

Ryosuke Ueki

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

560
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligonucleotide-Based Mimetics of Hepatocyte Growth Factor. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 579-582.	13.8	96
2	A DNA aptamer to c-Met inhibits cancer cell migration. <i>Chemical Communications</i> , 2014, 50, 13131-13134.	4.1	81
3	Nongenetic Reprogramming of the Ligand Specificity of Growth Factor Receptors by Bispecific DNA Aptamers. <i>Journal of the American Chemical Society</i> , 2017, 139, 6554-6557.	13.7	79
4	Design of Chemical Shift-Switching ¹⁹ F Magnetic Resonance Imaging Probe for Specific Detection of Human Monoamine Oxidase A. <i>Journal of the American Chemical Society</i> , 2011, 133, 14208-14211.	13.7	52
5	DNA aptamer assemblies as fibroblast growth factor mimics and their application in stem cell culture. <i>Chemical Communications</i> , 2019, 55, 2672-2675.	4.1	45
6	A chemically unmodified agonistic DNA with growth factor functionality for in vivo therapeutic application. <i>Science Advances</i> , 2020, 6, eaay2801.	10.3	38
7	Molecular Glue that Spatiotemporally Turns on Protein-Protein Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 8035-8040.	13.7	36
8	Oligonucleotide-Based Mimetics of Hepatocyte Growth Factor. <i>Angewandte Chemie</i> , 2016, 128, 589-592.	2.0	23
9	Highly Conductive Nucleotide Analogue Facilitates Base-Calling in Quantum-Tunneling-Based DNA Sequencing. <i>ACS Nano</i> , 2019, 13, 5028-5035.	14.6	22
10	DNA-Based Synthetic Growth Factor Surrogates with Fine-Tuned Agonism**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22745-22752.	13.8	17
11	¹ H NMR Probe for in Situ Monitoring of Dopamine Metabolism and Its Application to Inhibitor Screening. <i>Journal of the American Chemical Society</i> , 2012, 134, 12398-12401.	13.7	15
12	Nongenetic control of receptor signaling dynamics using a DNA-based optochemical tool. <i>Chemical Communications</i> , 2021, 57, 5969-5972.	4.1	14
13	A DNA Aptamer That Inhibits the Aberrant Signaling of Fibroblast Growth Factor Receptor in Cancer Cells. <i>Jacs Au</i> , 2021, 1, 578-585.	7.9	9
14	Photoreactive Molecular Glue for Enhancing the Efficacy of DNA Aptamers by Temporary-to-Permanent Conjugation with Target Proteins. <i>Journal of the American Chemical Society</i> , 2021, 143, 13937-13943.	13.7	9
15	In situ analysis of [8- ¹³ C-7- ¹⁵ N]-double-labelled theophylline by a triple resonance NMR technique. <i>Analytical Methods</i> , 2011, 3, 1664.	2.7	8
16	DNA-Based Synthetic Growth Factor Surrogates with Fine-Tuned Agonism**. <i>Angewandte Chemie</i> , 2021, 133, 22927.	2.0	4
17	Characterization of a DNA Aptamer with High Specificity toward Fibroblast Growth Factor Receptor 1. <i>Chemistry Letters</i> , 2021, 50, 1949-1952.	1.3	4
18	Chemical Labeling-Assisted Detection of Nucleobase Modifications by Quantum Tunneling-Based Single-Molecule Sensing. <i>ChemBioChem</i> , 2020, 21, 335-339.	2.6	3

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19	Feeder-Free Human Induced Pluripotent Stem Cell Culture Using a DNA Aptamer-Based Mimic of Basic Fibroblast Growth Factor. <i>Methods in Molecular Biology</i> , 2021, 2312, 301-305.	0.9	3
20	Key aurophilic motif for robust quantum-tunneling-based characterization of a nucleoside analogue marker. <i>Chemical Science</i> , 2020, 11, 10135-10142.	7.4	2
21	Frontispiz: DNAâ€Based Synthetic Growth Factor Surrogates with Fineâ€Tuned Agonism. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
22	Frontispiece: DNAâ€Based Synthetic Growth Factor Surrogates with Fineâ€Tuned Agonism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0