

# Felix Kaspar

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

420  
citations

933447

10  
h-index

752698

20  
g-index

37  
all docs

37  
docs citations

37  
times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive Secondary Metabolites from <i>Bacillus subtilis</i> : A Comprehensive Review. <i>Journal of Natural Products</i> , 2019, 82, 2038-2053.	3.0	161
2	Route efficiency assessment and review of the synthesis of $\hat{1}^2$ -nucleosides via N-glycosylation of nucleobases. <i>Green Chemistry</i> , 2021, 23, 37-50.	9.0	33
3	Acute-Phase Inflammatory Response to Single-Bout HIIT and Endurance Training: A Comparative Study. <i>Mediators of Inflammation</i> , 2016, 2016, 1-6.	3.0	31
4	General Principles for Yield Optimization of Nucleoside Phosphorylase-Catalyzed Transglycosylations. <i>ChemBioChem</i> , 2020, 21, 1428-1432.	2.6	24
5	Thermodynamic Reaction Control of Nucleoside Phosphorolysis. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 867-876.	4.3	22
6	A UV/Vis Spectroscopy-Based Assay for Monitoring of Transformations Between Nucleosides and Nucleobases. <i>Methods and Protocols</i> , 2019, 2, 60.	2.0	21
7	Modular Enzymatic Cascade Synthesis of Nucleotides Using a (d)ATP Regeneration System. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 854.	4.1	17
8	Efficient Biocatalytic Synthesis of Dihalogenated Purine Nucleoside Analogues Applying Thermodynamic Calculations. <i>Molecules</i> , 2020, 25, 934.	3.8	17
9	Spectral Unmixing-Based Reaction Monitoring of Transformations between Nucleosides and Nucleobases. <i>ChemBioChem</i> , 2020, 21, 2604-2610.	2.6	14
10	Dynamic Modelling of Phosphorolytic Cleavage Catalyzed by Pyrimidine-Nucleoside Phosphorylase. <i>Processes</i> , 2019, 7, 380.	2.8	12
11	The Peculiar Case of the Hyperthermostable Pyrimidine Nucleoside Phosphorylase from <i>Thermus thermophilus</i> . <i>ChemBioChem</i> , 2021, 22, 1385-1390.	2.6	12
12	Diversification of 4-Methylated Nucleosides by Nucleoside Phosphorylases. <i>ACS Catalysis</i> , 2021, 11, 10830-10835.	11.2	11
13	Optimized Biocatalytic Synthesis of 2-Selenopyrimidine Nucleosides by Transglycosylation. <i>ChemBioChem</i> , 2021, 22, 2002-2009.	2.6	10
14	Kinetic Analysis of the Hydrolysis of Pentose-1-phosphates through Apparent Nucleoside Phosphorolysis Equilibrium Shifts. <i>ChemPhysChem</i> , 2021, 22, 283-287.	2.1	7
15	Thermostable adenosine 5-monophosphate phosphorylase from <i>Thermococcus kodakarensis</i> forms catalytically active inclusion bodies. <i>Scientific Reports</i> , 2021, 11, 16880.	3.3	7
16	UV-Spectroscopic Detection of (Pyro-)Phosphate with the PUB Module. <i>Analytical Chemistry</i> , 2022, 94, 3432-3435.	6.5	6
17	pH-Independent Heat Capacity Changes during Phosphorolysis Catalyzed by the Pyrimidine Nucleoside Phosphorylase from <i>Geobacillus thermoglucosidasius</i> . <i>Biochemistry</i> , 2021, 60, 1573-1577.	2.5	5
18	Coloring Chemistry—How Mindful Color Choices Improve Chemical Communication. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114910.	13.8	4

#	ARTICLE	IF	CITATIONS
19	Two-Phase Biocatalysis in Microfluidic Droplets. Biosensors, 2021, 11, 407.	4.7	3
20	Alternative Assay Reagents for UV-Spectroscopic Detection of (Pyro-)Phosphate with the PUB Module. Analytical Chemistry, 2022, 94, 8132-8135.	6.5	1
21	Coloring Chemistry â€“ Wie eine bewusste Farbwahl die chemische Kommunikation verbessert. Angewandte Chemie, 2022, 134, .	2.0	0