

# Benjamin K Keitz

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

457  
citations

933447

10  
h-index

752698

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Shewanella oneidensis</i> as a living electrode for controlled radical polymerization. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4559-4564.	7.1	68
2	Extracellular Electron Transfer by <i>Shewanella oneidensis</i> Controls Palladium Nanoparticle Phenotype. ACS Synthetic Biology, 2018, 7, 2726-2736.	3.8	63
3	Aerobic radical polymerization mediated by microbial metabolism. Nature Chemistry, 2020, 12, 638-646.	13.6	55
4	Solvent-free vacuum growth of oriented HKUST-1 thin films. Journal of Materials Chemistry A, 2019, 7, 19396-19406.	10.3	54
5	Microbial reduction of metal-organic frameworks enables synergistic chromium removal. Nature Communications, 2019, 10, 5212.	12.8	50
6	Sequence-Dependent Peptide Surface Functionalization of Metal-Organic Frameworks. ACS Applied Materials & Interfaces, 2018, 10, 18601-18609.	8.0	35
7	Methanol Oxidation Catalyzed by Copper Nanoclusters Incorporated in Vacuum-Deposited HKUST-1 Thin Films. ACS Catalysis, 2020, 10, 4997-5007.	11.2	25
8	Tuning Extracellular Electron Transfer by <i>Shewanella oneidensis</i> Using Transcriptional Logic Gates. ACS Synthetic Biology, 2020, 9, 2301-2315.	3.8	21
9	Imposed Environmental Stresses Facilitate Cell-Free Nanoparticle Formation by <i>Deinococcus radiodurans</i> . Applied and Environmental Microbiology, 2017, 83, .	3.1	16
10	Influence of Zeolites on Amyloid- $\beta$ Aggregation. Langmuir, 2018, 34, 9789-9797.	3.5	14
11	Genetic Control of Radical Cross-linking in a Semisynthetic Hydrogel. ACS Biomaterials Science and Engineering, 2020, 6, 1375-1386.	5.2	13
12	Extraction of Au(III) by Microbially Reduced Metal-Organic Frameworks. Langmuir, 2021, 37, 9078-9088.	3.5	8
13	<i>In Situ</i> Optical Quantification of Extracellular Electron Transfer Using Plasmonic Metal Oxide Nanocrystals**. ChemElectroChem, 2022, 9, .	3.4	6
14	Biocompatible Materials Enabled by Biobased Production of Pyomelanin Isoforms Using an Engineered <i>Yarrowia lipolytica</i> . Advanced Functional Materials, 2022, 32, 2109366.	14.9	5
15	Extracellular Electron Transfer Enables Cellular Control of Cu(I)-Catalyzed Alkyne-Azide Cycloaddition. ACS Central Science, 2022, 8, 246-257.	11.3	4
16	Cross-Seeding Controls $\text{A}\beta$ Fibril Populations and Resulting Functions. Journal of Physical Chemistry B, 2022, 126, 2217-2229.	2.6	4
17	Functionalized Mesoporous Silicas Direct Structural Polymorphism of Amyloid- $\beta$ Fibrils. Langmuir, 2020, 36, 7345-7355.	3.5	3
18	Small RNAs as a New Platform for Tuning the Biosynthesis of Silver Nanoparticles for Enhanced Material and Functional Properties. ACS Applied Materials & Interfaces, 2021, 13, 36769-36783.	8.0	3

#	ARTICLE	IF	CITATIONS
19	Living Synthetic Polymerizations. , 2022, , 27-49.		3
20	Biological links between nanoparticle biosynthesis and stress responses in bacteria. Mexican Journal of Biotechnology, 2018, 3, 44-69.	0.3	1