1- **Development of screen-printed tryptophan-kynurenine immunosensor for in vitro assay of kynurenine-mediated immunosuppression effect of cancer cells on activated T-cells**

By: Karami, Pari; Majidi, Mir Reza; Johari-Ahar, Mohammad; Barar, Jaleh; Omidi, Yadollah. 
**BIOSENSORS & BIOELECTRONICS** Volume: 92  Pages: 287-293  Published: JUN 15 2017  
**Impact Factor (2016):** 7.78  
**Q:** 1

2- **Helicobacter pylori genotypes determine risk of non-cardia gastric cancer and intestinal or diffuse-type GC in Ardabil: A very high-risk area in Northwestern Iran**

By: Abdi, Esmat; Latifi-Navid, Saeid; Zahri, Saber; Yazdanbod, Abbas; Safaralizadeh, Reza. 
**MICROBIAL PATHOGENESIS** Volume: 107  Pages: 287-292  Published: JUN 2017  
**Impact Factor (2016):** 2.009  
**Q:** 3

3- **What can we get from varying scan rate in protein differential scanning calorimetry?**

By: Amani, Mojiaba; Moosavi-Movahedi, Ali A.; Kurganov, Boris I. 
**INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES** Volume: 99  Pages: 151-159  Published: JUN 2017  
**Impact Factor (2016):** 3.671  
**Q:** 2

4- **Age differences in diabetes-related complications and glycemic control**

By: Shamshirgaran, S. M.; Mamaghanian, A.; Aliasgarzadeh, A.; Aiminisani, N.; Iranparvar-Alamdari, M.; Ateie, J. 
**BMC ENDOCRINE DISORDERS** Volume: 17  Article Number: 25  Published: MAY 4 2017  
**Impact Factor (2016):** 2.275  
**Q:** 3

5- **Comparison of normal and dusty day impacts on fractional exhaled nitric oxide and lung function in healthy children in Ahvaz, Iran**

By: Neisi, Abdolkazem; Vosoughi, Mehdi; Idani, Esmaeil; Goudarzi, Gholamreza; Takdastan, Afshin; Babaei, Ali Akbar; Ankali, Kambiz Ahmadi; Hazrati, Sadegh; Shoshtari, Maryam Haddadzadeh; Mirr, Iman. 
**ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH** Volume: 24  Issue: 13  Pages: 12360-12371  Published: MAY 2017  
**Impact Factor (2016):** 2.741  
**Q:** 2

6- **An innovative method for analysis of Pb (II) in rice, milk and water samples based on TiO2 reinforced caprylic acid hollow fiber solid/liquid phase microextraction**

By: Bahar, Shahriyar; Es'haghi, Zarrin; Nezhadali, Azizollah; Banaei, Alireza; Bohlooli, Shahab. 
**FOOD CHEMISTRY** Volume: 221  Pages: 1904-1910  Published: APR 15 2017  
**Impact Factor (2016):** 4.529  
**Q:** 1
7- The effects of vitamin D and omega-3 fatty acid co-supplementation on glycemic control and lipid concentrations in patients with gestational diabetes
By: Jamilian, Mehri; Samimi, Mansooreh; Ebrahimi, Faranin Afshar; Hashemi, Teibeh; Taghizadeh, Mohsen; Razavi, Maryamalsadat; et al.
JOURNAL OF CLINICAL LIPIDOLOGY  Volume: 11  Issue: 2  Pages: 459-468  Published: APR 2017
Impact Factor (2016): 5.812  Q:1

8- Synthesis and toxicity assessment of 3-oxobutanamides against human lymphocytes and isolated mitochondria
By: Razzaghi-Asl, Nima; Seydi, Enaytollah; Alikhani, Radin; et al.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY  Volume: 51  Pages: 71-84  Published: APR 2017
Impact Factor (2016): 2.313  Q:3

9- Selective toxicity of persian gulf sea cucumber holothuria parva on human chronic lymphocytic leukemia b lymphocytes by direct mitochondrial targeting
By: Salimi, Ahmad; Motallebi, Abbasali; Ayatollahi, Maryam; et al.
ENVIRONMENTAL TOXICOLOGY  Volume: 32  Issue: 4  Pages: 1158-1169  Published: APR 2017
Impact Factor (2016): 2.937  Q:2

10- Preparation, characterization and in vivo evaluation of a combination delivery system based on hyaluronic acid/jeffamine hydrogel loaded with PHBV/PLGA blend nanoparticles for prolonged delivery of Teriparatide
By: Javan, Nika Bahari; Montazeri, Hamed; Shirmard, Leila Rezaie; et al.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES  Volume: 101  Pages: 167-181  Published: APR 2017
Impact Factor (2016): 3.756  Q:1

11- Neonatal blockade of GABA-A receptors alters behavioral and physiological phenotypes in adult mice
By: Salari, Ali-Akbar; Amani, Mohammad
INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE  Volume: 57  Pages: 62-71  Published: APR 2017
Impact Factor (2016): 2.046  Q:3

12- Effects of aerobic exercise training on ACE and ADRB2 gene expression, plasma angiotensin II level, and flow-mediated dilation: a study on obese postmenopausal women with prehypertension
By: Azadpour, Noushin; Taritibian, Bakhtyar; Kosar, Suekran Nazan
MENOPAUSE-THE JOURNAL OF THE NORTH AMERICAN MENOPAUSE SOCIETY  Volume: 24  Issue: 3  Pages: 269-277  Published: MAR 2017
Impact Factor (2016): 2.733  Q:2

13- Epigenetic Modifications and Therapy in Multiple Sclerosis
By: Aslani, Saeed; Jafari, Naser; Javan, Mohammad Reza; Karami, Jafar; Ahmadi, Majid; Jafarnejad, Mahmoud.
NEUROMOLECULAR MEDICINE  Volume: 19  Issue: 1  Pages: 11-23  Published: MAR 2017
Impact Factor (2016): 3.287  Q:2
14- Pesticides: an update of human exposure and toxicity  
By: Mostafalou, Sara; Abdollahi, Mohammad  
ARCHIVES OF TOXICOLOGY Volume: 91 Issue: 2 Pages: 549-599 Published: FEB 2017  
Impact Factor (2016): 5.901 Q:1

15- Toxicity of lithium on isolated heart mitochondria and cardiomyocyte: A justification for its cardiotoxic adverse effect  
By: Salimi, Ahmad; Gholamifar, Ehsan; Naserzadeh, Parvaneh; et al.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY Volume: 31 Issue: 2 Pages: 717-724 Published: FEB 2017  
Impact Factor (2016): 2.042 Q:3

16- Fe3O4/polyethylene glycol nanocomposite as a solid-phase microextraction fiber coating for the determination of some volatile organic compounds in water  
By: Farjaminezhad, Manoochehr; Tehrani, Mohammad Saber; Azar, Parviz Aberoomand; Bohlooli, Shahab; Hussain, Syed Waqif.  
JOURNAL OF SEPARATION SCIENCE Volume: 40 Issue: 3 Pages: 717-724 Published: FEB 2017  
Impact Factor (2016): 2.557 Q:2

17- Toxicity of Atorvastatin on Pancreas Mitochondria: A Justification for Increased Risk of Diabetes Mellitus  
By: Sadighara, Melina; Amirsheardost, Zahra; Minaiyan, Mohsen; Hajhashemi, Valiollah; Naserzadeh, Parvaneh; Salimi, Ahmad; et al.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY Volume: 120 Issue: 2 Pages: 131-137 Published: FEB 2017  
Impact Factor (2016): 3.176 Q:2

18- Optimization of arsenite removal by adsorption onto organically modified montmorillonite clay: Experimental & theoretical approaches  
By: Bandpei, Anoushiravan Mohseni; Mohseni, Seyed Mohsen; Sheikhmohammadi, Amir; Sardar, Mahdieh; Sarkhosh, Maryam; Almasian, Mohammad; Avazpour, Moayad; Mosallanejad, Zahra; Atafar, Zahra; Nazari, Shahram; et al.  
KOREAN JOURNAL OF CHEMICAL ENGINEERING Volume: 34 Issue: 2 Pages: 376-383 Published: FEB 2017  
Impact Factor (2016): 2.007 Q:2

19- Environment effect on spectral and charge distribution characteristics of some drugs of folate derivatives  
By: Sadigh, M. Khadem; Zakerhamidi, M. S.; Ahmadian, S. M. Seyed; Johari-Ahar, M.; et al.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 171 Pages: 10-17 Published: JAN 15 2017  
Impact Factor (2016): 2.536 Q:2

20- Chrysin as an Anti-Cancer Agent Exerts Selective Toxicity by Directly Inhibiting Mitochondrial Complex II and V in CLL B-lymphocytes  
By: Salimi, Ahmad; Roudkenar, Mehryar Habibi; Seydi, Enayatollah; et al.  
CANCER INVESTIGATION Volume: 35 Issue: 3 Pages: 174-186 Published: 2017
21- **A novel green synthesis of zero valent iron nanoparticles (NZVI) using three plant extracts and their efficient application for removal of Cr(VI) from aqueous solutions**

By: **Fazlzadeh, Mehdi**; Rahmani, Kourosh; Zarei, Ahmad; et al.

**ADVANCED POWDER TECHNOLOGY**  Volume: 28  Issue: 1  Special Issue: SI  Pages: 122-130  Published: JAN 2017

**Impact Factor (2016): 2.659**  Q:2

22- **Intrinsic, adaptive and acquired antimicrobial resistance in Gram-negative bacteria**

By: **Arzanlou, Mohsen**; Chai, Wern Chern; Venter, Henrietta

Edited by: Venter, H

**ANTIMICROBIAL RESISTANCE**  Book Series: Essays in Biochemistry  Volume: 61  Issue: 1  Pages: 49-59  Published: 2017

**Impact Factor (2016): 2.227**  Q:3

23- **Application of Artificial Neural Networks in the Design and Optimization of a Nanoparticulate Fingolimod Delivery System Based on Biodegradable Poly(3-Hydroxybutyrate-Co-3-Hydroxyvalerate)**

By: Shahsavari, Shadab; **Shirmard, Leila Rezaie**; Amini, Mohsen; et al.

**JOURNAL OF PHARMACEUTICAL SCIENCES**  Volume: 106  Issue: 1  Pages: 176-182  Published: JAN 2017

**Impact Factor (2016): 2.713**  Q:2

24- **Effect of culture media on chemical stability and antibacterial activity of allicin**

By: **Rad, Hamed Imani; Arzanlou, Mohsen; Omid, Mahsa Ranjbar; et al.**

**JOURNAL OF FUNCTIONAL FOODS**  Volume: 28  Pages: 321-325  Published: JAN 2017

**Impact Factor (2016): 3.144**  Q:1

25- **The Telomerase Activity of Selenium-Induced Human Umbilical Cord Mesenchymal Stem Cells Is Associated with Different Levels of c-Myc and p53 Expression**

By: **Anvar, Leila Hosseinzadeh; Hosseini-Asl, Saeid; Mohammadzadeh-Vardin, Mohammad; Sagha, Mohsen.**

**DNA AND CELL BIOLOGY**  Volume: 36  Issue: 1  Pages: 34-41  Published: JAN 2017

**Impact Factor (2016): 2.236**  Q:3

26- **Effect of organic co-solvents in the evaluation of the hydroxyl radical scavenging activity by the 2-deoxyribose degradation assay: The paradigmatic case of alpha-lipoic acid**

By: Brizzolari, Andrea; Campisi, Giuseppe M.; Santaniello, Enzo; **Razzaghi-Asl, Nima**; et al.

**BIOPHYSICAL CHEMISTRY**  Volume: 220  Pages: 1-6  Published: JAN 2017

**Impact Factor (2016): 2.402**  Q:2

27- **Potent anti-cancer effects of less polar Curcumin analogues on gastric adenocarcinoma and esophageal squamous cell carcinoma cells**

By: **Alibeiki, Fatemeh; Jafari, Naser; Karimi, Maryam; Dogaheh, Hadi Peeri.**

**SCIENTIFIC REPORTS**  Volume: 7  Article Number: 2559  Published: MAY 31 2017

**Impact Factor (2016): 4.259**  Q:1

28- **In vitro antibacterial activity of poly (amidoamine)-G7 dendrimer**

By: Gholami, Mitra; Mohammadi, Rashin; Arzanlou, Mohsen; et al.
29- Green synthesis of zinc oxide nanoparticles using Peganum harmala seed extract, and loaded on Peganum harmala seed powdered activated carbon as new adsorbent for removal of Cr(VI) from aqueous solution
By: Fazlzadeh, Mehdi; Khosravi, Rasoul; Zarei, Ahmad

30- Early oxygen therapy does not protect the brain from vasogenic edema following acute ischemic stroke in adult male rats
By: Pasban, Elmira; Panahpour, Hamdollah; Vahdati, Akbar

31- Antimicrobial activity of photodynamic therapy in combination with colistin against a pan-drug resistant Acinetobacter baumannii isolated from burn patient
By: Boluki, Ebrahim; Kazemian, Hossein; Peeridogaheh, Hadi; et al.

32- Comparison of photoinactivation of T. rubrum by new methylene blue (NMB) and indocyanine green (EmunDo (R))
By: Fekrazad, Reza; Mir, Arash Poorsattar Bejeh; Aghdam, Mina Kahyaie; Barghi, Vadood Ghasemi.

33- Potentiating role of copper on spatial memory deficit induced by beta amyloid and evaluation of mitochondrial function markers in the hippocampus of rats
By: Behzadfar, Ladan; Abdollahi, Mohammad; Sabzevari, Omid; Hosseini, Rohollah, Salimi, Ahmad, et al.

34- Risk-taking behaviors and subgrouping of suicide in Iran: A latent class analysis of national registries data
By: Hajebi, Ahmad; Abbasi-Ghahramanloo, Abbas; Hashemian, Seyed Sepehr; et al.

35- Outcomes of relocation of basilic vein in brachiobasilic fistulas in chronic renal failure
By: Kakaei, Farzad; Hasankhani, Ahad; Seyyed-Sadeghi, Mir-Salim; et al.
36- Analysis of cytotoxic effects of chlorhexidine gluconate as antiseptic agent on human blood lymphocytes
By: Salimi, Ahmad; Alami, Bahare; Pourahmad, Jalal
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY Volume: 31 Issue: 8 Article Number: e21918 Published: AUG 2017
Impact Factor (2016): 2.042 Q: 3

37- Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure
By: Pasandi, Marzieh Sharifi; Shirazi, Farshad Hosseini; Gholami, Mohammad Reza; Salehi, Hossein; Najafzadeh, Nowruz; Mazani, Mohammad; Hamidabadi, Hataf Ghasemi; Niapour, Ali.
NEUROTOXICITY RESEARCH Volume: 32 Issue: 4 Pages: 624-638 Published: NOV 2017
Impact Factor (2016): 2.942 Q: 2

38- Methylsulfonylmethane is effective against gastric mucosal injury
By: Amirshahrokhi, Keyvan; Khalili, Ali-Reza
EUROPEAN JOURNAL OF PHARMACOLOGY Volume: 811 Pages: 240-248 Published: SEP 15 2017
Impact Factor (2016): 2.896 Q: 2