Heike BÃ¤hre

List of Publications by Year
in descending order

36	1,638	471509 17	361022 35
papers	citations	h-index	g-index

38	38	38	3011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Itaconate and derivatives reduce interferon responses and inflammation in influenza A virus infection. PLoS Pathogens, 2022, 18, e1010219.	4.7	35
2	Octopamine drives honeybee thermogenesis. ELife, 2022, 11, .	6.0	10
3	Pseudomonas aeruginosa postâ€translational responses to elevated <scp>câ€diâ€GMP</scp> levels. Molecular Microbiology, 2022, 117, 1213-1226.	2.5	6
4	The purinergic P2Y14 receptor links hepatocyte death to hepatic stellate cell activation and fibrogenesis in the liver. Science Translational Medicine, 2022, 14, eabe5795.	12.4	25
5	The ancestral stringent response potentiator, DksA has been adapted throughout Salmonella evolution to orchestrate the expression of metabolic, motility, and virulence pathways. Gut Microbes, 2022, 14, 1997294.	9.8	8
6	Staphylococcus aureus Multiplexes Death-Effector Deoxyribonucleosides to Neutralize Phagocytes. Frontiers in Immunology, 2022, 13, 847171.	4.8	8
7	Patatin-like phospholipase CapV in Escherichia coli - morphological and physiological effects of one amino acid substitution. Npj Biofilms and Microbiomes, 2022, 8, 39.	6.4	3
8	Thermosynechococcus switches the direction of phototaxis by a c-di-GMP-dependent process with high spatial resolution. ELife, 2022, 11, .	6.0	15
9	Elevated câ€diâ€GMP levels promote biofilm formation and biodesulfurization capacity of Rhodococcus erythropolis. Microbial Biotechnology, 2021, 14, 923-937.	4.2	8
10	AdrA as a Potential Immunomodulatory Candidate for STING-Mediated Antiviral Therapy That Required Both Type I IFN and TNF-Î± Production. Journal of Immunology, 2021, 206, 376-385.	0.8	5
11	A meet-up of two second messengers: the c-di-AMP receptor DarB controls (p)ppGpp synthesis in Bacillus subtilis. Nature Communications, 2021, 12, 1210.	12.8	35
12	Establishment, Validation, and Initial Application of a Sensitive LC-MS/MS Assay for Quantification of the Naturally Occurring Isomers Itaconate, Mesaconate, and Citraconate. Metabolites, 2021, 11, 270.	2.9	12
13	Histamine can be Formed and Degraded in the Human and Mouse Heart. Frontiers in Pharmacology, 2021, 12, 582916.	3.5	21
14	cGAS-like receptors sense RNA and control 3â€²2â€²-cGAMP signalling in Drosophila. Nature, 2021, 597, 109-113.	27.8	104
15	The two Pseudomonas aeruginosa DksA stringent response proteins are largely interchangeable at the whole transcriptome level and in the control of virulenceâ€related traits. Environmental Microbiology, 2021, 23, 5487-5504.	3.8	3
16	Methicillin-resistant Staphylococcus pseudintermedius synthesizes deoxyadenosine to cause persistent infection. Virulence, 2021, 12, 989-1002.	4.4	8
17	Putative Nucleotide-Based Second Messengers in the Archaeal Model Organisms Haloferax volcanii and Sulfolobus acidocaldarius. Frontiers in Microbiology, 2021, 12, 779012.	3.5	13
18	In vivo efficacy of mutant IDH1 inhibitor HMS-101 and structural resolution of distinct binding site. Leukemia, 2020, 34, 416-426.	7.2	13

#	Article	IF	Citations
19	A Cyclic di-GMP Network Is Present in Gram-Positive Streptococcus and Gram-Negative Proteus Species. ACS Infectious Diseases, 2020, 6, 2672-2687.	3.8	10
20	The zoonotic pathogen Leptospira interrogans mitigates environmental stress through cyclic-di-GMP-controlled biofilm production. Npj Biofilms and Microbiomes, 2020, 6, 24.	6.4	29
21	Natural Compound Library Screening Identifies New Molecules for the Treatment of Cardiac Fibrosis and Diastolic Dysfunction. Circulation, 2020, 141, 751-767.	1.6	48
22	Taxol-Loaded MSC-Derived Exosomes Provide a Therapeutic Vehicle to Target Metastatic Breast Cancer and Other Carcinoma Cells. Cancers, 2019, 11, 798.	3.7	163
23	Breaking the Vicious Cycle of Antibiotic Killing and Regrowth of Biofilm-Residing Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	23
24	Analytical Methods for the Quantification of Histamine and Histamine Metabolites. Handbook of Experimental Pharmacology, 2017, 241, 3-19.	1.8	1
25	Identification and Quantification of Cyclic Di-Guanosine Monophosphate and Its Linear Metabolites by Reversed-Phase LC-MS/MS. Methods in Molecular Biology, 2017, 1657, 45-58.	0.9	26
26	Mass Spectrometric Analysis of Non-canonical Cyclic Nucleotides. Handbook of Experimental Pharmacology, 2016, 238, 293-306.	1.8	2
27	Non-targeted metabolomics by high resolution mass spectrometry in HPRT knockout mice. Life Sciences, 2016, 156, 68-73.	4.3	6
28	cCMP and cUMP occur inÂvivo. Biochemical and Biophysical Research Communications, 2015, 460, 909-914.	2.1	31
29	From canonical to non-canonical cyclic nucleotides as second messengers: Pharmacological implications. , 2015, 148, 154-184.		50
30	cAMP, cGMP, cCMP and cUMP concentrations across the tree of life: High cCMP and cUMP levels in astrocytes. Neuroscience Letters, 2014, 579, 183-187.	2.1	46
31	Measurement of 2â€²,3â€²-cyclic nucleotides by liquid chromatographyâ€“tandem mass spectrometry in cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 964, 208-211.	2.3	27
32	Nucleotidyl cyclase activity of soluble guanylyl cyclase in intact cells. Biochemical and Biophysical Research Communications, 2014, 443, 1195-1199.	2.1	39
33	PDE7A1 hydrolyzes cCMP. FEBS Letters, 2014, 588, 3469-3474.	2.8	18
34	ExoY from Pseudomonas aeruginosa is a nucleotidyl cyclase with preference for cGMP and cUMP formation. Biochemical and Biophysical Research Communications, 2014, 450, 870-874.	2.1	59
35	De novo fatty acid synthesis controls the fate between regulatory T and T helper 17 cells. Nature Medicine, 2014, 20, 1327-1333.	30.7	694
36	Soluble adenylyl cyclase accounts for high basal cCMP and cUMP concentrations in HEK293 and B103 cells. Biochemical and Biophysical Research Communications, 2014, 448, 236-240.	2.1	34