

Publications of Department of Biochemistry and Molecular Biology
in 2014

22 publications, IF: 175.777

1. Mahdi, M. , Matúz, K., Tóth, F., Tozsér, J.: *A modular system to evaluate the efficacy of protease inhibitors against HIV-2*

PLoS ONE

Volume 9, Issue 11, 24 November 2014, Article number e113221

IF: 3.534 (2013)

(Article)

2. Szondy, Z., Garabuczi, É., Joós, G., Tsay, G.J., Sarang, Z.: *Impaired clearance of apoptotic cells in chronic inflammatory diseases: Therapeutic implications*

Frontiers in Immunology

Volume 5, Issue AUG, 2014, Article number Article 354

IF:

(Short Survey)

3. Yen, J.-H., Yang, D.-J., Chen, M.-C., (...), Szondy, Z., Tsay, G.J.: *Daidzein enhances efferocytosis via transglutaminase 2 and augmentation of Rac1 activity*

Molecular Immunology

Volume 60, Issue 2, August 2014, Pages 135-142

IF: 3.003 (2013)

(Article)

4. Sarang Z, Joós, .G., Garabuczi, E., Rühl, R., Gregory, C.D., Szondy, Z. : *Macrophages engulfing apoptotic cells produce nonclassical retinoids to enhance their phagocytic capacity*

Journal of Immunology

Volume 192, Issue 12, 15 June 2014, Pages 5730-5738

IF: 5.362 (2013)

(Article)

5. Duró, E., Pallai, A., Köröskényi, K., Sarang, Z., Szondy, Z.: *Adenosine A₃ receptors negatively regulate the engulfment-dependent apoptotic cell suppression of inflammation*

Immunology Letters

Volume 162, Issue 2, December 01, 2014, Pages 292-301

IF: 2.367 (2013)

(Article)

6. Sárvári, A.K., Veréb, Z., Uray, I.P., Fésüs, L., Balajthy, Z.: *Atypical antipsychotics induce both proinflammatory and adipogenic gene expression in human adipocytes in vitro*

Biochemical and Biophysical Research Communications

Volume 450, Issue 4, 8 August 2014, Pages 1383-1389

IF: 2.281 (2013)

(Article)

7. Majai, G; Kiss, E; Tarr, T; Zahuczky, G ; Hartman, Z ; Szegedi, G; Fesus, L: *Decreased apopto-phagocytic gene expression in the macrophages of systemic lupus erythematosus patients*

LUPUS

Volume: 23 Issue: 2 Pages: 133-145

IF: 2.481 (2013)

(Article)

8. Daniel, B; Nagy, G; Hah, N; Horvath, A; Czimmerer, Z; Poliska, S; Gyuris, T; Keirsse, J; Gysemans, C; Van Ginderachter, JA; Balint, BL;; Barta, E; Nagy, L: *The active enhancer network operated by liganded RXR supports angiogenic activity in macrophages*

GENES & DEVELOPMENT

Volume: 28 Issue: 14 Pages: 1562-1577

IF: 12.639 (2013)

(Article)

9. Fuxreiter, M; Toth-Petroczy, A ; Kraut, DA; Matouschek, AT; Lim, RYH; Xue, B; Kurgan, L; Uversky, VN: *Disordered Proteinaceous Machines*

CHEMICAL REVIEWS

Volume: 114 Issue: 13 Pages: 6806-6843

IF: 45.661 (2013)

(Review)

10. van der Lee, R ; Buljan, M; Lang, B; Weatheritt, RJ; Daughdrill, GW; Dunker, AK; Fuxreiter, M; Gough, J; Gsponer, J; Jones, DT; Kim, PM; Kriwacki, RW; Oldfield, CJ; Pappu, RV; Tompa, P; Uversky, VN ; Wright, PE; Babu, MM: *Classification of Intrinsically Disordered Regions and Proteins*

CHEMICAL REVIEWS

Volume: 114 Issue: 13 Pages: 6589-6631

IF: 45.661 (2013)

(Review)

11. Fuxreiter, M; Mones, L: *The role of reorganization energy in rational enzyme design*

CURRENT OPINION IN CHEMICAL BIOLOGY

Volume: 21 Pages: 34-41

IF: 7.652 (2013)

(Review)

12. van der Lee, R; Lang, B; Kruse, K; Gsponer, J; de Groot, NS; Huynen, MA; Matouschek, A; Fuxreiter, M; Babu, MM: *Intrinsically Disordered Segments Affect Protein Half-Life in the Cell and during Evolution*

CELL REPORTS

Volume: 8 Issue: 6 Pages: 1832-1844

IF: 7.207 (2013)

(Article)

13. Amann, PM; Czaja, K; Bazhin, AV; Ruhl, R; Skazik, C; Heise, R (Heise, Ruth)^[1]; Marquardt, Y; Eichmuller, SB ; Merk, HF; Baron, JM: *Knockdown of lecithin retinol acyltransferase increases all-trans retinoic acid levels and restores retinoid sensitivity in malignant melanoma cells*

EXPERIMENTAL DERMATOLOGY

Volume: 23 Issue: 11 Pages: 832-837

IF: 4.115 (2013)

(Article)

14. Skazik, C; Amann, PM; Heise, R; Marquardt, Y ; Czaja, K ; Kim, A ; Ruhl, R; Kurschat, P; Merk, HF ; Bickers, DR; Baron, JM: *Downregulation of STRA6 Expression in Epidermal Keratinocytes Leads to Hyperproliferation-Associated Differentiation in Both In Vitro and In Vivo Skin Models*

JOURNAL OF INVESTIGATIVE DERMATOLOGY

Volume: 134 Issue: 6 Pages: 1579-1588

IF: 6.372 (2013)

(Article)

15. Dozsa, A; Dezso, B; Toth, BI; Bacsi, A; Poliska, S; Camera, E; Picardo, M; Zouboulis, CC ; Biro, T; Schmitz, G; Liebisch, G; Ruhl, R; Remenyik, E; Nagy, L: *PPAR gamma-Mediated and Arachidonic Acid-Dependent Signaling Is Involved in Differentiation and Lipid Production of Human Sebocytes*

JOURNAL OF INVESTIGATIVE DERMATOLOGY

Volume: 134 Issue: 4 Pages: 910-920

IF: 6.372 (2013)

(Article)

16. Mihaly, J; Marosvolgyi, T; Szegedi, A; Koroskenyi, K; Lucas, R; Torocsik, D; Garcia, AL; Decsi, T ; Ruhl, R: *Increased FADS2-Derived n-6 PUFAs and Reduced n-3 PUFAs in Plasma of Atopic Dermatitis Patients*

SKIN PHARMACOLOGY AND PHYSIOLOGY

Volume: 27 Issue: 5 Pages: 242-248

IF:1.964 (2013)

(Article)

17. Weiss, K ; Mihaly, J; Liebisch, G ; Marosvolgyi, T; Garcia, AL; Schmitz, G; Decsi, T; Ruhl, R: *Effect of high versus low doses of fat and vitamin A dietary supplementation on fatty acid composition of phospholipids in mice*

GENES AND NUTRITION

Volume: 9 Issue: 1

IF: 3.419 (2013)

(Article)

18. Daniel, B., Nagy, G., Nagy, L.: *The intriguing complexities of mammalian gene regulation: How to link enhancers to regulated genes. Are we there yet?*

FEBS Letters

Volume 588, Issue 15, 1 August 2014, Pages 2379-2391

IF: 3.341 (2013)

(Review)

19. Brazda, P., Krieger, J., Daniel, B., Jonas, D., Szekeres, T., Langowski, J., Tóth, K., Nagy, L., Vámosi, G: *Ligand binding shifts highly mobile retinoid X receptor to the chromatin-bound state in a coactivator-dependent manner, as revealed by single-cell imaging*

Molecular and Cellular Biology

Volume 34, Issue 7, April 2014, Pages 1234-1245

IF: 5.036 (2013)

(Article)

20. Cuaranta-Monroy, I, Simandi, Z., Kolostyak, Z., Doan-Xuan, Q.-M., Poliska, S., Horvath, A., Nagy, G., Bacso, Z., Nagy, L: *Highly efficient differentiation of embryonic stem cells into adipocytes by ascorbic acid*

Stem Cell Research

Volume 13, Issue 1, July 2014, Pages 88-97

IF: 3.912 (2013)

(Article)

21. Gyongyosi, A., Docs, O., Czimmerer, Z., Orosz, L., Horvath, A., Török, O., Mehes, G., Nagy, L., Balint, B.L.: *Measuring expression levels of small regulatory RNA molecules from body fluids and formalin-fixed, paraffin-embedded samples*

Methods in Molecular Biology

Volume 1182, 2014, Pages 105-119

IF: 0.692 (2013)

(Article)

22. Palkó, E., Póliska, S., Csákányi, Z., Katona, G., Karosi, T., Helfferich, F., Penyige, A., Sziklai, I.: *The c-MYC Protooncogene Expression in Cholesteatoma.*

BioMed Research International

Volume 2014, 2014, Article number 639896

IF:2.706 (2013)

(Article)