

# Zsembery Ákos közleményei (2025.12.18)

2025

1. [Gutmacher, Ellay](#) ; [Sárai, Bálint Zsombor](#) ; [Martineková, Petrana](#) ; [Kiss-Dala, Szilvia](#) ; [Agócs, Gergely](#) ; [Hegyi, Péter](#) ; [Bródy, Andrea\\*\\*](#) ; [Zsembery, Ákos](#)  
[The presence and relative abundance of salivary Fusobacterium nucleatum are not associated with colorectal cancer : a systematic review and meta-analysis](#)  
SCIENTIFIC REPORTS 15 : 1 Paper: 24815 , 12 p. (2025)  
[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
Közlemény:36246738 Egyeztetett Forrás Idéző Folyóiratcikk (Összefoglaló cikk ) Tudományos  
*Folyóirat szakterülete: Scopus - Multidisciplinary SJR indikátor: Q1*  
*Szociológiai Tudományos Bizottság IXGJO SZTB [1901-] A nemzetközi*  
*Regionális Tudományok Bizottsága IXGJO RTB [1901-] B nemzetközi*  
*Szociológiai Tudományos Bizottság IXGJO SZTB [1901-] A nemzetközi*  
*Regionális Tudományok Bizottsága IXGJO RTB [1901-] B nemzetközi*  
DOI: 10.1038/s41598-025-07465-w
2. [Mózes, A.E.](#) ; [Olasz, F.H.](#) ; [Martineková, P.](#) ; [Kiss-Dala, S.](#) ; [Bródy, A.](#) ; [Végh, D.](#) ; [Zsembery, Á.](#) ; [Hegyi, P.](#) ; [Ács, N.](#) ; [Rózsa, N.K.](#)  
[Cervical HPV Positivity Elevates the Risk for Oral HPV Infection: A Systematic Review with Meta-Analysis](#)  
JOURNAL OF DENTAL RESEARCH 104 : 11 pp. 1181-1191. , 11 p. (2025)  
[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
Közlemény:36210567 Egyeztetett Forrás Idéző Folyóiratcikk (Összefoglaló cikk ) Tudományos  
*Folyóirat szakterülete: Scopus - Dentistry (miscellaneous) SJR indikátor: D1*  
DOI: 10.1177/00220345251337071
3. [Papp, Zsolt Tamás](#) ; [Ribiczey, Polett](#) ; [Kató, Erzsébet](#) ; [Tóth, Zsuzsanna E.](#) ; [Varga, Zoltán V.](#) ; [Giricz, Zoltán](#) ; [Hanuska, Adrienn](#) ; [Al-Khrasani, Mahmoud](#) ; [Zsembery, Ákos](#) ; [Zelles, Tibor](#) et al.  
[Angiotensin IV Receptors in the Rat Prefrontal Cortex: Neuronal Expression and NMDA Inhibition](#)  
BIOMEDICINES 13 : 1 Paper: 71 , 19 p. (2025)  
[DOI](#) [REAL](#) [WoS](#) [Scopus](#) [PubMed](#)  
Közlemény:35663377 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 4 | Független: 4 | Független: 0 | Nem jelölt: 0 | WoS jelölt: 3 | Scopus jelölt: 3 | WoS/Scopus jelölt: 3 | DOI jelölt: 3  
*Folyóirat szakterülete: Scopus - Biochemistry, Genetics and Molecular Biology (miscellaneous) SJR indikátor: Q1*  
*Folyóirat szakterülete: Scopus - Medicine (miscellaneous) SJR indikátor: Q1*  
DOI: 10.3390/biomedicines13010071  
Összes idéző: 4, Független idézők: 4, Önidézet: 0, Nem vizsgált idézők: 0  
  
1.Wang J. et al. GPCR Sense Communication Among Interaction Nematodes with Other Organisms. (2025) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 26 6  
2.Xu Tina et al. The brain renin angiotensin system: a novel precision target for neurofunctional symptom regulation. (2025)  
3.Bayraktutan U.. Angiotensin II and Cardiovascular Disease: Balancing Pathogenic and Protective Pathways. (2025) CURRENT ISSUES IN MOLECULAR BIOLOGY 1467-3037 1467-3045 47 7  
4.Stam Frida et al. Insulin-regulated aminopeptidase inhibitor C9 restores cellular activity in methadone-damaged primary cell cultures. (2025) NEUROSCIENCE LETTERS 0304-3940 1872-7972 869
4. [Ritter, Emese](#) ; [Hohl, Kitti](#) ; [Kereskai, László](#) ; [Kemény, Ágnes](#) ; [Hargitai, Dóra](#) ; [Szombati, Veronika](#) ; [Perkecz, Anikó](#) ; [Pakai, Eszter](#) ; [Garami, Andras](#) ; [Zsembery, Ákos](#) et al.  
[Correction : Ritter et al. Optimization, Characterization and Pharmacological Validation of the Endotoxin-Induced Acute Pneumonitis Mouse Model. Biomedicines 2025, 13, 1498.](#)  
BIOMEDICINES 13 : 10 Paper: 2384 , 4 p. (2025)  
[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
Közlemény:36414342 Egyeztetett Forrás Idéző Folyóiratcikk (Hozzászólás, helyreigazítás ) Tudományos  
DOI: 10.3390/biomedicines13102384
5. [Ritter, Emese](#) ; [Hohl, Kitti](#) ; [Kereskai, László](#) ; [Kemény, Ágnes](#) ; [Hargitai, Dóra](#) ; [Szombati, Veronika](#) ; [Perkecz, Anikó](#) ; [Pakai, Eszter](#) ; [Garami, Andras](#) ; [Zsembery, Ákos](#) et al.  
[Optimization, Characterization and Pharmacological Validation of the Endotoxin-Induced Acute Pneumonitis Mouse Model](#)  
BIOMEDICINES 13 : 6 Paper: 1498 , 19 p. (2025)  
[DOI](#) [WoS](#) [Scopus](#) [PubMed](#) [Egyéb URL](#)  
Közlemény:36205958 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 1 | Független: 0 | Függő: 1 | Nem jelölt: 0 | WoS jelölt: 1 | Scopus jelölt: 1 | WoS/Scopus jelölt: 1 | DOI jelölt: 1

Folyóirat szakterülete: *Scopus - Biochemistry, Genetics and Molecular Biology (miscellaneous)* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Medicine (miscellaneous)* SJR indikátor: Q1

DOI: 10.3390/biomedicines13061498

Összes idéző: 1, Független idézők: 0, Önidézet: 1, Nem vizsgált idézők: 0

1.\*Ritter Emese et al. Correction : Ritter et al. Optimization, Characterization and Pharmacological Validation of the Endotoxin-Induced Acute Pneumonitis Mouse Model. *Biomedicines* 2025, 13, 1498.. (2025) BIOMEDICINES 2227-9059 13 10

6. [Hanuska, Adrienn](#) ; [Ribiczey, Polett](#) ; [Kató, Erzsébet](#) ; [Papp, Zsolt Tamás](#) ; [Varga, Zoltán V.](#) ; [Giricz, Zoltán](#) ; [Tóth, Zsuzsanna E.](#) ; [Könczöl, Katalin](#) ; [Zsembery, Ákos](#) ; [Zelles, Tibor](#) et al.

[Potentiation of NMDA Receptors by AT1 Angiotensin Receptor Activation in Layer V Pyramidal Neurons of the Rat Prefrontal Cortex](#)

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 25 : 23 Paper: 12644 , 18 p. (2024)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Központi kezelésű Közlemény:35645506 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 4 | Független: 3 | Függő: 1 | Nem jelölt: 0 | WoS jelölt: 4 | Scopus jelölt: 3 | WoS/Scopus jelölt: 4 |

DOI jelölt: 4

Folyóirat szakterülete: *Scopus - Organic Chemistry* SJR indikátor: D1

Folyóirat szakterülete: *Scopus - Spectroscopy* SJR indikátor: D1

Folyóirat szakterülete: *Scopus - Computer Science Applications* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Inorganic Chemistry* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Medicine (miscellaneous)* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Physical and Theoretical Chemistry* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Catalysis* SJR indikátor: Q2

Folyóirat szakterülete: *Scopus - Molecular Biology* SJR indikátor: Q2

DOI: 10.3390/ijms252312644

Összes idéző: 4, Független idézők: 3, Önidézet: 1, Nem vizsgált idézők: 0

1.\*Papp Zsolt Tamás et al. Angiotensin IV Receptors in the Rat Prefrontal Cortex: Neuronal Expression and NMDA Inhibition. (2025) BIOMEDICINES 2227-9059 13 1

2.Arvind A. et al. Genetic, Epigenetic, and Hormonal Regulation of Stress Phenotypes in Major Depressive Disorder: From Maladaptation to Resilience. (2025) CELLULAR AND MOLECULAR NEUROBIOLOGY 0272-4340 1573-6830 45 1

3.Xu Z.-Q. et al. Enhancement of ASIC currents by angiotensin II in rat dorsal root ganglion neurons. (2025) NEUROPHARMACOLOGY 0028-3908 1873-7064 278

4.Cueto-Urena Cristina et al. Physiopathology of the Brain Renin-Angiotensin System. (2025) LIFE-BASEL 2075-1729 15 8

7. [Köles, László](#) ; [Ribiczey, Polett](#) ; [Szebeni, Andrea](#) ; [Kádár, Kristóf](#) ; [Zelles, Tibor](#) ; [Zsembery, Ákos](#)  
[The Role of TRPM7 in Oncogenesis](#)

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 25 : 2 Paper: 719 , 31 p. (2024)

[DOI](#) [REAL](#) [WoS](#) [Scopus](#) [PubMed](#)

Központi kezelésű Közlemény:34530291 Egyeztetett Forrás Idéző Folyóiratcikk (Összefoglaló cikk ) Tudományos

Nyilvános idéző összesen: 13 | Független: 13 | Függő: 0 | Nem jelölt: 0 | WoS jelölt: 12 | Scopus jelölt: 13 | WoS/Scopus jelölt: 13 | DOI jelölt: 13

Folyóirat szakterülete: *Scopus - Organic Chemistry* SJR indikátor: D1

Folyóirat szakterülete: *Scopus - Spectroscopy* SJR indikátor: D1

Folyóirat szakterülete: *Scopus - Computer Science Applications* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Inorganic Chemistry* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Medicine (miscellaneous)* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Physical and Theoretical Chemistry* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Catalysis* SJR indikátor: Q2

Folyóirat szakterülete: *Scopus - Molecular Biology* SJR indikátor: Q2

DOI: 10.3390/ijms25020719

Összes idéző: 13, Független idézők: 13, Önidézet: 0, Nem vizsgált idézők: 0

1.Wang Huiping et al. Targeting eukaryotic elongation factor 2 kinase (eEF2K) with small-molecule inhibitors for cancer therapy. (2024) DRUG DISCOVERY TODAY 1359-6446 1878-5832 29 10

2.Kouba S. et al. S-acylation of Ca<sup>2+</sup> transport proteins in cancer. (2024) CHRONIC DISEASES AND TRANSLATIONAL MEDICINE 2095-882X 2589-0514 10 4 263-280

3.Egawa M. et al. Expression Profiling Identified TRPM7 and HER2 as Potential Targets for the Combined Treatment of Cancer Cells. (2024) CELLS 2073-4409 13 21

4.Lin J. et al. Calcium channels as therapeutic targets in head and neck squamous cell carcinoma: current evidence and clinical trials. (2024) FRONTIERS IN ONCOLOGY 2234-943X 14

5.Jolly Jeffery T. et al. The PACT Network: PRL, ARL, CNM, and TRPM Proteins in Magnesium Transport and Disease. (2025) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 26 4

- 6.Torner Bernadett et al. Construction of a miRNA Panel for Differentiating Lung Adenocarcinoma Brain Metastases and Glioblastoma. (2025) *CANCERS* 2072-6694 17 4
- 7.Pathak T. et al. Crosstalk between calcium and reactive oxygen species signaling in cancer revisited. (2025) *CELL CALCIUM* 0143-4160 1532-1991 127
- 8.Izaguirre-Hernández I.Y. et al. Potential functions of TRPM2 and TRPM7 channels in the tumor microenvironment. (2025) *JOURNAL OF LEUKOCYTE BIOLOGY* 0741-5400 1938-3673 117 7
- 9.Giannaccari M et al. TRP channels and cancer modulation: a voyage beyond metabolic reprogramming, oxidative stress and the advent of nanotechnologies in targeted therapy. (2025) *JOURNAL OF EXPERIMENTAL AND CLINICAL CANCER RESEARCH* 0392-9078 1756-9966 44 1
- 10.Twardak D et al. TRP Channels in Skin Cancer: Focus on Malignant Melanoma. (2025) *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 1661-6596 1422-0067 26 16
- 11.Chen Zhigang et al. TRPM2: a pivotal player in tumor progression and a promising therapeutic target. (2025) *CANCER CELL INTERNATIONAL* 1475-2867 1475-2867 25 1
- 12.Zhou Sha et al. Targeting Ion Channels for Cancer Therapy: From Pathophysiological Mechanisms to Clinical Translation. (2025) *PHARMACEUTICALS* 1424-8247 18 10
- 13.Rahman Ghazala et al. Calcium and cancer metastasis: Discoveries from zebrafish xenografts. (2025) *BIOCHIMICA ET BIOPHYSICA ACTA-REVIEWS ON CANCER* 0304-419X 1879-2561 1880 5

8. [Máthé, Domokos](#) ; [Szalay, Gergely\\*](#) ; [Cseri, Levente\\*](#) ; Kis, Zoltán ; Pályi, Bernadett ; [Földes, Gábor](#) ; [Kovács, Noémi](#) ; [Fülöp, Anna](#) ; [Szepesi, Áron](#) ; [Hajdrik, Polett](#) ; [Zsembery, Ákos](#) et al.

[Monitoring correlates of SARS-CoV-2 infection in cell culture using a two-photon-active calcium-sensitive dye](#)

*CELLULAR AND MOLECULAR BIOLOGY LETTERS* 29 : 1 Paper: 105 , 16 p. (2024)

[DOI](#) [WoS](#) [REAL](#) [Scopus](#) [PubMed](#)

Központi kezelésű Közlemény:35139761 Nyilvános Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 2 | Független: 2 | Független: 0 | Nem jelölt: 0 | WoS jelölt: 1 | Scopus jelölt: 1 | WoS/Scopus jelölt: 1 | DOI jelölt: 1

*Folyóirat szakterülete: Scopus - Biochemistry SJR indikátor: D1*

*Folyóirat szakterülete: Scopus - Cell Biology SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Molecular Biology SJR indikátor: Q1*

DOI: 10.1186/s11658-024-00619-0

Összes idéző: 2, Független idézők: 2, Önidézet: 0, Nem vizsgált idézők: 0

1.Janić Nikol et al. BAPTA-based potentiometric polymer sensor: towards sensing inflammations and infections. (2025) *JOURNAL OF MATERIALS CHEMISTRY B* 2050-750X 2050-7518 13 13 4157-4165

2.Georgie Wray-McCann et al. Annexin A2 mediates RIG-I-like receptor responses to viral infection. (2025) *bioRxiv* 2692-8205

9. [Pálos, Veronika](#) ; [Nagy, Krisztina S](#) ; [Pázmány, Rita](#) ; [Juriga-Tóth, Krisztina](#) ; [Budavári, Bálint](#) ; [Domokos, Judit](#) ; [Szabó, Dóra](#) ; [Zsembery, Ákos](#) ; [Jedlovsky-Hajdu, Angela](#)

[Electrospun polysuccinimide scaffolds containing different salts as potential wound dressing material](#)

*BEILSTEIN JOURNAL OF NANOTECHNOLOGY* 15 pp. 781-796. , 16 p. (2024)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Közlemény:35082149 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 1 | Független: 0 | Független: 1 | Nem jelölt: 0 | Scopus jelölt: 1 | WoS/Scopus jelölt: 1 | DOI jelölt: 1

*Folyóirat szakterülete: Scopus - Electrical and Electronic Engineering SJR indikátor: Q2*

*Folyóirat szakterülete: Scopus - Physics and Astronomy (miscellaneous) SJR indikátor: Q2*

*Folyóirat szakterülete: Scopus - Materials Science (miscellaneous) SJR indikátor: Q3*

*Folyóirat szakterülete: Scopus - Nanoscience and Nanotechnology SJR indikátor: Q3*

DOI: 10.3762/bjnano.15.65

Összes idéző: 1, Független idézők: 0, Önidézet: 1, Nem vizsgált idézők: 0

1.\*Horvath Z. et al. Biological effect of Zn-loaded polysuccinimide nanofibers on cells and bacteria. (2025) *JOURNAL OF MOLECULAR LIQUIDS* 0167-7322 1873-3166 417

10. [Pálos, Veronika](#) ; [S. Nagy, Krisztina](#) ; [Pázmány, Rita](#) ; [Juriga-Tóth, Krisztina](#) ; [Budavári, Bálint](#) ; [Domokos, Judit](#) ; [Szabó, Dóra](#) ; [Zsembery, Ákos](#) ; [Jedlovsky-Hajdu, Angela](#)

[Inorganic salt-polysuccinimide composite scaffold for potential wound dressing application](#)

In: Carla, Vitorino; Sandra, Nunes; Tânia, Cova [BOOK OF ABSTRACTS : 10th Iberian Meeting on Colloids and Interfaces](#) (2024) 288 p. pp. 163-163. , 1 p.

Közlemény:35255905 Egyeztetett Forrás Egyéb konferenciaközlemény (Absztrakt / Kivonat ) Tudományos

11. [Pálos, Veronika](#) ; [S. Nagy, Krisztina](#) ; [Pázmány, Rita](#) ; [Juriga-Tóth, Krisztina](#) ; [Budavári, Bálint](#) ; [Domokos, Judit](#) ; [Szabó, Dóra](#) ; [Zsembery, Ákos](#) ; [Jedlovsky-Hajdu, Angela](#)

[Polysuccinimide-salt electrospun composite scaffold as a potential wound dressing material](#)

In: [22nd International Summer School on Bioanalysis Book of Abstracts](#)

(2024) 98 p. pp. 67-68. , 2 p.

2024

Közlemény:35171843 Egyeztetett Forrás Egyéb konferenciaközlemény (Absztrakt / Kivonat ) Tudományos

2023

12. [Pálos, Veronika](#) ; [Domokos, Judit](#) ; [Szabó, Dóra](#) ; [Zsembery, Ákos](#) ; [Pázmány, Rita](#) ; [S.-Nagy, Krisztina](#) ; [Angela, Jedlovsky-Hajdu](#)  
[Salt loaded fibrous meshes from polysuccinimide for medical applications](#)  
In: Imre, Derényi; László, Grama; Katalin, Solymosi (szerk.) [Magyar Biofizikai Társaság XXIX. Kongresszusa](#)  
Budapest, Magyarország : Magyar Biofizikai Társaság (2023) 139 p. pp. 87-87. , 1 p.

Közlemény:35257454 Egyeztetett Forrás Könyvrészlet (Absztrakt / Kivonat ) Tudományos

13. [Sramkó, Bendegúz](#) ; [Földes, Anna](#) ; [Kádár, Kristóf](#) ; [Varga, Gábor](#) ; [Zsembery, Ákos](#) ; [Pircs, Karolina](#)  
[The Wisdom in Teeth: Neuronal Differentiation of Dental Pulp Cells](#)  
CELLULAR REPROGRAMMING 25 : 1 pp. 32-44. , 13 p. (2023)  
[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Közlemény:33616728 Egyeztetett Forrás Idéző Folyóiratcikk (Összefoglaló cikk ) Tudományos

Nyilvános idéző összesen: 12 | Független: 12 | Függő: 0 | Nem jelölt: 0 | WoS jelölt: 12 | Scopus jelölt: 11 | WoS/Scopus jelölt: 12 | DOI jelölt: 12

*Folyóirat szakterülete: Scopus - Biotechnology SJR indikátor: Q3*

*Folyóirat szakterülete: Scopus - Cell Biology SJR indikátor: Q4*

*Folyóirat szakterülete: Scopus - Developmental Biology SJR indikátor: Q4*

DOI: 10.1089/cell.2022.0102

Összes idéző: 12, Független idézők: 12, Önidézet: 0, Nem vizsgált idézők: 0

1.Carvalho S. et al. Neurological Disease Modeling Using Pluripotent and Multipotent Stem Cells: A Key Step towards Understanding and Treating Mucopolysaccharidoses. (2023) BIOMEDICINES 2227-9059 11 4

2.Candélise N. et al. The Importance of Stem Cells Isolated from Human Dental Pulp and Exfoliated Deciduous Teeth as Therapeutic Approach in Nervous System Pathologies. (2023) CELLS 2073-4409 12 13

3.Wang Z. et al. Comparison of Biological Properties and Clinical Application of Mesenchymal Stem Cells from the Mesoderm and Ectoderm. (2023) STEM CELLS INTERNATIONAL 1687-966X 1687-9678 2023

4.Van de Roovaart et al. Huntington's Disease Drug Development: A Phase 3 Pipeline Analysis. (2023) PHARMACEUTICALS 1424-8247 16 11

5.Sharifi M. et al. Recent perspectives on the synergy of mesenchymal stem cells with micro/nano strategies in peripheral nerve regeneration-a review. (2024) FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY 2296-4185 2296-4185 12

6.Dodina Maria et al. Evaluation of mesenchymal stem cells as an in vitro model for inherited retinal diseases. (2024) FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY 2296-634X 2296-634X 12

7.Yamaguchi N. et al. Immortalization of Mesenchymal Stem Cells for Application in Regenerative Medicine and Their Potential Risks of Tumorigenesis. (2024) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 25 24

8.Chauca-Bajaña Luis et al. Methodological Stumbles in the Culture of Stem Cells from the Dental Pulp: An In vitro Study. (2025) THE OPEN DENTISTRY JOURNAL 1874-2106 1874-2106 19 1

9.Panferov E et al. Induced Pluripotent (iPSC) and Mesenchymal (MSC) Stem Cells for In Vitro Disease Modeling and Regenerative Medicine. (2025) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 26 12 1-55

10.Alqahtani S. et al. Investigations into the basal neural-like properties of dental pulp stem cells reveal they possess a functional type 2 muscarinic receptor which regulates quiescence. (2025) STEM CELL RESEARCH & THERAPY 1757-6512 1757-6512 16 1

11.Hasegawa Hideaki et al. Therapeutic effects of conditioned medium of immortalized dental pulp stem cells from human exfoliated deciduous teeth against experimental autoimmune neuritis. (2025) SCIENTIFIC REPORTS 2045-2322 15 1

12.Alamdari Ghazal et al. Diagnostic and therapeutic potential of oral cavity-derived exosomes in oral and maxillofacial tissue engineering: current advances and future perspectives. (2025) NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY 0028-1298 1432-1912 398 11 15141-15171

14. [Zsembery, Á](#)  
[Az emésztőrendszeri hormonok és jelátvivők](#)  
In: Tulassay, Zsolt (szerk.) [Gastroenterológia](#)  
Budapest, Magyarország : Medicina Könyvkiadó (2023) 1,180 p. pp. 24-32. , 9 p.

Közlemény:34495862 Admin láttamozott Forrás Könyvrészlet (Könyvfejezet ) Tudományos

2022

15. [Csekő, Kata](#) ; [Hargitai, Dóra](#) ; Draskóczy, Lilla ; [Kéri, Adrienn](#) ; [Jaikumpun, Pongsiri](#) ; [Kerémi, Beáta](#) ; [Helyes, Zsuzsanna](#) ; [Zsembery, Ákos](#)

[Safety of chronic hypertonic bicarbonate inhalation in a cigarette smoke-induced airway irritation guinea pig model.](#)

BMC PULMONARY MEDICINE 22 : 1 Paper: 131 , 10 p. (2022)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Központi kezelésű Közlemény:32778457 Egyeztetett Forrás Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 2 | Független: 1 | Független: 1 | Nem jelölt: 0 | WoS jelölt: 2 | Scopus jelölt: 1 | WoS/Scopus jelölt: 2 | DOI jelölt: 2

*Folyóirat szakterülete: Scopus - Pulmonary and Respiratory Medicine SJR indikátor: Q2*

DOI: 10.1186/s12890-022-01919-x

Összes idéző: 2, Független idézők: 1, Önidézet: 1, Nem vizsgált idézők: 0

1.\*Pallagi Petra et al. Heavy metals in cigarette smoke strongly inhibit pancreatic ductal function and promote development of chronic pancreatitis. (2024) CLINICAL AND TRANSLATIONAL MEDICINE 2001-1326 2001-1326 14 6

2.Feng Tiantian et al. Animal models of chronic obstructive pulmonary disease: a systematic review. (2024) FRONTIERS IN MEDICINE 2296-858X 11

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[User Experience and Sustainability of 3D Printing in Dentistry](#)

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH 19 : 4 Paper: 1921 , 11 p. (2022)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Központi kezelésű Közlemény:32662840 Egyeztetett Forrás Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 47 | Független: 42 | Független: 5 | Nem jelölt: 0 | WoS jelölt: 40 | Scopus jelölt: 43 | WoS/Scopus jelölt: 46 | DOI jelölt: 47

*Folyóirat szakterülete: Scopus - Health, Toxicology and Mutagenesis SJR indikátor: Q2*

*Folyóirat szakterülete: Scopus - Pollution SJR indikátor: Q2*

*Folyóirat szakterülete: Scopus - Public Health, Environmental and Occupational Health SJR indikátor: Q2*

*Szociológiai Tudományos Bizottság IXGJO SZTB [1901-] B nemzetközi*

*Szociológiai Tudományos Bizottság IXGJO SZTB [1901-] B nemzetközi*

DOI: 10.3390/ijerph19041921

Összes idéző: 47, Független idézők: 42, Önidézet: 5, Nem vizsgált idézők: 0

1.\*Krstev Tihomir et al. The Utilisation of CAD/CAM Technology Amongst Austrian Dentists: A Pilot Study. (2023) INTERNATIONAL DENTAL JOURNAL 0020-6539 1875-595X 73 3 430-434

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9.Trzaskowski M. et al. Evaluation of Mechanical Properties of 3D-Printed Polymeric Materials for Possible Application in Mouthguards. (2023) POLYMERS 2073-4360 15 4

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  - 22.Mohammed A.Q. et al. Evaluation the biocompatibility and hardness of 3D printed resin material with different times and many rinsing solutions. (2024) Megjelent: Nincs cím
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17. [Jaikumpun, Pongsiri](#) ; [Ruksakiet, Kasidid](#) ; [Stercz, Balázs](#) ; Pállinger, Éva ; [Steward, Martin](#) ; [Lohinai, Zsolt](#) ; Dobay, Orsolya ; [Zsembery, Ákos](#)  
[Antimicrobial Effects of Bicarbonate on Cystic Fibrosis Bacteria](#)

In: School of Dentistry Mae Fah Luang University, - School of Dentistry Mae Fah Luang University, (szerk.) [Novel Challenges in Dental Practice and Research](#)

Chiang Rai, Thaiföld : Mae Fah Luang University (2022) pp. 126-126. , 1 p.

[Egyéb URL](#)

Közlémény:33563349 Admin láttamozott Forrás Könyvrészlet (Absztrakt / Kivonat ) Tudományos

18. [Pázmány, Rita](#) ; [Nagy, Krisztina S.](#) ; [Zsembery, Ákos](#) ; [Jedlovsky-Hajdu, Angela](#) [Ultrasound induced, easy-to-store porous poly\(amino acid\) based electrospun scaffolds](#)  
JOURNAL OF MOLECULAR LIQUIDS 359 Paper: 119243 , 11 p. (2022)

[DOI](#) [WoS](#) [Scopus](#)

Közlémény:32808649 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 11 | Független: 8 | Függő: 3 | Nem jelölt: 0 | WoS jelölt: 11 | Scopus jelölt: 11 | WoS/Scopus jelölt: 11 | DOI jelölt: 11

Folyóirat szakterülete: *Scopus - Atomic and Molecular Physics, and Optics* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Condensed Matter Physics* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Electronic, Optical and Magnetic Materials* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Materials Chemistry* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Physical and Theoretical Chemistry* SJR indikátor: Q1

Folyóirat szakterülete: *Scopus - Spectroscopy* SJR indikátor: Q1

DOI: 10.1016/j.molliq.2022.119243

Összes idéző: 11, Független idézők: 8, Önidézet: 3, Nem vizsgált idézők: 0

1.\*Voniatis Constantinos et al. Synergistic properties of polysuccinimide/poly(lactic acid) co-electrospun and blended-electrospun nanofibers. (2023) JOURNAL OF MOLECULAR LIQUIDS 0167-7322 1873-3166 390 Part B

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19. [RUKSAKIET, Kasidid](#) ; [STERCZ, Balázs](#) ; [TÓTH, Gergő](#) ; [JAIKUMPUN, Pongsiri](#) ; DOBAY, Orsolya ; [HORVÁTH, Péter](#) ; [ZSEMBERY, Ákos](#) ; [LOHINAI, Z. M.](#) [Extracellular pH Modulates the Second Messenger Concentrations in Streptococcus mutans](#)

In: School of Dentistry Mae Fah Luang University, - School of Dentistry Mae Fah Luang University, (szerk.) [Novel Challenges in Dental Practice and Research](#)

Chiang Rai, Thaiföld : Mae Fah Luang University (2022) pp. 90-90. , 1 p.

[Egyéb URL](#)

Közlémény:33563351 Admin láttamozott Forrás Könyvrészlet (Absztrakt / Kivonat ) Tudományos

20. [Budai-Szűcs, Mária](#) ; [Berkó, Szilvia](#) ; [Kovács, Anita](#) ; [Jaikumpun, Pongsiri](#) ; [Ambrus, Rita](#) ; Halász, Adrien ; [Szabó-Révész, Piroska](#) ; [Csányi, Erzsébet](#) ; [Zsembery, Ákos](#) [Rheological effects of hypertonic saline and sodium bicarbonate solutions on cystic fibrosis sputum in vitro](#)  
BMC PULMONARY MEDICINE 21 : 1 Paper: 225 , 10 p. (2021)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#) [SZTE Publicatio](#)

Központi kezelésű Közlémény:32114201 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 3 | Független: 2 | Függő: 1 | Nem jelölt: 0 | WoS jelölt: 3 | Scopus jelölt: 3 | WoS/Scopus jelölt: 3 | DOI jelölt: 3

Folyóirat szakterülete: *Scopus - Pulmonary and Respiratory Medicine* SJR indikátor: Q2

DOI: 10.1186/s12890-021-01599-z

Összes idéző: 3, Független idézők: 2, Önidézet: 1, Nem vizsgált idézők: 0

1.\*Csekő Kata et al. Safety of chronic hypertonic bicarbonate inhalation in a cigarette smoke-induced airway irritation guinea pig model.. (2022) BMC PULMONARY MEDICINE 1471-2466 1471-2466 22 1

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21. [Földes, Anna](#) ; [Sang-Ngoen, Thanyaporn\\*](#) ; [Kádár, Kristóf](#) ; [Rácz, Róbert](#) ; [Zsembergy, Ákos](#) ; DenBesten, Pamela ; [Steward, Martin C.](#) ; [Varga, Gábor](#)  
[Three-Dimensional Culture of Ameloblast-Originated HAT-7 Cells for Functional Modeling of Defective Tooth Enamel Formation](#)  
 FRONTIERS IN PHARMACOLOGY 12 Paper: 682654 , 14 p. (2021)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Közlemény:32052747 Egyeztetett Forrás Idéző Duplumgyanú Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 10 | Független: 9 | Függő: 1 | Nem jelölt: 0 | WoS jelölt: 8 | Scopus jelölt: 9 | WoS/Scopus jelölt: 9 | DOI jelölt: 9

*Folyóirat szakterülete: Scopus - Pharmacology (medical) SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Pharmacology SJR indikátor: Q1*

DOI: 10.3389/fphar.2021.682654

Összes idéző: 10, Független idézők: 9, Önidézet: 1, Nem vizsgált idézők: 0

1.\*Varga G. Transzlációs kutatások a fogorvostudomány határterületein – a molekuláris élettantól a klinikai vizsgálatokig: Huzella Tivadar emlékérem és jutalomdíj, 2020. (2022) ORVOSKÉPZÉS 0030-6037 97 4 480-485

2.Visakan G. et al. Ameloblastin promotes polarization of ameloblast cell lines in a 3-D cell culture system. (2022) MATRIX BIOLOGY 0945-053X 1569-1802 105 72-86

3.Mohabatpour Fatemeh et al. Novel trends, challenges and new perspectives for enamel repair and regeneration to treat dental defects. (2022) BIOMATERIALS SCIENCE 2047-4830 2047-4849 10 12 3062-3087

4.Tang S. et al. Fluorescent probes in stomatology. (2022) ARABIAN JOURNAL OF CHEMISTRY 1878-5352 1878-5379 15 12

5.Visakan Gayathri et al. Modeling ameloblast-matrix interactions using 3D cell culture. (2022) FRONTIERS IN PHYSIOLOGY 1664-042X 13

6.Mohabatpour F. et al. Bioprinting of alginate-carboxymethyl chitosan scaffolds for enamel tissue engineering in vitro. (2023) BIOFABRICATION 1758-5082 1758-5090 15 1

7.Hermans Florian et al. From Pluripotent Stem Cells to Organoids and Bioprinting: Recent Advances in Dental Epithelium and Ameloblast Models to Study Tooth Biology and Regeneration. (2024) STEM CELL REVIEWS AND REPORTS 2629-3269 2629-3277 20 1184-1199

8.Hutami I.R. et al. Roles of calcium in ameloblasts during tooth development: A scoping review. (2025) JOURNAL OF TAIBAH UNIVERSITY MEDICAL SCIENCES 1658-3612 1658-3612 20 1 25-39

9.Liu X. et al. Effect of calcium ion regulating KLK4 expression on the growth of ameloblast. (2024) JOURNAL OF PREVENTION AND TREATMENT FOR STOMATOLOGICAL DISEASES 2096-1456 2097-0234 32 10 746-755

10.Zarinfar Mehrnaz et al. Enamel Maturation as a Systems Physiology: Ion Transport and Pi Flux. (2025) CELLS 2073-4409 14 22

22. [Kádár, K.](#) ; [Juhász, V.](#) ; [Földes, A.](#) ; [Rácz, R.](#) ; Zhang, Y. ; Löchli, H. ; [Kató, E.](#) ; [Köles, L.](#) ; [Steward, M.C.](#) ; Denbesten, P. ; [Zsembergy, Á.](#) et al.  
[Trpm7-mediated calcium transport in hat-7 ameloblasts](#)  
 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 : 8 Paper: 3992 , 14 p. (2021)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Közlemény:31981561 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 12 | Független: 9 | Függő: 3 | Nem jelölt: 0 | WoS jelölt: 9 | Scopus jelölt: 11 | WoS/Scopus jelölt: 11 | DOI jelölt: 11

*Folyóirat szakterülete: Scopus - Spectroscopy SJR indikátor: D1*

*Folyóirat szakterülete: Scopus - Computer Science Applications SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Inorganic Chemistry SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Medicine (miscellaneous) SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Organic Chemistry SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Physical and Theoretical Chemistry SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Catalysis SJR indikátor: Q2*

*Folyóirat szakterülete: Scopus - Molecular Biology SJR indikátor: Q2*

DOI: 10.3390/ijms22083992

Összes idéző: 12, Független idézők: 9, Önidézet: 3, Nem vizsgált idézők: 0

1.\*Varga G. Transzlációs kutatások a fogorvostudomány határterületein – a molekuláris élettantól a klinikai vizsgálatokig: Huzella Tivadar emlékérem és jutalomdíj, 2020. (2022) ORVOSKÉPZÉS 0030-6037 97 4 480-485

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8. Landis William J. et al. Mechanisms of Mineralization of Vertebrate Skeletal and Dental Tissues. (2023) ISBN:9783031343025; 9783031343049
9. Wang Yun-Qi et al. Physiological and Pathological Functions of TRPM7 Channel and Its Small-molecule Modulators. (2023) PROGRESS IN BIOCHEMISTRY AND BIOPHYSICS 1000-3282 1000-3282 50 12 2856-2868
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11. Liu Q. et al. Progress in research on the role of calcium ion transport in dental biomineralization. (2025) CHINESE JOURNAL OF STOMATOLOGY 1002-0098 60 1 81-87
12. Zarinfar Mehrnaz et al. Enamel Maturation as a Systems Physiology: Ion Transport and Pi Flux. (2025) CELLS 2073-4409 14 22

23. [Ruksakiet, K](#) ; [Stercz, B](#) ; [Tóth, G.](#) ; [Jaikumpun, P.](#) ; Dobay, O. ; [Horváth, P.](#) ; [Zsemlery, A.](#) ; [Lohinai, Z](#)  
[External pH regulates intracellular second messengers in Streptococcus mutans](#)  
CARIES RESEARCH 55 : 4 p. 382 (2021)  
[Kötet/füzet link \(DOI\)](#)  
Közlemény:32594226 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos
24. [Ruksakiet, K](#) ; [Stercz, B](#) ; [Jaikumpun, P](#) ; Dobay, O ; [Zsemlery, Á](#) ; [Tóth, G](#) ; [Horváth, P](#) ; [Lohinai, Z](#)  
[The Effects of pH on Second Messengers in S. Mutans](#)  
JOURNAL OF DENTAL RESEARCH 100 : B Paper: 0083 (2021)  
[Teljes dokumentum](#)  
Közlemény:33563360 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos
25. [Ruksakiet, Kasidid](#) ; [Stercz, Balázs](#) ; [Tóth, Gergő](#) ; [Jaikumpun, Pongsiri](#) ; [Gróf, Ilona](#) ; [Tengölics, Roland](#) ; [Lohinai, Zsolt M.](#) ; [Horváth, Péter](#) ; [Deli, Mária A.](#) ; [Steward, Martin C.](#) ; [Zsemlery, Ákos](#) et al.  
[Bicarbonate Evokes Reciprocal Changes in Intracellular Cyclic di-GMP and Cyclic AMP Levels in Pseudomonas aeruginosa](#)  
BIOLOGY-BASEL 10 : 6 Paper: 519 , 12 p. (2021)  
[DOI](#) [WoS](#) [SE Repozitrium](#) [REAL](#) [Scopus](#) [PubMed](#)  
Közlemény:32067156 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 5 | Független: 5 | Függő: 0 | Nem jelölt: 0 | WoS jelölt: 2 | Scopus jelölt: 2 | WoS/Scopus jelölt: 2 | DOI jelölt: 3

Folyóirat szakterülete: *Scopus - Agricultural and Biological Sciences (miscellaneous)* SJR indikátor: Q1  
Folyóirat szakterülete: *Scopus - Biochemistry, Genetics and Molecular Biology (miscellaneous)* SJR indikátor: Q1  
Folyóirat szakterülete: *Scopus - Immunology and Microbiology (miscellaneous)* SJR indikátor: Q2  
DOI: 10.3390/biology10060519

Összes idéző: 5, Független idézők: 5, Önidézet: 0, Nem vizsgált idézők: 0

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2. Choudhary M.I. et al. Innovative Strategies to Overcome Antimicrobial Resistance and Tolerance. (2023) MICROORGANISMS 2076-2607 11 1
3. Corey Knelly. Characterization of the Effect of Extracellular Purines on c-di-GMP Signaling and Substrate Identification of Nucleobase Transporters in Pseudomonas aeruginosa. (2024)
4. Ersoy Selvi C. et al. Bicarbonate Within: A Hidden Modulator of Antibiotic Susceptibility. (2025) ANTIBIOTICS 2079-6382 2079-6382 14 1
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[The Effect of Sodium Bicarbonate, a Beneficial Adjuvant Molecule in Cystic Fibrosis, on Bronchial Epithelial Cells Expressing a Wild-Type or Mutant CFTR Channel](#)  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 21 : 11 Paper: 4024 , 23 p. (2020)  
[DOI](#) [WoS](#) [REAL](#) [Scopus](#) [PubMed](#) [SZTE Publicatio](#)  
Központi kezelésű Közlemény:31335512 Nyilvános Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 19 | Független: 14 | Függő: 5 | Nem jelölt: 0 | WoS jelölt: 17 | Scopus jelölt: 15 | WoS/Scopus jelölt: 18 | DOI jelölt: 18

Folyóirat szakterülete: *Scopus - Computer Science Applications* SJR indikátor: D1

2020

Folyóirat szakterülete: *Scopus - Inorganic Chemistry* SJR indikátor: D1  
Folyóirat szakterülete: *Scopus - Organic Chemistry* SJR indikátor: D1  
Folyóirat szakterülete: *Scopus - Physical and Theoretical Chemistry* SJR indikátor: D1  
Folyóirat szakterülete: *Scopus - Spectroscopy* SJR indikátor: D1  
Folyóirat szakterülete: *Scopus - Medicine (miscellaneous)* SJR indikátor: Q1  
Folyóirat szakterülete: *Scopus - Catalysis* SJR indikátor: Q2  
Folyóirat szakterülete: *Scopus - Molecular Biology* SJR indikátor: Q2  
DOI: 10.3390/ijms21114024

Összes idéző: 19, Független idézők: 14, Önidézet: 5, Nem vizsgált idézők: 0

- 1.\*Jaikumpun Pongsiri et al. Antibacterial Effects of Bicarbonate in Media Modified to Mimic Cystic Fibrosis Sputum. (2020) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 21 22
- 2.\*Ruksakiet Kasidid et al. Bicarbonate Evokes Reciprocal Changes in Intracellular Cyclic di-GMP and Cyclic AMP Levels in Pseudomonas aeruginosa. (2021) BIOLOGY-BASEL 2079-7737 10 6
- 3.\*Vigh Judit P. et al. Transendothelial Electrical Resistance Measurement across the Blood–Brain Barrier: A Critical Review of Methods. (2021) MICROMACHINES 2072-666X 12 6
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- 7.Ferrera L. et al. The application of bicarbonate recovers the chemical-physical properties of airway surface liquid in cystic fibrosis epithelia models. (2021) BIOLOGY-BASEL 2079-7737 10 4
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- 10.Pankonien I. et al. CFTR, Cell Junctions and the Cytoskeleton. (2022) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 23 5
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- 17.Stonebraker Jaclyn et al. Genetic variation in severe cystic fibrosis liver disease is associated with novel mechanisms for disease pathogenesis. (2024) HEPATOLOGY 0270-9139 1527-3350 80 5 1012-1025
- 18.Malyavin A.G. et al. The many faces of cough: resolution of the Expert Council of the Russian Scientific Medical Society of Therapists. (2024) RUSSIAN JOURNAL OF PREVENTIVE MEDICINE / PROFILAKTICHESKAYA MEDITSINA 2305-4948 2309-513X 27 9 82-92
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[Sodium bicarbonate inhibits bacterial growth in artificial sputum medium](#)  
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28. [Jaikumpun, Pongsiri](#) ; [Ruksakiet, Kasidid](#) ; [Stercz, Balázs](#) ; [Pállinger, Éva](#) ; [Steward, Martin](#) ; [Lohinai, Zsolt](#) ; [Dobay, Orsolya](#) ; [Zsemsbery, Akos](#)  
[Antibacterial Effects of Bicarbonate in Media Modified to Mimic Cystic Fibrosis Sputum](#)  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 21 : 22 Paper: 8614 , 15 p. (2020)  
[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
Közlemény:31661611 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 14 | Független: 11 | Független: 3 | Nem jelölt: 0 | WoS jelölt: 13 | Scopus jelölt: 14 | WoS/Scopus jelölt: 14 | DOI jelölt: 14

Folyóirat szakterülete: *Scopus - Computer Science Applications* SJR indikátor: D1

2020

Folyóirat szakterülete: Scopus - Inorganic Chemistry SJR indikátor: D1  
Folyóirat szakterülete: Scopus - Organic Chemistry SJR indikátor: D1  
Folyóirat szakterülete: Scopus - Physical and Theoretical Chemistry SJR indikátor: D1  
Folyóirat szakterülete: Scopus - Spectroscopy SJR indikátor: D1  
Folyóirat szakterülete: Scopus - Medicine (miscellaneous) SJR indikátor: Q1  
Folyóirat szakterülete: Scopus - Catalysis SJR indikátor: Q2  
Folyóirat szakterülete: Scopus - Molecular Biology SJR indikátor: Q2  
DOI: 10.3390/ijms21228614

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- 3.\*Csekő Kata et al. Safety of chronic hypertonic bicarbonate inhalation in a cigarette smoke-induced airway irritation guinea pig model.. (2022) BMC PULMONARY MEDICINE 1471-2466 1471-2466 22 1
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- 12.Mullen Eamon et al. An update on targeting airway inflammation in cystic fibrosis. (2025) EXPERT REVIEW OF RESPIRATORY MEDICINE 1747-6348 1747-6356 19 9 997-1015
- 13.Akinwumi Adetutu Ruth et al. Improved poly(3-hydroxybutyrate) production by new strain of Bacillus paramycoides AAR-6. (2025) INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES 0141-8130 1879-0003 319
- 14.Liang X. et al. Pathogenic mechanisms and therapeutic advances of small colony variants. (2025) JOURNAL OF SHANGHAI JIAOTONG UNIVERSITY MEDICAL SCIENCE 1674-8115 45 6 784-791

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[The role of TRPM7 channel in the Ca2+homeostasis of ameloblast cells](#)  
In: Rakonczay, Zoltán; Kiss, Lóránd (szerk.) [Proceedings of the EFOP-3.6.2-16-2017-00006 \(LIVE LONGER\) project](#)  
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Közlemény:31638602 Admin láttamozott Forrás Egyéb konferenciaközlemény (Absztrakt / Kivonat ) Tudományos

30. [Rácz, R](#) ; [Steward, MC](#) ; DenBesten, P ; [Kerémi, B](#) ; [Zsembergy, Á](#) ; [Varga, G](#)  
[Polarized HAT-7 cells: a new in vitromodel for studying the molecular physiology of ion transport processes in amelogenesis](#)  
In: Rakonczay, Zoltán; Kiss, Lóránd (szerk.) [Proceedings of the EFOP-3.6.2-16-2017-00006 \(LIVE LONGER\) project](#)  
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Közlemény:31638604 Admin láttamozott Forrás Egyéb konferenciaközlemény (Absztrakt / Kivonat ) Tudományos

31. [Ruksakiet, K](#) ; [Stercz, B](#) ; [Tóth, G](#) ; [Jaikumpun, P](#) ; [Lohinai, Z](#) ; [Horváth, P](#) ; Dobay, O ; [Zsembergy, Á](#)  
[Bicarbonate oppositely regulates cyclic di-GMP and cyclic AMP levels in Pseudomonas Aeruginosa](#)  
In: Rakonczay, Zoltán; Kiss, Lóránd (szerk.) [Proceedings of the EFOP-3.6.2-16-2017-00006 \(LIVE LONGER\) project](#)  
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Közlemény:31638620 Admin láttamozott Forrás Egyéb konferenciaközlemény (Absztrakt / Kivonat ) Tudományos

32. [Zsembergy, Á](#) ; [Kádár, K](#) ; [Jaikumpun, P](#) ; Deli, MA ; Jakab, F ; [Dobay, O](#)  
[Bicarbonate: An Ancient Concept to Defeat Pathogens in Light of Recent Findings Beneficial for COVID-19 Patients?](#) (2020)  
Elsevier-SSRN,  
[DOI](#) [Teljes dokumentum](#)

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Közlemény:32202726 Admin láttamozott Forrás Egyéb (Csak repozitóriumban hozzáférhető közlemény ) Tudományos  
DOI: 10.2139/ssrn.3589403

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[Effects of Bicarbonate on Members of Periodontal Microbiota Causing Chronic Lung Disease](#)  
JOURNAL OF DENTAL RESEARCH 98 : B Paper: 507 (2019)  
[Teljes dokumentum](#)  
Közlemény:30851407 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos
34. [Juhász, Viktória](#) ; [Kádár, Kristóf](#) ; [Kató, Erzsébet](#) ; [Löchli, Heike](#) ; [Steward, Martin](#) ; [DenBesten, P](#) ; [Köles, László](#) ;  
[Varga, Gábor](#) ; [Zsebery, Ákos](#)  
[A TRPM7 fehérje szerepe az ameloblasztok Ca<sup>2+</sup> és Mg<sup>2+</sup> homeosztázisának fenntartásában](#)  
In: Bagdy, György (szerk.) [FAMÉ 2019 Magyar Kísérletes és Klinikai Farmakológiai Társaság; Magyar Anatómus Társaság; Magyar Mikrocirkulációs és Vaszkuláris Biológiai Társaság; Magyar Élettani Társaság](#)  
Budapest, Magyarország : Expert-Quality Kongresszusi és Utazási Iroda (2019) p. 17  
Közlemény:30821809 Admin láttamozott Forrás Könyvrészlet (Absztrakt / Kivonat ) Tudományos
35. [Kádár, K](#) ; [Juhász, V](#) ; [Löchli, H](#) ; [Földes, A](#) ; [Rácz, R](#) ; [Steward, M](#) ; [Den Besten, P](#) ; [Varga, G](#) ; [Zsebery, Á](#)  
[The Role of TRPM7 Channel in the Ca<sup>2+</sup> and Mg<sup>2+</sup> Homeostasis of Ameloblast Cells](#)  
JOURNAL OF DENTAL RESEARCH 98 : B Paper: 0152 (2019)  
[Teljes dokumentum](#)  
Közlemény:31323521 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos
36. [Kádár, Kristóf](#) ; [Löchli, Heike](#) ; [Juhász, Viktória](#) ; [Földes, Anna](#) ; [Steward, Martin](#) ; [DenBesten, P](#) ; [Varga, Gábor](#) ;  
[Zsebery, Ákos](#)  
[Effects of extracellular and intracellular pH changes on Ca<sup>2+</sup> homeostasis in HAT-7 ameloblast cells](#)  
CENTRAL EUROPEAN JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY / GASZTROENTEROLÓGIAI ÉS  
HEPATOLÓGIAI SZEMLE 5 : Suppl. 1. pp. 116-116. Paper: 83 , 1 p. (2019)  
[Teljes dokumentum](#)  
Közlemény:30821834 Egyeztetett Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos
37. [Zsebery, Ákos](#) ; [Jaikumpun, Pongsiri](#) ; [Ruksakiet, Kasidid](#) ; [Stercz, Balázs](#) ; [Lohinai, Zsolt](#) ; [Dobay, Orsolya](#)  
[A bikarbonát és a pH szerepe a légutak védelmében - mire tanít minket a CF?](#)  
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Budapest, Magyarország : Expert-Quality Kongresszusi és Utazási Iroda (2019) p. 21  
Közlemény:30821818 Admin láttamozott Forrás Könyvrészlet (Absztrakt / Kivonat ) Tudományos

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Közlemény:3423221 Egyeztetett Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos
39. [Dobay, Orsolya](#) ; [Laub, Krisztina](#) ; [Stercz, Balázs](#) ; [Kéri, Adrienn](#) ; [Balázs, Bernadett](#) ; [Tóthpál, Adrienn](#) ; [Kardos, Szilvia](#) ; [Jaikumpun, Pongsiri](#) ; [Ruksakiet, Kasidid](#) ; [Quinton, Paul M](#) ; [Zsebery, Ákos](#) et al.  
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Közlemény:3425444 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 52 | Független: 47 | Függő: 5 | Nem jelölt: 0 | WoS jelölt: 46 | Scopus jelölt: 51 | WoS/Scopus jelölt: 52 | DOI jelölt: 50

Folyóirat szakterülete: *Scopus - Microbiology (medical)* SJR indikátor: Q1  
Folyóirat szakterülete: *Scopus - Microbiology* SJR indikátor: Q1  
DOI: 10.3389/fmicb.2018.02245

Összes idéző: 52, Független idézők: 47, Önidézet: 5, Nem vizsgált idézők: 0

- 1.\*Gróf Ilona et al. The Effect of Sodium Bicarbonate, a Beneficial Adjuvant Molecule in Cystic Fibrosis, on Bronchial Epithelial Cells Expressing a Wild-Type or Mutant CFTR Channel. (2020) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 21 11
- 2.\*Jaikumpun Pongsiri et al. Antibacterial Effects of Bicarbonate in Media Modified to Mimic Cystic Fibrosis Sputum. (2020) INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 1661-6596 1422-0067 21 22
- 3.\*Ruksakiet Kasidid et al. Bicarbonate Evokes Reciprocal Changes in Intracellular Cyclic di-GMP and Cyclic AMP Levels in *Pseudomonas aeruginosa*. (2021) BIOLOGY-BASEL 2079-7737 10 6
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- 9.Mercer Derry K. et al. Antimicrobial Susceptibility Testing of Antimicrobial Peptides to Better Predict Efficacy. (2020) FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY 2235-2988 10
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Nyilvános idéző összesen: 18 | Független: 13 | Függő: 5 | Nem jelölt: 0 | WoS jelölt: 14 | Scopus jelölt: 12 | WoS/Scopus  
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 Nyilvános idéző összesen: 18 | Független: 12 | Független: 6 | Nem jelölt: 0 | WoS jelölt: 15 | Scopus jelölt: 15 | WoS/Scopus jelölt: 16 | DOI jelölt: 16  
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Nyilvános idéző összesen: 62 | Független: 62 | Független: 0 | Nem jelölt: 0 | WoS jelölt: 57 | Scopus jelölt: 59 | WoS/Scopus jelölt: 60 | DOI jelölt: 61

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Központi kezelésű Közlemény: 1681621 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk) Tudományos

Nyilvános idéző összesen: 12 | Független: 11 | Független: 1 | Nem jelölt: 0 | WoS jelölt: 11 | Scopus jelölt: 12 | WoS/Scopus jelölt: 12 | DOI jelölt: 12

Folyóirat szakterülete: *Scopus - Hematology* *SJR indikátor: Q1*

Folyóirat szakterülete: *Scopus - Immunology* *SJR indikátor: Q2*

Folyóirat szakterülete: *Scopus - Immunology and Allergy* *SJR indikátor: Q2*

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Közlemény:2110256 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 12 | Független: 12 | Függő: 0 | Nem jelölt: 0 | WoS jelölt: 12 | Scopus jelölt: 12 | WoS/Scopus jelölt: 12 | DOI jelölt: 12

*Folyóirat szakterülete: Scopus - Medicine (miscellaneous) SJR indikátor: Q1*

*Folyóirat szakterülete: Scopus - Physiology (medical) SJR indikátor: Q2*

*Folyóirat szakterülete: Scopus - Physiology SJR indikátor: Q2*

DOI: 10.1186/1472-6793-12-12

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Nyilvános idéző összesen: 6 | Független: 6 | Függő: 0 | Nem jelölt: 0 | WoS jelölt: 6 | Scopus jelölt: 5 | WoS/Scopus jelölt: 6 | DOI jelölt: 6

*Folyóirat szakterülete: Scopus - Physiology SJR indikátor: Q2*

DOI: 10.1159/000327967

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 Közlemény:1352425 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
 Nyilvános idéző összesen: 77 | Független: 61 | Független: 61 | Független: 16 | Nem jelölt: 0 | WoS jelölt: 67 | Scopus jelölt: 66 | WoS/Scopus jelölt: 69 | DOI jelölt: 73  
*Folyóirat szakterülete: Scopus - Gastroenterology SJR indikátor: D1*  
*Folyóirat szakterülete: Scopus - Immunology and Allergy SJR indikátor: Q1*  
 DOI: 10.1002/ibd.21432  
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Nyilvános idéző összesen: 11 | Független: 9 | Független: 2 | Nem jelölt: 0 | WoS jelölt: 9 | Scopus jelölt: 9 | WoS/Scopus jelölt: 9 | DOI jelölt: 9  
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 Nyilvános idéző összesen: 5 | Független: 5 | Független: 0 | Nem jelölt: 0 | WoS jelölt: 4 | Scopus jelölt: 4 | WoS/Scopus jelölt: 4 |  
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**Folyóirat szakterülete:** *Scopus - Medicine (miscellaneous)* **SJR indikátor:** Q3  
 DOI: 10.1007/s10354-008-0596-x

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Közlemény:1680287 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 13 | Független: 10 | Függő: 3 | Nem jelölt: 0 | WoS jelölt: 7 | Scopus jelölt: 12 | WoS/Scopus jelölt: 12 | DOI jelölt: 11

*Folyóirat szakterülete: Scopus - Urology SJR indikátor: D1*

*Folyóirat szakterülete: Scopus - Physiology SJR indikátor: Q1*

DOI: 10.1152/ajprenal.00285.2004

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Nyilvános idéző összesen: 28 | Független: 26 | Függő: 2 | Nem jelölt: 0 | WoS jelölt: 24 | Scopus jelölt: 24 | WoS/Scopus jelölt: 24 | DOI jelölt: 25

*Folyóirat szakterülete: Scopus - Cell Biology SJR indikátor: Q1*

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DOI: 10.1152/ajpcell.00280.2004

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[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
 Közlemény:1680285 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
 Nyilvános idéző összesen: 28 | Független: 23 | Független: 23 | Független: 5 | Nem jelölt: 0 | WoS jelölt: 22 | Scopus jelölt: 25 | WoS/Scopus  
 jelölt: 27 | DOI jelölt: 25  
*Folyóirat szakterülete: Scopus - Cell Biology SJR indikátor: Q1*  
*Folyóirat szakterülete: Scopus - Physiology SJR indikátor: Q1*  
 DOI: 10.1152/ajpcell.00491.2004  
 Összes idéző: 28, Független idézők: 23, Önidézet: 5, Nem vizsgált idézők: 0
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[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
 Közlemény: 1680284 Egyeztetett Forrás Idéző Folyóiratcikk (Összefoglaló cikk ) Tudományos  
 Nyilvános idéző összesen: 22 | Független: 15 | Független: 7 | Nem jelölt: 0 | WoS jelölt: 18 | Scopus jelölt: 17 | WoS/Scopus  
 jelölt: 19 | DOI jelölt: 20

*Folyóirat szakterülete: Scopus - Cell Biology SJR indikátor: Q4*  
*Folyóirat szakterülete: Scopus - Cellular and Molecular Neuroscience SJR indikátor: Q4*  
*Folyóirat szakterülete: Scopus - Molecular Biology SJR indikátor: Q4*  
 DOI: 10.1007/s11302-005-0777-7

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[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
 Közlemény:1680288 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
 Nyilvános idéző összesen: 33 | Független: 28 | Független: 5 | Nem jelölt: 0 | WoS jelölt: 28 | Scopus jelölt: 32 | WoS/Scopus jelölt: 32 | DOI jelölt: 32  
 Folyóirat szakterülete: *Scopus - Pediatrics, Perinatology and Child Health* SJR indikátor: Q3  
 Folyóirat szakterülete: *Scopus - Pulmonary and Respiratory Medicine* SJR indikátor: Q3  
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 Összes idéző: 33, Független idézők: 28, Önidezet: 5, Nem vizsgált idézők: 0
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[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
 Közlemény:154791 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos



Nyilvános idéző összesen: 82 | Független: 65 | Függő: 17 | Nem jelölt: 0 | WoS jelölt: 70 | Scopus jelölt: 71 | WoS/Scopus jelölt: 80 | DOI jelölt: 74

Folyóirat szakterülete: Scopus - Biochemistry SJR indikátor: D1

Folyóirat szakterülete: Scopus - Cell Biology SJR indikátor: D1

Folyóirat szakterülete: Scopus - Molecular Biology SJR indikátor: D1

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Közlemény:1680263 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 18 | Független: 17 | Független: 1 | Nem jelölt: 0 | WoS jelölt: 13 | Scopus jelölt: 15 | WoS/Scopus jelölt: 15 | DOI jelölt: 13

Folyóirat szakterülete: [Scopus - Cell Biology](#) [SJR indikátor: Q3](#)

Folyóirat szakterülete: [Scopus - Molecular Biology](#) [SJR indikátor: Q4](#)

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Közlemény:1680289 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk) Tudományos

Nyilvános idéző összesen: 40 | Független: 34 | Függő: 6 | Nem jelölt: 0 | WoS jelölt: 35 | Scopus jelölt: 33 | WoS/Scopus jelölt: 37 | DOI jelölt: 32

Folyóirat szakterülete: [Scopus - Cell Biology](#) [SJR indikátor: Q1](#)

Folyóirat szakterülete: [Scopus - Physiology](#) [SJR indikátor: Q1](#)

DOI: 10.1152/ajpcell.00435.2002

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Közlemény:1277242 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos

84. [Zsembergy, A](#) ; Boyce, AT ; Liang, LH ; [Peti-Peterdi, J](#) ; Bell, PD ; Schwiebert, EM  
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[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)

Közlemény:1277247 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos

Nyilvános idéző összesen: 88 | Független: 74 | Független: 14 | Nem jelölt: 0 | WoS jelölt: 77 | Scopus jelölt: 79 | WoS/Scopus jelölt: 84 | DOI jelölt: 82

Folyóirat szakterülete: *Scopus - Biochemistry* *SJR indikátor: D1*

Folyóirat szakterülete: *Scopus - Molecular Biology* *SJR indikátor: D1*

Folyóirat szakterülete: *Scopus - Cell Biology* *SJR indikátor: Q1*

DOI: 10.1074/jbc.M212277200

Összes idéző: 88, Független idézők: 74, Önidezet: 14, Nem vizsgált idézők: 0

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 Nyilvános idéző összesen: 2 | Független: 2 | Független: 2 | Nem jelölt: 0 | WoS jelölt: 2 | Scopus jelölt: 1 | WoS/Scopus jelölt: 2 |  
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 Közlemény:154792 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
 Nyilvános idéző összesen: 60 | Független: 52 | Független: 8 | Nem jelölt: 0 | WoS jelölt: 48 | Scopus jelölt: 53 | WoS/Scopus jelölt: 56 | DOI jelölt: 53



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Közlemény:1680291 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 16 | Független: 14 | Független: 2 | Nem jelölt: 0 | WoS jelölt: 8 | Scopus jelölt: 12 | WoS/Scopus

jelölt: 12 | DOI jelölt: 11

**Folyóirat szakterülete: Scopus - Physiology SJR indikátor: Q2**

Összes idéző: 16, Független idézők: 14, Önidézet: 2, Nem vizsgált idézők: 0

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Közlemény:154793 Egyeztetett Forrás Folyóiratcikk (Szakcikk) Tudományos

Nyilvános idéző összesen: 61 | Független: 53 | Függő: 8 | Nem jelölt: 0 | WoS jelölt: 50 | Scopus jelölt: 52 | WoS/Scopus jelölt: 57 | DOI jelölt: 52

**Folyóirat szakterülete: Scopus - Medicine (miscellaneous) SJR indikátor: Q2**

**Folyóirat szakterülete: Scopus - Biochemistry SJR indikátor: Q3**

**Folyóirat szakterülete: Scopus - Biotechnology SJR indikátor: Q3**

**Folyóirat szakterülete: Scopus - Genetics SJR indikátor: Q4**

**Folyóirat szakterülete: Scopus - Molecular Biology SJR indikátor: Q4**

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Közlemény:1685122 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos

Nyilvános idéző összesen: 1 | Független: 1 | Független: 0 | Nem jelölt: 0 | WoS jelölt: 1 | WoS/Scopus jelölt: 1 | DOI jelölt: 1

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 Közlemény:1680292 Egyeztetett Forrás Idéző Folyóiratcikk (Szakcikk ) Tudományos  
 Nyilvános idéző összesen: 52 | Független: 36 | Független: 16 | Nem jelölt: 0 | WoS jelölt: 46 | Scopus jelölt: 46 | WoS/Scopus



jelölt: 51 | DOI jelölt: 50

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Közlémény:1685127 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos

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Közlémény:1680296 Egyeztetett Forrás Folyóiratcikk (Összefoglaló cikk ) Tudományos

Nyilvános idéző összesen: 16 | Független: 10 | Függő: 6 | Nem jelölt: 0 | WoS jelölt: 14 | Scopus jelölt: 12 | WoS/Scopus jelölt: 14 | DOI jelölt: 10

Összes idéző: 16, Független idézők: 10, Önidézet: 6, Nem vizsgált idézők: 0

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Közlémény:1685126 Admin láttamozott Forrás Folyóiratcikk (Absztrakt / Kivonat ) Tudományos

Nyilvános idéző összesen: 4 | Független: 0 | Függő: 4 | Nem jelölt: 0 | WoS jelölt: 4 | Scopus jelölt: 4 | WoS/Scopus jelölt: 4 | DOI jelölt: 3

Összes idéző: 4, Független idézők: 0, Önidézet: 4, Nem vizsgált idézők: 0

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[DOI](#) [WoS](#) [Scopus](#) [PubMed](#)  
Közlemény:1680297 Egyeztetett Forrás Folyóiratcikk (Szakcikk ) Tudományos  
Nyilvános idéző összesen: 35 | Független: 33 | Függő: 2 | Nem jelölt: 0 | WoS jelölt: 30 | Scopus jelölt: 33 | WoS/Scopus jelölt: 35 | DOI jelölt: 26  
DOI: 10.1002/hep.1840220232  
Összes idéző: 35, Független idézők: 33, Önidézet: 2, Nem vizsgált idézők: 0
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