

# Eduard V Karamov

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

713  
citations

758635

12  
h-index

552369

26  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1029  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Global and regional molecular epidemiology of HIV-1, 1990–2015: a systematic review, global survey, and trend analysis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 143-155.   | 4.6 | 255       |
| 2  | Investigation of Human Immunodeficiency Virus Fusion Peptides. Analysis of Interrelations Between Their Structure and Function. <i>AIDS Research and Human Retroviruses</i> , 1992, 8, 9-18.  | 0.5 | 54        |
| 3  | Sequence Note: Extreme Founder Effect in an HIV Type 1 Subtype A Epidemic among Drug Users in Svetlogorsk, Belarus. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 1299-1303.  | 0.5 | 51        |
| 4  | Porous silicon nanoparticles as scavengers of hazardous viruses. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.   | 0.8 | 51        |
| 5  | EcoRI-like activity: Enzyme modification or activation of accompanying endonuclease?. <i>Gene</i> , 1978, 4, 195-212.   | 1.0 | 46        |
| 6  | Interaction of human immunodeficiency virus (HIV-1) fusion peptides with artificial lipid membranes. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 952-957.   | 1.0 | 45        |
| 7  | Inhibition of Human Immunodeficiency Virus Type 1 (HIV-1) Penetration into Target Cells by Synthetic Peptides Mimicking the N-Terminus of the HIV-1 Transmembrane Glycoprotein. <i>Virology</i> , 1993, 194, 294-301.                                     | 1.1 | 38        |
| 8  | Antiviral activity of natural humic substances and shilajit materials against HIV-1: Relation to structure. <i>Environmental Research</i> , 2021, 193, 110312.  | 3.7 | 26        |
| 9  | CD4-derived peptide and sulfated polysaccharides have similar mechanisms of anti-HIV activity based on electrostatic interactions with positively charged gp120 fragments. <i>Molecular Immunology</i> , 1993, 30, 993-1001.                              | 1.0 | 21        |
| 10 | Spectroscopic, Zeta-potential and Surface Plasmon Resonance analysis of interaction between potential anti-HIV tannins with different flexibility and human serum albumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111175.             | 2.5 | 17        |
| 11 | HIV-1 Genetic Diversity in Recently Diagnosed Infections in Moscow: Predominance of A <sub>FSU</sub> , Frequent Branching in Clusters, and Circulation of the Iberian Subtype G Variant. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 629-634. | 0.5 | 16        |
| 12 | Cationic Surfactants as Disinfectants against SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6645.  | 1.8 | 14        |
| 13 | Analysis of the genome of type 7 simian adenovirus using restrictases. <i>Nucleic Acids Research</i> , 1978, 5, 999-1012.   | 6.5 | 9         |
| 14 | The Analysis of Near Full-Length Genome Sequences of HIV Type 1 Subtype A Viruses from Russia Supports the Monophyly of Major Intrasubtype Clusters. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1340-1343.                                   | 0.5 | 9         |
| 15 | Analysis of DNA from human adenovirus type 6 with restriction endonucleases HindIII, BglIII and BamHI. <i>Nucleic Acids and Protein Synthesis</i> , 1980, 606, 214-227.   | 1.7 | 7         |
| 16 | False-positive sera do not react with human immunodeficiency virus (HIV)Gag-encoded recombinant antigen. <i>Journal of Medical Virology</i> , 1989, 27, 72-75.  | 2.5 | 6         |
| 17 | Variability Analysis of HIV-1 gp120 V3 Region: II. Hierarchy of Taxons. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997, 15, 231-241.  | 2.0 | 6         |
| 18 | Variability Analysis of HIV-1 gp120 V3 Region: I. Point Estimators for the Amino Acid Distribution Characteristics. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997, 15, 217-229.  | 2.0 | 6         |

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|----|--|-----|-----------|
| 19 | The Differential Anti-HIV Effect of a New Humic Substance-Derived Preparation in Diverse Cells of the Immune System. <i>Acta Naturae</i> , 2019, 11, 68-76.  | 1.7 | 6         |
| 20 | Antiseptic Polymer-Surfactant Complexes with Long-Lasting Activity against SARS-CoV-2. <i>Polymers</i> , 2022, 14, 2444.   | 2.0 | 5         |
| 21 | trans-Dihydroxypiperidines: Synthesis, Stereochemistry, and Anti-HIV Activity. <i>Doklady Chemistry</i> , 2003, 391, 195-199.  | 0.2 | 4         |
| 22 | Variability Analysis of HIV-1 gp120 V3 Region: III. Distinctions Between Various Sets of Peptide Fragments Derived From the Sequences Belonging to Different HIV-1 Taxons. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997, 15, 537-546.  | 2.0 | 3         |
| 23 | A New Approach to Developing Long-Acting Injectable Formulations of Anti-HIV Drugs: Poly(Ethylene Terephthalate) / Poly(D,L-Lactide) / Poly(D,L-Lactide-co-glycolide) / Poly(D,L-Lactide-co-caprolactone) / Poly(D,L-Lactide-co-trimethylene sebacate) / Poly(D,L-Lactide-co-trimethylene sebacate-co-caprolactone) / Poly(D,L-Lactide-co-trimethylene sebacate-co-caprolactone-co-trimethylene sebacate). <i>International Journal of Molecular Sciences</i> , 2021, 22, 340. | 1.8 | 3         |
| 24 | Detection by immunogold techniques of HIV antigens in ultrathin sections of infected cells. <i>Pathology Research and Practice</i> , 1989, 184, 494-497.   | 1.0 | 2         |
| 25 | Variability Analysis of HIV-1 gp120 V3 Region: IV. Distribution Functions for Intra- and Inter- Subtype Amino Acid Hamming Distances. <i>Journal of Biomolecular Structure and Dynamics</i> , 1998, 15, 877-885.   | 2.0 | 2         |
| 26 | One-parameter Discrete Model of the Genetic Diversity. <i>Journal of Biomolecular Structure and Dynamics</i> , 1998, 15, 887-894.  | 2.0 | 2         |
| 27 | Dependencies of Substitution Steps Number on Hamming Distance Are Identical For One-parameter Discrete Models of Both Direct and Parallel Genetic Diversity. <i>Journal of Biomolecular Structure and Dynamics</i> , 1998, 16, 133-138.  | 2.0 | 2         |
| 28 | Phosphoramidate conjugates of 2-azido-2-deoxythymidine glycerolipid derivatives and amino acid esters: synthesis and anti-HIV activity. <i>Medicinal Chemistry Research</i> , 2021, 30, 664-671.   | 1.1 | 2         |
| 29 | Quantitative PCR as a method for monitoring retroviral infection on the gene level. <i>Virus Genes</i> , 1995, 10, 45-51.  | 0.7 | 1         |
| 30 | Novel herpes simplex virus and human immunodeficiency virus inhibitors based on phosphonate nucleoside analogs. <i>Moscow University Chemistry Bulletin</i> , 2008, 63, 85-88.   | 0.2 | 1         |
| 31 | 102 HIV/AIDS vaccines in Russia. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 65, 39.   | 0.9 | 1         |
| 32 | Humic Acids (HA) Strongly Potentiate Anti-HIV Effects of AZT, Griffithsin, and Cyanovirin. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A204-A204.  | 0.5 | 1         |
| 33 | The Situation of HIV/M. tuberculosis Co-Infection in Russia. <i>The Open Infectious Diseases Journal</i> , 2011, 5, 36-50.   | 0.6 | 1         |
| 34 | Transformation of substrate specificity of EcoRII restrictase by glycerol. <i>Bulletin of Experimental Biology and Medicine</i> , 1977, 84, 973-975.   | 0.3 | 0         |
| 35 | Peptide mapping of human adenovirus type 6 and simian adenovirus type 7 hexon and core protein. <i>Bulletin of Experimental Biology and Medicine</i> , 1981, 91, 322-324.  | 0.3 | 0         |
| 36 | Recombinant env protein in diagnosis of AIDS. <i>Bulletin of Experimental Biology and Medicine</i> , 1988, 105, 689-691.   | 0.3 | 0         |

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|----|--|-----|-----------|
| 37 | 101â€fBiomedical Prevention of HIV/AIDS in Russia. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, 39.   | 0.9 | 0         |
| 38 | Research Priorities for HIV/M. tuberculosis Co-Infection. The Open Infectious Diseases Journal, 2011, 5, 14-20.  | 0.6 | 0         |
| 39 | Switching to dual therapy after 24 weeks of the triple therapy of HIV infection: efficacy and safety. Infectious Diseases: News, Opinions, Training, 2021, 10, 66-75.                              | 0.1 | 0         |
| 40 | Species diversity of non-tuberculous mycobacteria isolated from HIV-positive and HIV-negative patients. , 2020, , .  |     | 0         |
| 41 | Induction of M. tuberculosis (MTB) drug resistance (DR) mutations in HIV-infected hosts and pathways of further spread of the evolutionary successful drug-resistant MTB clonal lines. , 2020, , . |     | 0         |
| 42 | Comparison of susceptibility testing results of MAC isolated from HIV-positive andHIV-negative patients. , 2020, , .   |     | 0         |