

# Peter B KÃ³s

## List of Publications by Year in descending order

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28  
papers

997  
citations

516710

16  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Viable protoplast formation of the coral endosymbiont alga <i>Symbiodinium</i> spp. in a microfluidics platform. <i>Lab on A Chip</i> , 2022, 22, 2986-2999.	6.0	4
2	Increased sensitivity of heavy metal bioreporters in transporter deficient <i>Synechocystis</i> PCC6803 mutants. <i>PLoS ONE</i> , 2021, 16, e0261135.	2.5	3
3	A simple method to produce <i>Synechocystis</i> PCC6803 biofilm under laboratory conditions for electron microscopic and functional studies. <i>PLoS ONE</i> , 2020, 15, e0236842.	2.5	6
4	A single plasmid based CRISPR interference in <i>Synechocystis</i> 6803 – A proof of concept. <i>PLoS ONE</i> , 2019, 14, e0225375.	2.5	15
5	A novel enzyme of type VI sulfide:quinone oxidoreductases in purple sulfur photosynthetic bacteria. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5133-5147.	3.6	17
6	Starvation- and xenobiotic-related transcriptomic responses of the sulfanilic acid-degrading bacterium, <i>Novosphingobium resinovorum</i> SA1. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 305-318.	3.6	12
7	Complete genome sequence of <i>Novosphingobium resinovorum</i> SA1, a versatile xenobiotic-degrading bacterium capable of utilizing sulfanilic acid. <i>Journal of Biotechnology</i> , 2017, 241, 76-80.	3.8	27
8	Characterization of the <i>Rhodococcus</i> sp. MK1 strain and its pilot application for bioremediation of diesel oil-contaminated soil. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2017, 64, 463-482.	0.8	15
9	Tocopherol Cyclases – Substrate Specificity and Phylogenetic Relations. <i>PLoS ONE</i> , 2016, 11, e0159629.	2.5	16
10	Coregulated Genes Link Sulfide:Quinone Oxidoreductase and Arsenic Metabolism in <i>Synechocystis</i> sp. Strain PCC6803. <i>Journal of Bacteriology</i> , 2014, 196, 3430-3440.	2.2	36
11	Assessing the Applicability of Singlet Oxygen Photosensitizers in Leaf Studies. <i>Photochemistry and Photobiology</i> , 2014, 90, 129-136.	2.5	10
12	The cry-DASH cryptochrome encoded by the <i>sll1629</i> gene in the cyanobacterium <i>Synechocystis</i> PCC 6803 is required for Photosystem II repair. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 130, 318-326.	3.8	12
13	The Ability of Cyanobacterial Cells to Restore UV-B Radiation Induced Damage to Photosystem II is Influenced by Photolyase Dependent DNA Repair. <i>Photochemistry and Photobiology</i> , 2013, 89, 384-390.	2.5	21
14	Functioning of the Bidirectional Hydrogenase in Different Unicellular Cyanobacteria. <i>Advanced Topics in Science and Technology in China</i> , 2013, , 733-736.	0.1	0
15	A unique regulation of the expression of the <i>psbA</i> , <i>psbD</i> , and <i>psbE</i> genes, encoding the D1, D2 and cytochrome b559 subunits of the Photosystem II complex in the chlorophyll d containing cyanobacterium <i>Acaryochloris marina</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1083-1094.	1.0	38
16	Characterization of Stress Responses of Heavy Metal and Metalloid Inducible Promoters in <i>Synechocystis</i> PCC6803. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 166-169.	2.1	43
17	Superoxide anion radicals generated by methylviologen in photosystem I damage photosystem II. <i>Physiologia Plantarum</i> , 2011, 142, 17-25.	5.2	69
18	Transcriptional regulation of the bidirectional hydrogenase in the cyanobacterium <i>Synechocystis</i> 6803. <i>Journal of Biotechnology</i> , 2009, 142, 31-37.	3.8	25

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19	Construction of bioluminescent cyanobacterial reporter strains for detection of nickel, cobalt and zinc. <i>FEMS Microbiology Letters</i> , 2008, 289, 258-264.	1.8	59
20	Differential regulation of psbA and psbD gene expression, and the role of the different D1 protein copies in the cyanobacterium <i>Thermosynechococcus elongatus</i> BP-1. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 74-83.	1.0	96
21	Modeling of variant copies of subunit D1 in the structure of photosystem II from <i>Thermosynechococcus elongatus</i> . <i>Biological Chemistry</i> , 2008, 389, 609-617.	2.5	35
22	Imaging of NPQ and ROS Formation in Tobacco Leaves: Heat Inactivation of the Water-Water Cycle Prevents Down-Regulation of PSII. <i>Plant and Cell Physiology</i> , 2008, 49, 1879-1886.	3.1	41
23	Comparative analysis of the <i>Corynebacterium glutamicum</i> group and complete genome sequence of strain R. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1042-1058.	1.8	223
24	The role of the FtsH and Deg proteases in the repair of UV-B radiation-damaged Photosystem II in the cyanobacterium <i>Synechocystis</i> PCC 6803. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 820-828.	1.0	41
25	Hydroxyl radicals are not the protagonists of UV-B-induced damage in isolated thylakoid membranes. <i>Functional Plant Biology</i> , 2007, 34, 1112.	2.1	12
26	Photosystem II damage induced by chemically generated singlet oxygen in tobacco leaves. <i>Physiologia Plantarum</i> , 2007, 131, 33-40.	5.2	58
27	Singlet Oxygen in Plants—Its Significance and Possible Detection with Double (Fluorescent and Spin) Indicator Reagents. <i>Photochemistry and Photobiology</i> , 2006, 82, 1211.	2.5	39
28	Searching for a New Putative Cryptic Virus in <i>Pinus sylvestris</i> L. <i>Virus Genes</i> , 2006, 32, 177-186.	1.6	20