# Eugenia Mileykovskaya

List of Publications by Year
in descending order



| 40 | 4,163 | 172457 | 395702 |
|---|---|---|---|
| papers | citations | 29 h-index | 33 g-index |

| 40 | 40 | 40 | 3920 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gluing the Respiratory Chain Together. Journal of Biological Chemistry, 2002, 277, 43553-43556. | 3.4 | 552 |
| 2 | Visualization of Phospholipid Domains inEscherichia coli by Using the Cardiolipin-Specific Fluorescent Dye 10-N-Nonyl Acridine Orange. Journal of Bacteriology, 2000, 182, 1172-1175. | 2.2 | 412 |
| 3 | Cardiolipin membrane domains in prokaryotes and eukaryotes. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 2084-2091. | 2.6 | 327 |
| 4 | Cardiolipin Is Essential for Organization of Complexes III and IV into a Supercomplex in Intact Yeast Mitochondria. Journal of Biological Chemistry, 2005, 280, 29403-29408. | 3.4 | 290 |
| 5 | Cardiolipin-dependent formation of mitochondrial respiratory supercomplexes. Chemistry and Physics of Lipids, 2014, 179, 42-48. | 3.2 | 208 |
| 6 | Isolation and Characterization of the Gene (CLS1 ) Encoding Cardiolipin Synthase in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 14933-14941. | 3.4 | 193 |
| 7 | Lack of Mitochondrial Anionic Phospholipids Causes an Inhibition of Translation of Protein Components of the Electron Transport Chain. Journal of Biological Chemistry, 2001, 276, 25262-25272. | 3.4 | 160 |
| 8 | Effects of Phospholipid Composition on MinD-Membrane Interactions in Vitro and in Vivo. Journal of Biological Chemistry, 2003, 278, 22193-22198. | 3.4 | 148 |
| 9 | Role of membrane lipids in bacterial division-site selection. Current Opinion in Microbiology, 2005, 8, 135-142. | 5.1 | 137 |
| 10 | Daptomycin Resistance in Enterococci Is Associated with Distinct Alterations of Cell Membrane Phospholipid Content. PLoS ONE, 2012, 7, e43958. | 2.5 | 126 |
| 11 | Cardiolipin-dependent Reconstitution of Respiratory Supercomplexes from Purified Saccharomyces cerevisiae Complexes III and IV. Journal of Biological Chemistry, 2013, 288, 401-411. | 3.4 | 124 |
| 12 | Nobiletin fortifies mitochondrial respiration in skeletal muscle to promote healthy aging against metabolic challenge. Nature Communications, 2019, 10, 3923. | 12.8 | 123 |
| 13 | Cardiolipin binds nonyl acridine orange by aggregating the dye at exposed hydrophobic domains on bilayer surfaces. FEBS Letters, 2001, 507, 187-190. | 2.8 | 122 |
| 14 | Lipids in the Assembly of Membrane Proteins and Organization of Protein Supercomplexes: Implications for Lipid-linked Disorders. Sub-Cellular Biochemistry, 2008, 49, 197-239. | 2.4 | 117 |
| 15 | Arrangement of the Respiratory Chain Complexes in Saccharomyces cerevisiae Supercomplex III2IV2 Revealed by Single Particle Cryo-Electron Microscopy. Journal of Biological Chemistry, 2012, 287, 23095-23103. | 3.4 | 112 |
| 16 | Diversity and versatility of lipidâ€“protein interactions revealed by molecular genetic approaches. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1666, 19-39. | 2.6 | 110 |
| 17 | Localization and Function of Early Cell Division Proteins in Filamentous Escherichia coli Cells Lacking Phosphatidylethanolamine. Journal of Bacteriology, 1998, 180, 4252-4257. | 2.2 | 110 |
| 18 | Cardiolipin in energy transducing membranes. Biochemistry (Moscow), 2005, 70, 154-158. | 1.5 | 81 |

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|---|---|---|---|
| 19 | Functional Taxonomy of Bacterial Hyperstructures. Microbiology and Molecular Biology Reviews, 2007, 71, 230-253. | 6.6 | 79 |
| 20 | Phosphatidic Acid and N-Acylphosphatidylethanolamine Form Membrane Domains in Escherichia coli Mutant Lacking Cardiolipin and Phosphatidylglycerol. Journal of Biological Chemistry, 2009, 284, 2990-3000. | 3.4 | 73 |
| 21 | Monoglucosyldiacylglycerol, a Foreign Lipid, Can Substitute for Phosphatidylethanolamine in Essential Membrane-associated Functions in Escherichia coli. Journal of Biological Chemistry, 2004, 279, 10484-10493. | 3.4 | 68 |
| 22 | Toward a Hyperstructure Taxonomy. Annual Review of Microbiology, 2007, 61, 309-329. | 7.3 | 63 |
| 23 | Adenine Nucleotide-dependent Regulation of Assembly of Bacterial Tubulin-like FtsZ by a Hypermorph of Bacterial Actin-like FtsA*. Journal of Biological Chemistry, 2009, 284, 14079-14086. | 3.4 | 53 |
| 24 | The membrane: transertion as an organizing principle in membrane heterogeneity. Frontiers in Microbiology, 2015, 6, 572. | 3.5 | 52 |
| 25 | Functional roles of lipids in membranes. , 2008, , 1-37. | | 51 |
| 26 | Altered Lipid Synthesis by Lack of Yeast Pah1 Phosphatidate Phosphatase Reduces Chronological Life Span. Journal of Biological Chemistry, 2015, 290, 25382-25394. | 3.4 | 47 |
| 27 | Cardiolipin Is Not Required to Maintain Mitochondrial DNA Stability or Cell Viability for Saccharomyces cerevisiae Grown at Elevated Temperatures. Journal of Biological Chemistry, 2003, 278, 35204-35210. | 3.4 | 36 |
| 28 | Subcellular localization ofEscherichia coliosmosensory transporter ProP: focus on cardiolipin membrane domains. Molecular Microbiology, 2007, 64, 1419-1422. | 2.5 | 35 |
| 29 | N-acylated Peptides Derived from Human Lactoferricin Perturb Organization of Cardiolipin and Phosphatidylethanolamine in Cell Membranes and Induce Defects in Escherichia coli Cell Division. PLoS ONE, 2014, 9, e90228. | 2.5 | 35 |
| 30 | A hypothesis to explain division site selection inEscherichia coliby combining nucleoid occlusion and Min. FEBS Letters, 2004, 561, 3-10. | 2.8 | 34 |
| 31 | Mutual effects of MinDâ€“membrane interaction: I. Changes in the membrane properties induced by MinD binding. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2496-2504. | 2.6 | 25 |
| 32 | Mutual effects of MinD-membrane interaction: II. Domain structure of the membrane enhances MinD binding. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2505-2511. | 2.6 | 20 |
| 33 | Cardiolipin Synthesis in Skeletal Muscle Is Rhythmic and Modifiable by Age and Diet. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12. | 4.0 | 16 |
| 34 | Nobiletin: Targeting the Circadian Network to Promote Bioenergetics and Healthy Aging. Biochemistry (Moscow), 2020, 85, 1554-1559. | 1.5 | 10 |
| 35 | Functional Roles of Lipids in Membranes. , 2016, , 1-40. | | 8 |
| 36 | Functional Roles of Individual Membrane Phospholipids in Escherichia coli and Saccharomyces cerevisiae. , 2017, , 1-22. | | 3 |

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|---|---|---|---|
| 37 | Role of Cardiolipin in Mitochondrial Supercomplex Assembly. , 2015, , 81-106. | | 3 |
| 38 | Functional Roles of Individual Membrane Phospholipids in Escherichia coli and Saccharomyces cerevisiae. , 2019, , 553-574. | | 0 |
| 39 | Use of NAO to study the content and organization of cardiolipin (CL) in membranes. FASEB Journal, 2006, 20, A952. | 0.5 | 0 |
| 40 | Electron microscopic structural analysis of mitochondrial supercomplex III 2 IV 2. FASEB Journal, 2007, 21, A612. | 0.5 | 0 |