

# Joshua Kyle Stanfield

## List of Publications by Year in descending order

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25  
papers

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citations

840119

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#	ARTICLE	IF	CITATIONS
1	Ein Designeraußmembranprotein fñrdert die Aufnahme von Tuschmoleklen in einen auf Zytochrom P450BM3 beruhenden Ganzzellbiokatalysator. Angewandte Chemie, 2022, 134, .	1.6	5
2	Innentitelbild: Ein Designeraußmembranprotein fñrdert die Aufnahme von Tuschmoleklen in einen auf Zytochrom P450BM3 beruhenden Ganzzellbiokatalysator (Angew. Chem. 7/2022). Angewandte Chemie, 2022, 134, .	1.6	0
3	Tetraphenylporphyrin Enters the Ring: First Example of a Complex between Highly Bulky Porphyrins and a Protein**. ChemBioChem, 2022, 23, .	1.3	4
4	Gaseous Alkane Hydroxylation by Deceiving Cytochrome P450BM3 Using Decoy Molecules. Journal of the Japan Petroleum Institute, 2022, 65, 79-87.	0.4	1
5	The Power of Deception: Using Decoy Molecules to Manipulate P450BM3 Biotransformations. Chemistry Letters, 2021, 50, 2025-2031.	0.7	6
6	Designer Outer Membrane Protein Facilitates Uptake of Decoy Molecules into a Cytochrome P450BM3-based Whole-cell Biocatalyst. Angewandte Chemie - International Edition, 2021, , .	7.2	5
7	Systematic Evolution of Decoy Molecules for the Highly Efficient Hydroxylation of Benzene and Small Alkanes Catalyzed by Wild-Type Cytochrome P450BM3. ACS Catalysis, 2020, 10, 9136-9144.	5.5	22
8	Expanding the applicability of cytochrome P450s and other haemoproteins. Current Opinion in Chemical Biology, 2020, 59, 155-163.	2.8	30
9	Enhanced <i>cis</i> - and enantioselective cyclopropanation of styrene catalysed by cytochrome P450BM3 using decoy molecules. Chemical Communications, 2020, 56, 11026-11029.	2.2	11
10	Crystals in Minutes: Instant On-site Microcrystallisation of Various Flavours of the CYP102A1 (P450BM3) Haem Domain. Angewandte Chemie - International Edition, 2020, 59, 7611-7618.	7.2	13
11	Kristalle in Minutenschnelle: Sofortige Mikrokristallisation verschiedenster Varianten der CYP102A1-(P450BM3)-Hmndomne. Angewandte Chemie, 2020, 132, 7681-7689.	1.6	6
12	Hijacking the Heme Acquisition System of Pseudomonas aeruginosa for the Delivery of Phthalocyanine as an Antimicrobial. ACS Chemical Biology, 2019, 14, 1637-1642.	1.6	27
13	Development of a High-Pressure Reactor Based on Liquid-Flow Pressurisation to Facilitate Enzymatic Hydroxylation of Gaseous Alkanes. ChemCatChem, 2019, 11, 4661-4661.	1.8	1
14	Development of a High-Pressure Reactor Based on Liquid-Flow Pressurisation to Facilitate Enzymatic Hydroxylation of Gaseous Alkanes. ChemCatChem, 2019, 11, 4709-4714.	1.8	18
15	Frontispiece: Whole-cell Biotransformation of Benzene to Phenol Catalysed by Intracellular Cytochrome P450BM3 Activated by External Additives. Angewandte Chemie - International Edition, 2018, 57, .	7.2	1
16	Frontispiz: Ganzzellbiotransformation von Benzol zu Phenol durch intrazellulres Zytochrom P450BM3 aktiviert mithilfe externer Zustze. Angewandte Chemie, 2018, 130, .	1.6	0
17	Ganzzellbiotransformation von Benzol zu Phenol durch intrazellulres Zytochrom P450BM3 aktiviert mithilfe externer Zustze. Angewandte Chemie, 2018, 130, 12444-12449.	1.6	12
18	Reconstitution of full-length P450BM3 with an artificial metal complex by utilising the transpeptidase Sortase A. Chemical Communications, 2018, 54, 7892-7895.	2.2	23

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19	Whole-Cell Biotransformation of Benzene to Phenol Catalysed by Intracellular Cytochrome P450BM3 Activated by External Additives. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12264-12269.	7.2	43
20	Direct Hydroxylation of Benzene to Phenol by Cytochrome P450BM3 Triggered by Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10324-10329.	7.2	62
21	Direct Hydroxylation of Benzene to Phenol by Cytochrome P450BM3 Triggered by Amino Acid Derivatives. <i>Angewandte Chemie</i> , 2017, 129, 10460-10465.	1.6	23
22	Frontispiece: Direct Hydroxylation of Benzene to Phenol by Cytochrome P450BM3 Triggered by Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	7.2	0
23	Frontispiz: Direct Hydroxylation of Benzene to Phenol by Cytochrome P450BM3 Triggered by Amino Acid Derivatives. <i>Angewandte Chemie</i> , 2017, 129, .	1.6	0
24	Control of stereoselectivity of benzylic hydroxylation catalysed by wild-type cytochrome P450BM3 using decoy molecules. <i>Catalysis Science and Technology</i> , 2017, 7, 3332-3338.	2.1	30
25	ENGANANDO O CITOCROMO P450BM3: CATÁLISE DE VÁRIAS TRANSFORMAÇÕES DE SUBSTRATOS NÁTIVOS USANDO MOLÉCULAS-TRAIÇOEIRAS. <i>Química Nova</i> , 0, , .	0.3	1