

# Benjamin K Keitz

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

457  
citations

933447

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752698

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29  
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29  
docs citations

29  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatible Materials Enabled by Biobased Production of Pyomelanin Isoforms Using an Engineered <i>Yarrowia lipolytica</i> . <i>Advanced Functional Materials</i> , 2022, 32, 2109366.	14.9	5
2	<i>In Situ</i> Optical Quantification of Extracellular Electron Transfer Using Plasmonic Metal Oxide Nanocrystals**. <i>ChemElectroChem</i> , 2022, 9, .	3.4	6
3	Extracellular Electron Transfer Enables Cellular Control of Cu(I)-Catalyzed Alkyne–Azide Cycloaddition. <i>ACS Central Science</i> , 2022, 8, 246-257.	11.3	4
4	Living Synthetic Polymerizations. , 2022, , 27-49.		3
5	Cross-Seeding Controls $\text{A}\beta$ Fibril Populations and Resulting Functions. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2217-2229.	2.6	4
6	Extraction of Au(III) by Microbially Reduced Metal–Organic Frameworks. <i>Langmuir</i> , 2021, 37, 9078-9088.	3.5	8
7	Small RNAs as a New Platform for Tuning the Biosynthesis of Silver Nanoparticles for Enhanced Material and Functional Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 36769-36783.	8.0	3
8	Tuning Extracellular Electron Transfer by <i>Shewanella oneidensis</i> Using Transcriptional Logic Gates. <i>ACS Synthetic Biology</i> , 2020, 9, 2301-2315.	3.8	21
9	Aerobic radical polymerization mediated by microbial metabolism. <i>Nature Chemistry</i> , 2020, 12, 638-646.	13.6	55
10	Functionalized Mesoporous Silicas Direct Structural Polymorphism of Amyloid- $\beta$ Fibrils. <i>Langmuir</i> , 2020, 36, 7345-7355.	3.5	3
11	Methanol Oxidation Catalyzed by Copper Nanoclusters Incorporated in Vacuum-Deposited HKUST-1 Thin Films. <i>ACS Catalysis</i> , 2020, 10, 4997-5007.	11.2	25
12	Genetic Control of Radical Cross-linking in a Semisynthetic Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1375-1386.	5.2	13
13	Solvent-free vacuum growth of oriented HKUST-1 thin films. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19396-19406.	10.3	54
14	Microbial reduction of metal-organic frameworks enables synergistic chromium removal. <i>Nature Communications</i> , 2019, 10, 5212.	12.8	50
15	<i>Shewanella oneidensis</i> as a living electrode for controlled radical polymerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4559-4564.	7.1	68
16	Extracellular Electron Transfer by <i>Shewanella oneidensis</i> Controls Palladium Nanoparticle Phenotype. <i>ACS Synthetic Biology</i> , 2018, 7, 2726-2736.	3.8	63
17	Sequence-Dependent Peptide Surface Functionalization of Metal–Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 18601-18609.	8.0	35
18	Influence of Zeolites on Amyloid- $\beta$ Aggregation. <i>Langmuir</i> , 2018, 34, 9789-9797.	3.5	14

#	ARTICLE	IF	CITATIONS
19	Biological links between nanoparticle biosynthesis and stress responses in bacteria. Mexican Journal of Biotechnology, 2018, 3, 44-69.	0.3	1
20	Imposed Environmental Stresses Facilitate Cell-Free Nanoparticle Formation by Deinococcus radiodurans. Applied and Environmental Microbiology, 2017, 83, .	3.1	16