# Maria S Muntyan

List of Publications by Year
in descending order



| 37 | 887 | 759190 12 | 477281 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 38 | 38 | 38 | 1108 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sodium Energetic Cycle in the Natronophilic Bacterium Thioalkalivibrio versutus. International Journal of Molecular Sciences, 2022, 23, 1965. | 4.1 | 2 |
| 2 | Identification of Na+-Pumping Cytochrome Oxidase in the Membranes of Extremely Alkaliphilic Thioalkalivibrio Bacteria. Biochemistry (Moscow), 2020, 85, 1631-1639. | 1.5 | 1 |
| 3 | Ð˜ÐµÐ½Ñ‚Ð¸Ñ„Ð¸ÐºÐ°Ñ†Ð¸Ñ•Na+-Ð¿ÐµÑ€ÐµÐºÐ°Ñ‡Ð¸Ð²Ð°ÑŽÑ‰Ð¸Ñ… Ñ†Ð¸Ñ‚Ð¾Ñ…Ñ€Ð¾Ð¼Ð¾Ð²Ð¾Ð¹ Ð¾ÐºÑ Ð¸Ð´Ð°Ð·Ñ‹ Ð² Ð¼ÐµÐ¼Ð±Ñ€Ð°Ð½Ð°Ñ… Ð¾Ñ‡ÐµÐ½ÑŒ Ñ‰ÐµÐ»Ð¾Ñ‡Ð½Ñ‹Ñ… Ñ‚Ð¸Ð¾Ð°Ð»ÐºÐ°Ð»Ð¸Ð²Ð¸Ð±Ñ€Ð¸Ð¾Ð½Ð¾Ð². Ð‘Ð¸Ð¾Ñ…Ð¸Ð¼Ð¸Ñ, 2020, 85, 1631-1639. | 1.5 | 1 |
| 4 | NEW HORIZONS OF SODIUM ENERGETICS. , 2020, , . | | 0 |
| 5 | Therapeutic Effect of the Mitochondria-Targeted Antioxidant SkQ1 on the Culture Model of Multiple Sclerosis. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10. | 4.0 | 14 |
| 6 | Coding palindromes in mitochondrial genes of Nematomorpha. Nucleic Acids Research, 2019, 47, 6858-6870. | 14.5 | 8 |
| 7 | Phenotypic and Genomic Properties of a Novel Deep-Lineage Haloalkaliphilic Member of the Phylum Balneolaeota From Soda Lakes Possessing Na+-Translocating Proteorhodopsin. Frontiers in Microbiology, 2018, 9, 2672. | 3.5 | 29 |
| 8 | Respiratory Pathways Reconstructed by Multi-Omics Analysis in Melioribacter roseus, Residing in a Deep Thermal Aquifer of the West-Siberian Megabasin. Frontiers in Microbiology, 2017, 8, 1228. | 3.5 | 13 |
| 9 | Mitochondria-targeted Antioxidants as a Prospective Therapeutic Strategy for Multiple Sclerosis. Current Medicinal Chemistry, 2017, 24, 2086-2114. | 2.4 | 37 |
| 10 | Mitochondrial Genomes of Kinorhyncha: trnM Duplication and New Gene Orders within Animals. PLoS ONE, 2016, 11, e0165072. | 2.5 | 8 |
| 11 | Cytochrome cbb3 of Thioalkalivibrio is a Na+-pumping cytochrome oxidase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7695-7700. | 7.1 | 28 |
| 12 | Adaptive strategies in the double-extremophilic prokaryotes inhabiting soda lakes. Current Opinion in Microbiology, 2015, 25, 73-79. | 5.1 | 71 |
| 13 | Halophilic and Haloalkaliphilic Sulfur-Oxidizing Bacteria. , 2013, , 529-554. | | 29 |
| 14 | Evaluation of the electrical potential on the membrane of the extremely alkaliphilic bacterium Thioalkalivibrio. Biochemistry (Moscow), 2012, 77, 917-924. | 1.5 | 6 |
| 15 | Thioalkalivibrio sulfidiphilus sp. nov., a haloalkaliphilic, sulfur-oxidizing gammaproteobacterium from alkaline habitats. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1884-1889. | 1.7 | 83 |
| 16 | Influence of salts and pH on growth and activity of a novel facultatively alkaliphilic, extremely salt-tolerant, obligately chemolithoautotrophic sufur-oxidizing Gammaproteobacterium Thioalkalibacter halophilus gen. nov., sp. nov. from South-Western Siberian soda lakes. Extremophiles, 2008, 12, 391-404. | 2.3 | 57 |
| 17 | Study of redox potential in cytochrome c covalently bound to terminal oxidase of alkaliphilic Bacillus pseudofirmus FTU. Biochemistry (Moscow), 2008, 73, 107-111. | 1.5 | 11 |
| 18 | Mitochondria-targeted plastoquinone derivatives as tools to interrupt execution of the aging program. 1. Cationic plastoquinone derivatives: Synthesis and in vitro studies. Biochemistry (Moscow), 2008, 73, 1273-1287. | 1.5 | 267 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Regulation of Metabolic and Electron Transport Pathways in the Freshwater Bacterium Beggiatoa leptomitiformis D-402. Microbiology, 2005, 74, 388-394. | 1.2 | 6 |
| 20 | Energetics of alkalophilic representatives of the genus Bacillus. Biochemistry (Moscow), 2005, 70, 137-142. | 1.5 | 10 |
| 21 | Uncoupling Effect of Fatty Acids in Halo- and Alkalotolerant Bacterium Bacillus pseudofirmus FTU. Biochemistry (Moscow), 2004, 69, 1165-1169. | 1.5 | 1 |
| 22 | Ion transport coupled to terminal oxidase functioning in the extremely alkaliphilic halotolerant bacterium Thioalkalivibrio. Biochemistry (Moscow), 2003, 68, 385-390. | 1.5 | 8 |
| 23 | Effect of Growth Conditions on the Synthesis of Terminal Oxidases in Methylobacillus flagellatus KT. Archives of Biochemistry and Biophysics, 2002, 398, 118-124. | 3.0 | 7 |
| 24 | Molecular identification of alkaliphilic and halotolerant strain Bacillus sp. FTU as Bacillus pseudofirmus FTU. Extremophiles, 2002, 6, 195-199. | 2.3 | 7 |
| 25 | Title is missing!. Microbiology, 2001, 70, 145-150. | 1.2 | 9 |
| 26 | Transfer of Cationic Antibacterial Agents Berberine, Palmatine, and Benzalkonium Through Bimolecular Planar Phospholipid Film and Staphylococcus aureus Membrane. IUBMB Life, 2001, 52, 321-324. | 3.4 | 64 |
| 27 | Lithoautotrophic growth of the freshwater strain Beggiatoa D-402 and energy conservation in a homogeneous culture under microoxic conditions. FEMS Microbiology Letters, 2001, 204, 341-345. | 1.8 | 26 |
| 28 | Lithoautotrophic growth of the freshwater strain Beggiatoa D-402 and energy conservation in a homogeneous culture under microoxic conditions. FEMS Microbiology Letters, 2001, 204, 341-345. | 1.8 | 2 |
| 29 | Antibacterial agents berberine, palmatine and benzalkonium are cationic penetrants for model and bacterial membranes. Biochemical Society Transactions, 2000, 28, A394-A394. | 3.4 | 1 |
| 30 | Lithoheterotrophic growth and electron transfer chain components of the filamentous gliding bacteriumLeucothrix mucorDSM 2157 during oxidation of sulfur compounds. FEMS Microbiology Letters, 1999, 178, 155-161. | 1.8 | 25 |
| 31 | Role of copper during carbon monoxide binding to terminal oxidases. FEBS Letters, 1998, 429, 216-220. | 2.8 | 5 |
| 32 | Terminal Oxidases of the bb- and caa3-Types in Bacillus Sp. FTU. Biochemical and Biophysical Research Communications, 1995, 207, 55-61. | 2.1 | 7 |
| 33 | Two o-Type Oxidases in Methylobacillus flagellatum KT. Biochemical and Biophysical Research Communications, 1994, 204, 428-435. | 2.1 | 7 |
| 34 | Kinetics of CO binding to putative Na+-motive oxidases of theo-type fromBacillus FTUand of thed-type fromEscherichia coli. FEBS Letters, 1993, 327, 347-350. | 2.8 | 14 |
| 35 | Kinetics of CO binding to H+-motive oxidases of thecaa3-type fromBacillus FTUand of theo-type fromEscherichia coli. FEBS Letters, 1993, 327, 351-354. | 2.8 | 9 |
| 36 | Two types of terminal oxidase in alkalotolerant Bacillus FTU. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1143, 142-146. | 1.0 | 9 |

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|---|---|---|---|
| 37 | The F1-type ATPase in anaerobic Lactobacillus casei. Biochimica Et Biophysica Acta - Bioenergetics, 1990, 1016, 371-377. | 1.0 | 6 |