murine asthma model.* Phytotherapy Research 01/2015; 10.1002/ptr.5292(4)., DOI:10.1002/ptr.5292

Mohammadreza Vafa, Javad Heshmati, Farzad Shidfar, Hamidreza Baradaran, Behzad Heidarpour: *GW25-e2435 The relationship between breastfeeding and cardiovascular fitness in 7 to 8 years old children.* Journal of the American College of Cardiology 10/2014; 64(16):C109., DOI:10.1016/j.jacc.2014.06.506

Mona Mohseni, Mohamad Reza Vafa, Seyed Javad Hajimiresmail, Mitra Zarrati, Abbas Rahimi Forushani, Vida Bitarafan, Farzad Shidfar: *Effects of Coenzyme Q10 Supplementation on Serum Lipoproteins, Plasma Fibrinogen, and Blood Pressure in Patients With Hyperlipidemia and Myocardial Infarction.* 10/2014; 16(10):e16433., DOI:10.5812/ircmj.16433

Atefeh Tahavorgar, Mohammadreza Vafa, Farzad Shidfar, Mahmoodreza Gohari, Iraj Heydari: *Whey protein preloads are more beneficial than soy protein preloads in regulating appetite, calorie intake, anthropometry, and body composition of overweight and obese men.* Nutrition Research 09/2014; 34(10)., DOI:10.1016/j.nutres.2014.08.015

Abbas Norouzi Javidan, Hadis Sabour, Sahar Latifi, Mohammadreza Vafa, Farzad Shidfar, Zahra Khazaeipour, Fatemeh Shahbazi, Abbas Rahimi, Seyed-Hassan Emami Razavi: *Calcium and vitamin D plasma concentration and nutritional intake status in patients with chronic spinal cord injury: A referral center report.* Journal of research in medical sciences 09/2014; 19(9):881-4.

Hadis Sabour, Norouzi Javidan, Sahar Latifi, Reza Hadian, Seyed-Hassan Emami, Farzad Shidfar, Mohammad Reza Vafa, Hamidreza Aghaei Meybodi: *Is Lipid Profile Associated with Bone Mineral Density and Bone Formation in Subjects with Spinal Cord Injury?.* Journal of Osteoporosis 08/2014; 2014(9)., DOI:10.1155/2014/695014

- Hadis Sabour, Abbas Norouzi Javidan, Sahar Latifi, Farzad Shidfar, Ramin Heshmat, Seyed-Hassan Emami Razavi, Mohammad Reza Vafa, Bagher Larijani: *Omega-3 fatty acids' effect on leptin and adiponectin concentrations in patients with spinal cord injury: A double-blinded randomized clinical trial.* The journal of spinal cord medicine 08/2014; 38(5)., DOI:10.1179/2045772314Y.0000000251
- Ensiyeh Seyedrezazadeh, Masoud Pour Moghaddam, Khalil Ansarin, Mohammad Reza Vafa, Sangita Sharma, Fariba Kolahdooz: *Fruit and vegetable intake and risk of wheezing and asthma: A systematic review and meta-analysis.* Nutrition Reviews 06/2014; 72(7)., DOI:10.1111/nure.12121
- Hadis Sabour, Abbas Norouzi Javidan, Sahar Latifi, Farzad Shidfar, Mohammad Reza Vafa, Seyed-Hassan Emami Razavi, Bagher Larijani, Ramin Heshmat: *Relationship between leptin and adiponectin concentrations in plasma and femoral and spinal bone mineral density in spinal cord-injured individuals.* The spine journal: official journal of the North American Spine Society 06/2014; 15(1)., DOI:10.1016/j.spinee.2014.06.009
- Neda Haghghat, Mohammadreza Vafa, Shahryar Eghtesadi, Iraj Heidari, Aghafatemeh Hosseini, Ali Rostami: *The Effect of Tocotrienols Added to Canola Oil on Microalbuminuria, Inflammation and Nitrosative Stress in Patients With Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled Trial.* International journal of preventive medicine 05/2014; 5(5):617-23., DOI:10.1016/j.jacc.2013.08.648
- Abbas Norouzi Javidan, Hadis Sabour, Sahar Latifi, Farzad Shidfar, Mohammad Reza Vafa, Ramin Heshmat, Hasan Emami Razavi, Bagher Larijani, Hamidreza Aghaei Meybodi: *Evaluation of bone mineral loss in patients with chronic traumatic spinal cord injury in Iran.* The journal of spinal cord medicine 01/2014; 37(6)., DOI:10.1179/2045772313Y.0000000192
- Sanaz Tavasoli, Amir Hassan Zarnani, Mohammadreza Vafa, Maziar Moradi-Lakeh, Hamidreza Pazoki-Toroudi, Shahryar Eghtesadi: *The Effect of Pomegranate Extract on Survival and Peritoneal Bacterial Load in Cecal Ligation and Perforation Model of Sepsis in Rats.* International journal of preventive medicine 01/2014; 5(1):104-109.
- Ateke Mousavi, Mohammadreza Vafa, Tirang Neyestani, Mohammadebrahim Khamseh, Fatemeh Hoseini: *The effects of green tea consumption on metabolic and anthropometric indices in patients with Type 2 diabetes.* Journal of research in medical sciences 12/2013; 18(12):1080-6.
- Farzad Shidfar, Mona Mohseni, Mohammadreza Vafa, Seyedjavad Hajimiresmail, Abbas Rahimi: *PM308 Effects Of Coq10 Supplementation On Serum Lipoprotein, Il-6, Icam-1 And Plasma Fibrinogen In Hyperlipidemic Patients With Myocard Infarctionqaaa.* Journal of the American College of Cardiology 10/2013; 62(18)., DOI:10.1016/j.jacc.2013.08.520
- Hadis Sabour, Abbas Norouzi Javidan, Sahar Latifi, Bagher Larijani, Farzad Shidfar, Mohammad Reza Vafa, Ramin Heshmat, Hassan Emami Razavi: *Bone biomarkers in patients with chronic traumatic spinal cord injury.* The spine journal: official journal of the North American Spine Society 10/2013; 14(7)., DOI:10.1016/j.spinee.2013.07.475
- Fatemehsadat Amiri, Amir-Hassan Zarnani, Hamid Zand, Fariba Koohdani, Mahmood Jeddi-Tehrani, Mohammadreza Vafa: *Synergistic anti-proliferative effect of resveratrol and etoposide on human hepatocellular and colon cancer cell lines.* European journal of pharmacology 09/2013; 718(1-3)., DOI:10.1016/j.ejphar.2013.09.020

- Fatemeh Azizi-Soleiman, Shima Jazayeri, Shahryar Eghtesadi, Asadollah Rajab, Iraj Heidari, Mohammad R Vafa, Mahmood R Gohari: *Effects of Pure Eicosapentaenoic and Docosahexaenoic Acids on Oxidative Stress, Inflammation and Body Fat Mass in Patients with Type 2 Diabetes*. International journal of preventive medicine 08/2013; 4(8):922-8.
- Hadis Sabour, Abbas Norouzi Javidan, Neda Ranjbarnovin, Mohammad Reza Vafa, PhD, MSPH, Zahra Khazaeipour, Firoozeh Ghaderi, Fatemeh Khanzadeh Mehrabani, Farzad Shidfar: *Cardiometabolic risk factors in Iranians with spinal cord injury: Analysis by injury-related variables*. The Journal of Rehabilitation Research and Development 08/2013; 50(5):635-42., DOI:10.1682/JRRD.2012.01.0020
- A Salehpour, F Shidfar, F Hosseinpanah, M Vafa, M Razaghi, F Amiri: *Does vitamin D3 supplementation improve glucose homeostasis in overweight or obese women? A double-blind, randomized, placebo-controlled clinical trial*. Diabetic Medicine 07/2013; 30(12)., DOI:10.1111/dme.12273
- Nazanin Moslehi, Mohammadreza Vafa, Javad Sarrafzadeh, Abbas Rahimi-Foroushani: *Does Magnesium Supplementation Improve Body Composition and Muscle Strength in Middle-Aged Overweight Women? A Double-Blind, Placebo-Controlled, Randomized Clinical Trial*. Biological trace element research 04/2013; 153(1-3)., DOI:10.1007/s12011-013-9672-1
- A Nadjarzadeh, F Shidfar, N Amirjannati, M R Vafa, SA Motevalian, M R Gohari, S. A. Nazeri Kakhki, M M Akhondi, M R Sadeghi: *Effect of Coenzyme Q10 supplementation on antioxidant enzymes activity and oxidative stress of seminal plasma: A double-blind randomised clinical trial*. Andrologia 01/2013; 46(2)., DOI:10.1111/and.12062
- Saeedi Pouya, Mohd Taib Mohd Nasir, Abu Saad Hazizi, Mohammad Reza Vafa, Abbas Rahimi Foroushani: *Nutritional supplement use among fitness club participants in Tehran, Iran*. Appetite 09/2012; 60(1)., DOI:10.1016/j.appet.2012.09.011
- Mohammadreza Vafa, Nazanin Moslehi, Shirin Afshari, Aghafatemeh Hossini, Mohammadreza Eshraghian: *Relationship between Breastfeeding and Obesity in Childhood*. Journal of Health Population and Nutrition 09/2012; 30(3):303-10., DOI:10.3329/jhpn.v30i3.12293
- Mohammadreza Vafa, Farhad Mohammadi, Farzad Shidfar, Mohammadhossein Salehi Sormaghi, Iraj Heidari, Banafshe Golestan, Fatemehsadat Amiri: *Effects of Cinnamon Consumption on Glycemic Status, Lipid Profile and Body Composition in Type 2 Diabetic Patients*. International journal of preventive medicine 08/2012; 3(8):531-6.
- Atoosa Saidpour, Masoud Kimiagar, Saleh Zahediasl, Asghar Ghasemi, Mohamadreza Vafa, Alireza Abadi, Maryamsadat Daneshpour, Maryam Zarkesh: *The modifying effects of fish oil on fasting ghrelin mRNA expression in weaned rats*. Gene 07/2012; 507(1):44-9., DOI:10.1016/j.gene.2012.07.015
- F. Mahmoodpoor, S.J. Gaemmagami, A. Ostadrahimi, M.R. Vafa: *Growth Status of First Secondary Students of Tabriz city Based on WHO 2007 and CDC 2000 Standards*. 07/2012; 1(3):151-158., DOI:10.18869/acadpub.aums.1.3.151
- Nazanin Moslehi, Mohammadreza Vafa, Abbas Rahimi-Foroushani, Banafsheh Golestan: *Effects of oral magnesium supplementation on inflammatory markers in middle-aged overweight women*. Journal of research in medical sciences 07/2012; 17(7):607-614.
- Hadis Sabour, Bagher Larijani, Mohammad Reza Vafa, Mohammad Reza Hadian, Ramin Heshmat, Hamidreza Aghaei Meybodi, Hasan Emami Razavi, Abbas Norouzia Javidan, Farzad Shidfar: *The*

effects of n-3 fatty acids on inflammatory cytokines in osteoporotic spinal cord injured patients: A randomized clinical trial. Journal of research in medical sciences 04/2012; 17(4):322-7.

Amin Salehpour, Farzad Shidfar, Farhad Hosseinpanah, Mohammadreza Vafa, Maryam Razaghi, Anahita Hoshiarrad, Mahmoodreza Gohari: *Vitamin D3 and the risk of CVD in overweight and obese women: A randomised controlled trial.* The British journal of nutrition 02/2012; 108(10):1-8., DOI:10.1017/S0007114512000098

Hadis Sabour, Abbas Noroozi Javidan, Mohammad Reza Vafa, Farzad Shidfar, Maryam Nazari, Hooshang Saberi, Abbas Rahimi, Hasan Emami Razavi: *Calorie and macronutrients intake in people with spinal cord injuries: An analysis by sex and injury-related variables.* Nutrition 08/2011; 28(2):143-7., DOI:10.1016/j.nut.2011.04.007

Atoosa Saidpour, Saleh Zahediasl, Masoud Kimiagar, Mohamadreza Vafa, Asghar Ghasemi, Alireza Abadi, Maryam Sadat Daneshpour, Maryam Zarkesh: *Fish oil and olive oil can modify insulin resistance and plasma desacyl-ghrelin in rats.* Journal of research in medical sciences 07/2011; 16(7):862-71.

Mohammad Reza Vafa, Elham Haghghatjoo, Farzad Shidfar, Shirin Afshari, Mahmood Reza Gohari, Amir Ziaee: *Effects of Apple Consumption on Lipid Profile of Hyperlipidemic and Overweight Men.* International journal of preventive medicine 04/2011; 2(2):94-100.

Hadis Sabour, Abbas Noroozi Javidan, Mohammad Reza Vafa, Farzad Shidfar, Maryam Nazari, Hooshang Saberi, Abbas Rahimi, Hasan Emami Razavi: *Obesity predictors in people with chronic spinal cord injury: An analysis by injury related variables.* Journal of research in medical sciences 03/2011; 16(3):335-9.

A Nadjarzadeh, M R Sadeghi, N Amirjannati, M R Vafa, SA Motevalian, M R Gohari, MA Akhondi, P Yavari, F Shidfar: *Coenzyme Q10 improves seminal oxidative defense but does not affect on semen parameters in idiopathic oligoasthenozoospermia: a randomized double-blind, placebo Controlled Trial.* Journal of endocrinological investigation 03/2011; 34(8):e224-8., DOI:10.3275/7572

H. Sabour, A. Norouzia Javidan, M.R. Vafa, F. Shidfar, M. Nazari, S. Athari Nik Azm, A. Rahimi, H. Emami Razavi, H. Saberi: *Dietary intake in people with spinal cord injury based on sex, obesity and injury related variable in Brain and Spinal Injury Repair Research Center.* Iranian Journal of Epidemiology 01/2011; 7(1):51-59.

Farzad Shidfar, Neda Froghifar, Mohammadreza Vafa, Asadolah Rajab, Sharieh Hosseini, Shahrzad Shidfar, Mahmoodreza Gohari: *The effects of tomato consumption on serum glucose, apolipoprotein B, apolipoprotein A-I, homocysteine and blood pressure in type 2 diabetic patients.* International Journal of Food Sciences and Nutrition 12/2010; 62(3):289-94., DOI:10.3109/09637486.2010.529072

R. Sherafat-Kazemzadeh, S. Egtesadi, P. Mirmiran, M. Hedayati, M. Gohari, M. Vafa, S. Jalali Farahani, F. Azizi: *Predicting of changes in obesity indices regarding to dietary patterns in longitudinal Tehran lipid and glucose study.* Iranian Journal of Endocrinology and Metabolism 07/2010; 12(2):131-144+197.

Roya Sherafat-Kazemzadeh, Shahryar Egtesadi, Parvin Mirmiran, Mahmoud Gohari, Sara Jalali Farahani, Firoozeh Hosseini Esfahani, Mohammad Reza Vafa, Mehdi Hedayati, Fereidoun Azizi: *Dietary patterns by reduced rank regression predicting changes in obesity indices in a cohort study: Tehran Lipid and Glucose Study.* Asia Pacific Journal of Clinical Nutrition 03/2010; 19(1):22-32.

- Farzad Shidfar, Mahshid Aghasi, Mohammadreza Vafa, Iraj Heydari, Sharieh Hosseini, Shahrzad Shidfar: *Effects of combination of zinc and vitamin A supplementation on serum fasting blood sugar, insulin, apoprotein B and apoprotein A-I in patients with type I diabetes*. International Journal of Food Sciences and Nutrition 03/2010; 61(2):182-91., DOI:10.3109/09637480903334171
- M. Mohammad Shirazi, F.A. Taleban, M. Sabet Kassai, A. Abadi, M.R. Vafa: *Comparison of effects of three diets containing "fish oil", Iranian fat consumption pattern, and standard diet on serum glucose and insulin sensitivity in wistar rat*. Iranian Journal of Epidemiology 01/2010; 6(2):39-47.
- Nourmohammadi I, Athari-Nikazm S, Vafa M.R, Bidari A, Jazayeri S, Hoshyarrad A, Hoseini F, Fasihi-Radmandi M: *Effects of Antioxidant Supplementations on Oxidative Stress in Rheumatoid Arthritis Patients*. Journal of Biological Sciences 01/2010; 10(1)., DOI:10.3923/jbs.2010.63.66
- Vafa M.R, Karandish M, Mosavi S.M, Alizadeh M, Salehi M.H, Maddah M: *Evaluation of Urinary Riboflavin Levels of Primary School Children in Rafsanjan, Iran*. Journal of Biological Sciences 04/2009; 9(4)., DOI:10.3923/jbs.2009.389.391
- Mohsen Maddah, Arash Rashidi, Behnoush Mohammadpour, Reza Vafa, Majid Karandish: *In-school Snacking, Breakfast Consumption, and Sleeping Patterns of Normal and Overweight Iranian High School Girls: A Study in Urban and Rural Areas in Guilan, Iran*. Journal of nutrition education and behavior 02/2009; 41(1):27-31., DOI:10.1016/j.jneb.2008.03.115
- Arash Rashidi* , Behnoush Mohammadpour-Ahranjani, Majid Karandish, Mohammad-Reza Vafa, Majid Hajifaraji, Farzaneh Ansari, Shima Sadeghi, Mohsen Maddah, Nasser Kalantari6 Mohammad-Bagher Akhavi-Rad: *Obese and female adolescents skip breakfast more than their non-obese and male peers*. DOI:10.2478/s11536-007-0043-1
- M Maddah, M Karandish, B Mohammadpour-Ahranjani, T R Neyestani, R Vafa, A Rashidi: *Social factors and pregnancy weight gain in relation to infant birth weight: A study in public health centers in Rasht, Iran*. European Journal of Clinical Nutrition 10/2005; 59(10):1208-12., DOI:10.1038/sj.ejcn.1602239
- A Rashidi, B Mohammadpour-Ahranjani, M R Vafa, M Karandish: *Prevalence of obesity in Iran*. Obesity Reviews 08/2005; 6(3):191-2., DOI:10.1111/j.1467-789X.2005.00174.x
- Karandish M, Mohammadpour-Ahranjani B, Rashidi A, Maddah M, Vafa MR, Neyestani TR: *Inadequate intake of calcium and dairy products among pregnant women in Ahwaz city, Iran*. Malaysian Journal of Nutrition 01/2005; 11(2):111-120.
- Vafa, Taleban FA, Siasi F, Kimiagar M, Mehrabi Y, Arjomand M: *P1210 THE STUDY OF LONG-TERM EFFECTS OF MARGINAL VITAMIN A DEFICIENCY DURING GESTATION AND TWO GENERATIONS ON GROWTH AND METABOLIC INDICES IN RAT*. Journal of Pediatric Gastroenterology and Nutrition 08/2004; 39(2)., DOI:10.1097/00005176-200408000-00047
- Mitchell D Knutson, Mohammad R Vafa, David J Haile, Marianne Wessling-Resnick: *Iron loading and erythrophagocytosis increase ferroportin 1 (FPN1) expression in J774 macrophages*. Blood 01/2004; 102(12):4191-7., DOI:10.1182/blood-2003-04-1250
- MD Knutson, MR Vafa, M Wessling-Resnick: *Effect of iron status on ferroportin (FPN1) mRNA levels in a murine macrophage cell line*. The FASEB Journal 03/2002; 16(4):A22-A22.

Conference Proceedings

Atoosa Saidpour, M. Kimiagar, S. Zahediasl, A. Ghasemi, M. R. Vafa, A. Abadi, M. S. Daneshpour, M. Zarkesh: *mRNA expression*. British Human Genetics Conference; 09/2012

H. Sabour, A. Norouzi, F. Shidfar, M. R. Vafa: *The effects of n-3 fatty acids on inflammatory cytokines in osteoporotic spinal cord injured patients: A randomized clinical trial*. 39th Annual Congress of the European-Calcified-Tissue-Society (ECTS); 05/2012, DOI:10.1016/j.bone.2012.02.489

H. Sabour, A. Norouzi, F. Shidfar, M. R. Vafa: *The effects of n-3 fatty acids on bone markers in osteoporotic spinal cord injured patients*. 39th Annual Congress of the European-Calcified-Tissue-Society (ECTS); 05/2012, DOI:10.1016/j.bone.2012.02.477

F. Shidfaz, M. Aghasi, M. Vafa, I. Heydari: *Effects of Zinc and Vitamin A Supplementation on Serum Fasting Blood Sugar, Insulin, Apoprotein B and Apoprotein A-I in patients with Type I Diabetes*. 2nd International Conference on Fixed Combination in the Treatment of; 11/2009

Technical Reports