# Katsumi Matsuura

List of Publications by Year
in descending order



| 103 | 3,197 | 126907 | 168389 |
|---|---|---|---|
| papers | citations | 33 h-index | 53 g-index |

| 105 | 105 | 105 | 1798 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Symbiotic Growth of a Thermophilic Sulfide-Oxidizing Photoautotroph and an Elemental Sulfur-Disproportionating Chemolithoautotroph and Cooperative Dissimilatory Oxidation of Sulfide to Sulfate. Frontiers in Microbiology, 2019, 10, 1150. | 3.5 | 9 |
| 2 | Nitrogenase Activity in Thermophilic Chemolithoautotrophic Bacteria in the Phylum <i>Aquificae</i> Isolated under Nitrogen-Fixing Conditions from Nakabusa Hot Springs. Microbes and Environments, 2018, 33, 394-401. | 1.6 | 21 |
| 3 | Phylogenetic Diversity of Nitrogenase Reductase Genes and Possible Nitrogen-Fixing Bacteria in Thermophilic Chemosynthetic Microbial Communities in Nakabusa Hot Springs. Microbes and Environments, 2018, 33, 357-365. | 1.6 | 25 |
| 4 | Increase of Salt Tolerance in Carbon-Starved Cells of Rhodopseudomonas palustris Depending on Photosynthesis or Respiration. Microorganisms, 2018, 6, 4. | 3.6 | 6 |
| 5 | Different Metabolomic Responses to Carbon Starvation between Light and Dark Conditions in the Purple Photosynthetic Bacterium, <i>Rhodopseudomonas palustris</i>. Microbes and Environments, 2018, 33, 83-88. | 1.6 | 6 |
| 6 | Nitrogen Fixation in Thermophilic Chemosynthetic Microbial Communities Depending on Hydrogen, Sulfate, and Carbon Dioxide. Microbes and Environments, 2018, 33, 10-18. | 1.6 | 30 |
| 7 | Phylogenetically Diverse Aerobic Anoxygenic Phototrophic Bacteria Isolated from Epilithic Biofilms in Tama River, Japan. Microbes and Environments, 2016, 31, 299-306. | 1.6 | 23 |
| 8 | Gliding motility driven by individual cell-surface movements in a multicellular filamentous bacteriumChloroflexus aggregans. FEMS Microbiology Letters, 2016, 363, fnw056. | 1.8 | 11 |
| 9 | Evidence that Altered Cis Element Spacing Affects PpsR Mediated Redox Control of Photosynthesis Gene Expression in Rubrivivax gelatinosus. PLoS ONE, 2015, 10, e0128446. | 2.5 | 6 |
| 10 | Secreted protease mediates interspecies interaction and promotes cell aggregation of the photosynthetic bacterium Chloroflexus aggregans. FEMS Microbiology Letters, 2015, 362, 1-5. | 1.8 | 7 |
| 11 | Differences in Survivability under Starvation Conditions Among Four Species of Purple Nonsulfur Phototrophic Bacteria. Microbes and Environments, 2014, 29, 326-328. | 1.6 | 9 |
| 12 | Production and Consumption of Hydrogen in Hot Spring Microbial Mats Dominated by a Filamentous Anoxygenic Photosynthetic Bacterium. Microbes and Environments, 2012, 27, 293-299. | 1.6 | 67 |
| 13 | Diversification of Bacterial Community Composition along a Temperature Gradient at a Thermal Spring. Microbes and Environments, 2012, 27, 374-381. | 1.6 | 87 |
| 14 | Diversity of Purple Phototrophic Bacteria, Inferred from pufM Gene, within Epilithic Biofilm in Tama River, Japan. Microbes and Environments, 2012, 27, 327-329. | 1.6 | 11 |
| 15 | Sulfur-metabolizing bacterial populations in microbial mats of the Nakabusa hot spring, Japan. Systematic and Applied Microbiology, 2011, 34, 293-302. | 2.8 | 84 |
| 16 | A novel and mild isolation procedure of chlorosomes from the green sulfur bacterium Chlorobaculum tepidum. Photosynthesis Research, 2011, 108, 183-190. | 2.9 | 1 |
| 17 | Cytochrome c<sub>4</sub> Can Be Involved in the Photosynthetic Electron Transfer System in the Purple Bacterium Rubrivivax gelatinosus. Biochemistry, 2009, 48, 9132-9139. | 2.5 | 13 |
| 18 | Characterization of a blue-copper protein, auracyanin, of the filamentous anoxygenic phototrophic bacterium Roseiflexus castenholzii. Archives of Biochemistry and Biophysics, 2009, 490, 57-62. | 3.0 | 14 |

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|---|---|---|---|
| 19 | Professor Ken-ichiro Takamiya (1943â€“2005): gentleman and a scientist, a superb experimentalist and a visionary. Photosynthesis Research, 2008, 97, 115-119. | 2.9 | 1 |
| 20 | A New Membrane-bound Cytochrome c Works as an Electron Donor to the Photosynthetic Reaction Center Complex in the Purple Bacterium, Rhodovulum sulfidophilum. Journal of Biological Chemistry, 2007, 282, 6463-6472. | 3.4 | 7 |
| 21 | Spectroscopic Studies on Self-aggregation of Bacteriochlorophyll-e in Nonpolar Organic Solvents: Effects of Stereoisomeric Configuration at the 31-Position and Alkyl Substituents at the 81-PositionÂ¶. Photochemistry and Photobiology, 2007, 74, 72-80. | 2.5 | 1 |
| 22 | Structural and Spectroscopic Properties of a Reaction Center Complex from the Chlorosome-Lacking Filamentous Anoxygenic Phototrophic Bacterium Roseiflexus castenholzii. Journal of Bacteriology, 2005, 187, 1702-1709. | 2.2 | 56 |
| 23 | Structural and Functional Characterization of the Unusual Triheme Cytochrome Bound to the Reaction Center of Rhodovulum sulfidophilum. Journal of Biological Chemistry, 2004, 279, 26090-26097. | 3.4 | 23 |
| 24 | Phylogenetic Distribution of Unusual Triheme to Tetraheme Cytochrome Subunit in the Reaction Center Complex of Purple Photosynthetic Bacteria. Photosynthesis Research, 2004, 79, 83-91. | 2.9 | 38 |
| 25 | Chimeric Photosynthetic Reaction Center Complex of Purple Bacteria Composed of the Core Subunits of Rubrivivax gelatinosus and the Cytochrome Subunit of Blastochloris viridis. Journal of Biological Chemistry, 2003, 278, 3921-3928. | 3.4 | 15 |
| 26 | Antenna Complexes from Green Photosynthetic Bacteria. Advances in Photosynthesis and Respiration, 2003, , 195-217. | 1.0 | 109 |
| 27 | Roseiflexus castenholzii gen. nov., sp. nov., a thermophilic, filamentous, photosynthetic bacterium that lacks chlorosomes.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 187-193. | 1.7 | 340 |
| 28 | Mutational Analyses of the Photosynthetic Reaction Center-Bound Triheme Cytochrome Subunit and Cytochrome c2 in the Purple Bacterium Rhodovulum sulfidophilum. Biochemistry, 2002, 41, 11211-11217. | 2.5 | 13 |
| 29 | High-Potential Ironâ^'Sulfur Protein (HiPIP) Is the Major Electron Donor to the Reaction Center Complex in Photosynthetically Growing Cells of the Purple Bacterium Rubrivivax gelatinosus. Biochemistry, 2002, 41, 14028-14032. | 2.5 | 21 |
| 30 | Active and energy-dependent rapid formation of cell aggregates in the thermophilic photosynthetic bacteriumChloroflexus aggregans. FEMS Microbiology Letters, 2002, 208, 275-279. | 1.8 | 13 |
| 31 | Transcription of three sets of genes coding for the core light-harvesting proteins in the purple sulfur bacterium, Allochromatium vinosum. Photosynthesis Research, 2002, 74, 269-280. | 2.9 | 10 |
| 32 | In vitro and in vivo electron transfer to the triheme cytochrome subunit bound to the photosynthetic reaction center complex in the purple bacterium Rhodovulum sulfidophilum. Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1506, 23-30. | 1.0 | 10 |
| 33 | Horizontal Transfer of the Photosynthesis Gene Cluster and Operon Rearrangement in Purple Bacteria. Journal of Molecular Evolution, 2001, 52, 333-341. | 1.8 | 132 |
| 34 | Different Mechanisms of the Binding of Soluble Electron Donors to the Photosynthetic Reaction Center ofRubrivivax gelatinosus and Blastochloris viridis. Journal of Biological Chemistry, 2001, 276, 24108-24112. | 3.4 | 9 |
| 35 | Absence of Carotenes and Presence of a Tertiary Methoxy Group in a Carotenoid from a Thermophilic Filamentous Photosynthetic Bacterium Roseiflexus castenholzii. Plant and Cell Physiology, 2001, 42, 1355-1362. | 3.1 | 28 |
| 36 | Phytoene Desaturase, CrtI, of the Purple Photosynthetic Bacterium, Rubrivivax gelatinosus, Produces both Neurosporene and Lycopene. Plant and Cell Physiology, 2001, 42, 1112-1118. | 3.1 | 47 |

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| 37 | Transcriptional Control of Expression of Genes for Photosynthetic Reaction Center and Light-Harvesting Proteins in the Purple Bacterium Rhodovulum sulfidophilum. Journal of Bacteriology, 2000, 182, 2778-2786. | 2.2 | 17 |
| 38 | Quenching of Bacteriochlorophyll Fluorescence in Chlorosomes from Chloroflexus aurantiacus by Exogenous Quinones Â¶. Photochemistry and Photobiology, 2000, 72, 345-350. | 2.5 | 1 |
| 39 | Quenching of Bacteriochlorophyll Fluorescence in Chlorosomes from Chloroflexus aurantiacus by Exogenous QuinonesÂ¶. Photochemistry and Photobiology, 2000, 72, 345. | 2.5 | 15 |
| 40 | The Photo-Oxidation of Low-Potential Hemes in the Tetraheme Cytochrome Subunit of the Reaction Center in Whole Cells of Blastochloris viridis. Plant and Cell Physiology, 1999, 40, 192-197. | 3.1 | 6 |
| 41 | A New Cytochrome Subunit Bound to the Photosynthetic Reaction Center in the Purple Bacterium, Rhodovulum sulfidophilum. Journal of Biological Chemistry, 1999, 274, 10795-10801. | 3.4 | 41 |
| 42 | Genes encoding light-harvesting and reaction center proteins from Chromatium vinosum. Photosynthesis Research, 1999, 59, 39-52. | 2.9 | 15 |
| 43 | Pheophytinization of bacteriochlorophyll c and energy transfer in cells of Chlorobium tepidum. Archives of Microbiology, 1999, 172, 40-44. | 2.2 | 6 |
| 44 | Comparison of the Binding Sites for High-Potential Ironâ^'Sulfur Protein and Cytochromecon the Tetraheme Cytochrome Subunit Bound to the Bacterial Photosynthetic Reaction Centerâ€. Biochemistry, 1999, 38, 15779-15790. | 2.5 | 23 |
| 45 | Oxygen uncouples light absorption by the chlorosome antenna and photosynthetic electron transfer in the green sulfur bacterium Chlorobium tepidum. Biochimica Et Biophysica Acta - Bioenergetics, 1999, 1412, 108-117. | 1.0 | 27 |
| 46 | Association of bacteriochlorophyll a with the CsmA protein in chlorosomes of the photosynthetic green filamentous bacterium Chloroflexus aurantiacus. Biochimica Et Biophysica Acta - Bioenergetics, 1999, 1413, 172-180. | 1.0 | 57 |
| 47 | Exogenous quinones inhibit photosynthetic electron transfer in Chloroflexus aurantiacus by specific quenching of the excited bacteriochlorophyll c antenna. Biochimica Et Biophysica Acta - Bioenergetics, 1999, 1413, 108-116. | 1.0 | 36 |
| 48 | Dark Aerobic Growth Conditions Induce the Synthesis of a High Midpoint Potential Cytochromec8in the Photosynthetic BacteriumRubrivivax gelatinosus. Biochemistry, 1999, 38, 15238-15244. | 2.5 | 24 |
| 49 | Interaction Site for High-Potential Ironâ^'Sulfur Protein on the Tetraheme Cytochrome Subunit Bound to the Photosynthetic Reaction Center of Rubrivivax gelatinosus. Biochemistry, 1999, 38, 2861-2865. | 2.5 | 25 |
| 50 | Aquisition, Diversification, and Loss of Photosynthesis and Speciation of Bacteria.. Microbes and Environments, 1999, 14, 37-40. | 1.6 | 0 |
| 51 | Structural and Functional Analyses of Photosynthetic Regulatory Genes regA and regB from Rhodovulum sulfidophilum , Roseobacter denitrificans , and Rhodobacter capsulatus. Journal of Bacteriology, 1999, 181, 4205-4215. | 2.2 | 53 |
| 52 | Genes Encoding Light-Harvesting, Reaction Center, and Cytochrome Biogenesis Proteins in Chromatium Vinosum. , 1999, , 165-168. | | 0 |
| 53 | Title is missing!. Photosynthesis Research, 1998, 55, 349-355. | 2.9 | 12 |
| 54 | Title is missing!. Photosynthesis Research, 1998, 58, 81-90. | 2.9 | 41 |

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| 55 | Interaction Site for Soluble Cytochromes on the Tetraheme Cytochrome Subunit Bound to the Bacterial Photosynthetic Reaction Center Mapped by Site-Directed Mutagenesisâ€. Biochemistry, 1998, 37, 11732-11744. | 2.5 | 37 |
| 56 | Microbes in Hydrothermal Environments. Photosynthetic Bacteria in High Temperature Environment and the Evolution of Photosynthesis.. Microbes and Environments, 1998, 13, 269-275. | 1.6 | 1 |
| 57 | The Natural Defection of Two Hemes in the Tetraheme Cytochrome Subunit Bound to the Photosynthetic Reaction Center Complex in Purple Bacterium Rhodovulum Sulfidophilum. , 1998, , 897-900. | | 1 |
| 58 | Quenching of Energy Transfer in Chlorosomes from Chloroflexus by the Addition of Synthetic Quinones. , 1998, , 157-160. | | 2 |
| 59 | Characterization of Photosynthetic Regulatory Genes, regA and regB: Studies among Different Species. , 1998, , 2881-2884. | | 1 |
| 60 | Electron transfer from high-potential iron-sulfur protein and low-potential cytochrome c-551 to the primary donor of Rubrivivax gelatinosus reaction center mutationally devoid of the bound cytochrome subunit. Biochimica Et Biophysica Acta - Bioenergetics, 1997, 1321, 93-99. | 1.0 | 15 |
| 61 | Changes in Bacteriochlorophyll c Organization during Acid Treatment of Chlorosomes from Chlorobium tepidum. Photochemistry and Photobiology, 1997, 65, 129-134. | 2.5 | 47 |
| 62 | Horizontal transfer of genes coding for the photosynthetic reaction centers of purple bacteria. Journal of Molecular Evolution, 1997, 45, 131-136. | 1.8 | 142 |
| 63 | Quinones in chlorosomes of green sulfur bacteria and their role in the redox-dependent fluorescence studied in chlorosome-like bacteriochlorophyll c aggregates. Archives of Microbiology, 1997, 167, 343-349. | 2.2 | 123 |
| 64 | Shortcut of the photosynthetic electron transfer in a mutant lacking the reaction center-bound cytochrome subunit by gene disruption in a purple bacterium,Rubrivivax gelatinosus. FEBS Letters, 1996, 385, 209-213. | 2.8 | 24 |
| 65 | The structure of the aggregate form of bacteriochlorophyll c showing the Qy absorption above 740 nm: a 1H-NMR study. Chemical Physics Letters, 1996, 260, 153-158. | 2.6 | 25 |
| 66 | The nucleotide sequence of the puf operon from the purple photosynthetic bacterium, Rhodospirillum molischianum: Comparative analyses of light-harvesting proteins and the cytochrome subunits associated with the reaction centers. Photosynthesis Research, 1996, 50, 61-70. | 2.9 | 14 |
| 67 | Excitation energy transfer in the green photosynthetic bacterium Chloroflexus aurantiacus: A specific effect of 1-hexanol on the optical properties of baseplate and energy transfer processes. Photosynthesis Research, 1996, 48, 263-270. | 2.9 | 21 |
| 68 | A Monocyclic Carotenoid Glucoside Ester is a Major Carotenoid in the Green Filamentous Bacterium Chloroflexus aurantiacus. Plant and Cell Physiology, 1995, 36, 773-778. | 3.1 | 47 |
| 69 | Isolation of Chloroflexus aurantiacus and related thermophilic phototrophic bacteria from Japanese hot springs using an improved isolation procedure.. Journal of General and Applied Microbiology, 1995, 41, 119-130. | 0.7 | 59 |
| 70 | Membrane-Bound c-Type Cytochromes in Heliobacillus mobilis. In Vivo Study of the Hemes Involved in Electron Donation to the Photosynthetic Reaction Center. Biochemistry, 1995, 34, 11831-11839. | 2.5 | 28 |
| 71 | Stabilization of a semiquinone radical at the high-affinity quinone-binding site (QH) of theEscherichia coli bo-type ubiquinol oxidase. FEBS Letters, 1995, 374, 265-269. | 2.8 | 63 |
| 72 | Phylogenetic Analysis of Photosynthetic Reaction Centers of Purple Bacteria and Green Filamentous Bacteria. , 1995, , 975-978. | | 8 |

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| 73 | Effects of Inactivation of Genes Coding for the Reaction Center-Bound Cytochrome Subunit on Growth and Electron Transfer in Purple Photosynthetic Bacterium, Rubrivivax Gelatinosus. , 1995, , 1577-1580. | | 1 |
| 74 | Photo-oxidation of membrane-bound and soluble cytochromec in the green sulfur bacteriumChlorobium tepidum. Photosynthesis Research, 1994, 41, 125-134. | 2.9 | 33 |
| 75 | Molecular organization of bacteriochlorophyll in chlorosomes of the green photosynthetic bacteriumChloroflexus aurantiacus: Studies of fluorescence depolarization accompanied by energy transfer processes. Photosynthesis Research, 1994, 41, 181-191. | 2.9 | 34 |
| 76 | Comparative and evolutionary aspects of the photosynthetic electron transfer system of purple bacteria. Journal of Plant Research, 1994, 107, 191-200. | 2.4 | 18 |
| 77 | Energy migration in allophycocyanin-B trimer with a linker polypeptide: Analysis by the principal multi-component spectral estimation (PMSE) method. FEBS Letters, 1994, 353, 43-47. | 2.8 | 11 |
| 78 | Phylogenetic analysis of photosynthetic genes of Rhodocyclus gelatinosus: Possibility of horizontal gene transfer in purple bacteria. Photosynthesis Research, 1993, 36, 185-191. | 2.9 | 38 |
| 79 | SPECTRAL FORMS AND ORIENTATION OF BACTERIOCHLOROPHYLLS c AND Î± IN CHLOROSOMES OF THE GREEN PHOTOSYNTHETIC BACTERIUM Chloroflexus aurantiacus. Photochemistry and Photobiology, 1993, 57, 92-97. | 2.5 | 91 |
| 80 | Electrochromic spectral band shift of carotenoids in the photosynthetic membranes of Rhodospirillum molischianum and Rhodospirillum photometricum. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1140, 293-296. | 1.0 | 12 |
| 81 | Photo-oxidation of reaction center-bound cytochrome c and generation of membrane potential determined by carotenoid band shift in the purple photosynthetic bacterium, Rhodospirillum molischianum. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1140, 297-303. | 1.0 | 14 |
| 82 | High degree of organization of bacteriochlorophyll c in chlorosome-like aggregates spontaneously assembled in aqueous solution. Biochimica Et Biophysica Acta - Bioenergetics, 1992, 1099, 271-274. | 1.0 | 79 |
| 83 | Reversible conversion of aggregated bacteriochlorophyll c to the monomeric form by 1-hexanol in chlorosomes from Chlorobium and Chloroflexus. Biochimica Et Biophysica Acta - Bioenergetics, 1990, 1019, 233-238. | 1.0 | 53 |
| 84 | Evolutionary Relationships between Reaction Center Complexes with and without Cytochrome c Subunits in Purple Bacteria. , 1990, , 193-196. | | 21 |
| 85 | Involvement of cytochromebc1complex and cytochromec2in the electron-transfer pathway for NO reduction in a photodenitrifier,Rhodobacter sphaeroidesf.s.denitrificans. FEBS Letters, 1989, 244, 81-84. | 2.8 | 20 |
| 86 | Involvement of cytochromebc1complex in the electron transfer pathway for N2O reduction in a photodenitrifier,Rhodobacter sphaeroidesf. s.denitrificans. FEBS Letters, 1989, 251, 104-108. | 2.8 | 19 |
| 87 | Changes in the content of pigment-protein complexes in Rhodobacter sphaeroides forma sp. denitrificans grown under photosynthetic and photo-denitrifying conditions. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 936, 332-338. | 1.0 | 6 |
| 88 | Reaction center-B870 pigment protein complexes with bound cytochromes c-555 and c-551 from Rhodocyclus gelatinosus. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 933, 399-405. | 1.0 | 47 |
| 89 | Direct and indirect electron transfer from cytochromescandc2to the photosynthetic reaction center in pigment-protein complexes isolated fromRhodocyclus gelatinosus. FEBS Letters, 1988, 237, 21-25. | 2.8 | 34 |
| 90 | Heterogeneous Pools of Cytochrome c2 in Photo-Denitrifying Cells of Rhodobacter sphaeroides forma sp. denitrificans. Journal of Biochemistry, 1988, 104, 1016-1020. | 1.7 | 7 |

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| 91 | Cytochromes functionally associated to photochemical reaction centers in Rhodopseudomonas palustris and Rhodopseudomonas acidophila. Biochimica Et Biophysica Acta - Bioenergetics, 1986, 852, 9-18. | 1.0 | 38 |
| 92 | Electrical potential changes in the surface and the central region of chromatophore membranes of photosynthetic bacteria detected by the absorbance changes of ethidium and carotenoid. Biochimica Et Biophysica Acta - Bioenergetics, 1986, 849, 141-149. | 1.0 | 2 |
| 93 | [27] Construction of the photosynthetic reaction centerâ€”mitochondrial ubiquinolâ€”cytochrome-c oxidoreductase hybrid system. Methods in Enzymology, 1986, , 293-305. | 1.0 | 14 |
| 94 | Comparison between Electron Transfers through Plastocyanin in Spinach Chloroplasts and Cytocbrome C2 in Rhodopseudomonas sphaeroides. Plant and Cell Physiology, 1985, 26, 1057-1065. | 3.1 | 6 |
| 95 | Assignment of ESR signals of Escherichia coli terminal oxidase complexes. Biochimica Et Biophysica Acta - Bioenergetics, 1985, 810, 62-72. | 1.0 | 58 |
| 96 | Isolation of an Mn-carrying 33-kDa protein from an oxygen-evolving photosystem-II preparation by phase partitioning with butanol. FEBS Letters, 1984, 175, 429-432. | 2.8 | 49 |
| 97 | The recognition and redox properties of a component, possibly a quinone, which determines electron transfer rate in ubiquinone-cytochrome c oxidoreductase of mitochondria. FEBS Letters, 1981, 131, 17-22. | 2.8 | 28 |
| 98 | Membrane-potential- and surface-potential-induced absorbance changes of merocyanine dyes added to chromatophores from Rhodopseudomonas sphaeroides. Biochimica Et Biophysica Acta - Bioenergetics, 1981, 638, 108-115. | 1.0 | 14 |
| 99 | Surface Potential Dependence of the Distribution of Charged Dye Molecules onto Photosynthetic Membranes. Journal of Biochemistry, 1981, 89, 397-405. | 1.7 | 14 |
| 100 | Effects of Surface Potential on the Equilibrium and Kinetics of Redox Reactions of Membrane Components with External Reagents in Chromatophores from Rhodopseudomonas sphaeroides1. Journal of Biochemistry, 1980, 87, 1431-1437. | 1.7 | 19 |
| 101 | ESTIMATION OF THE SURFACE POTENTIAL IN PHOTOSYNTHETIC MEMBRANES. , 1979, , 229-242. | | 1 |
| 102 | Diffusion-Potential-Induced Oxidation and Reduction of Cytochromes in Chromatophores from Rhodopseudomonas sphaeroides. Journal of Biochemistry, 1978, 84, 539-546. | 1.7 | 3 |
| 103 | Sidedness of membrane structures in Rhodopseudomonas sphaeroides. Electrochemical titration of the spectrum changes of carotenoid in spheroplasts, spheroplast membrane vesicles and chromatophores. Biochimica Et Biophysica Acta - Bioenergetics, 1977, 459, 483-491. | 1.0 | 39 |