

Masanori Okaniwa

List of Publications by Year in descending order

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32
papers

1,356
citations

471509

17
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming mTOR resistance mutations with a new-generation mTOR inhibitor. <i>Nature</i> , 2016, 534, 272-276.	27.8	358
2	A Kinase Inhibitor Targeted to mTORC1 Drives Regression in Glioblastoma. <i>Cancer Cell</i> , 2017, 31, 424-435.	16.8	138
3	Aneuploidy generates proteotoxic stress and DNA damage concurrently with p53-mediated post-mitotic apoptosis in SAC-impaired cells. <i>Nature Communications</i> , 2015, 6, 7668.	12.8	137
4	STING agonist delivery by tumour-penetrating PEG-lipid nanodiscs primes robust anticancer immunity. <i>Nature Materials</i> , 2022, 21, 710-720.	27.5	114
5	Antitumor Activity of the Selective Pan-RAF Inhibitor TAK-632 in BRAF Inhibitor-Resistant Melanoma. <i>Cancer Research</i> , 2013, 73, 7043-7055.	0.9	102
6	Discovery of a Selective Kinase Inhibitor (TAK-632) Targeting Pan-RAF Inhibition: Design, Synthesis, and Biological Evaluation of <i>C</i> -7-Substituted 1,3-Benzothiazole Derivatives. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6478-6494.	6.4	95
7	Design and Synthesis of Novel DFG-Out RAF/Vascular Endothelial Growth Factor Receptor 2 (VEGFR2) Inhibitors. 1. Exploration of [5,6]-Fused Bicyclic Scaffolds. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3452-3478.	6.4	58
8	Diastereoselective allylation and alkylation of optically active imines with metallic samarium and a catalytic amount of iodine. <i>Tetrahedron</i> , 1999, 55, 13947-13956.	1.9	43
9	Synthetic Studies on Centromere-Associated Protein-E (CENP-E) Inhibitors: 2. Application of Electrostatic Potential Map (EPM) and Structure-Based Modeling to Imidazo[1,2- <i>a</i>]pyridine Derivatives as Anti-Tumor Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8036-8053.	6.4	34
10	A Novel Time-Dependent CENP-E Inhibitor with Potent Antitumor Activity. <i>PLoS ONE</i> , 2015, 10, e0144675.	2.5	31
11	Aluminum-Controlled Reactivity and Diastereoselectivity toward Radical Reactions of Optically Active Aldimines with Metallic Samarium. <i>Journal of Organic Chemistry</i> , 2001, 66, 1283-1286.	3.2	30
12	Design and synthesis of selective CDK8/19 dual inhibitors: Discovery of 4,5-dihydrothieno[3,4- <i>b</i>]benzo[1,2- <i>d</i>]isothiazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2336-2350.	3.0	30
13	Samarium-promoted Diastereoselective Reductive Coupling of Optically Active Imines. <i>Synlett</i> , 1999, 1999, 537-540.	1.8	29
14	Diastereoselective Allylation of Optically Active Imines with Metallic Samarium. <i>Synlett</i> , 1998, 1998, 835-836.	1.8	25
15	Synthetic studies of centromere-associated protein-E (CENP-E) inhibitors: 1. Exploration of fused bicyclic core scaffolds using electrostatic potential map. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5488-5502.	3.0	21
16	Discovery of Novel Allosteric Inhibitors of Deoxyhypusine Synthase. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3215-3226.	6.4	21
17	Discovery and pharmacological characterization of a new class of prolyl-tRNA synthetase inhibitor for anti-fibrosis therapy. <i>PLoS ONE</i> , 2017, 12, e0186587.	2.5	20
18	Enantioselective addition of diethylzinc to aldehydes with novel chiral C ₂ -symmetric dimeric ligands. <i>Tetrahedron Letters</i> , 2000, 41, 1047-1050.	1.4	15

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19	Repositioning and Characterization of 1-(Pyridin-4-yl)pyrrolidin-2-one Derivatives as <i>Plasmodium</i> Cytoplasmic Prolyl-tRNA Synthetase Inhibitors. <i>ACS Infectious Diseases</i> , 2021, 7, 1680-1689.	3.8	14
20	Design and synthesis of novel DFG-out RAF/vascular endothelial growth factor receptor 2 (VEGFR2) inhibitors: 3. Evaluation of 5-amino-linked thiazolo[5,4-d]pyrimidine and thiazolo[5,4-b]pyridine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5600-5615.	3.0	12
21	Design and synthesis of novel DFG-out RAF/vascular endothelial growth factor receptor 2 (VEGFR2) inhibitors: 2. Synthesis and characterization of a novel imide-type prodrug for improving oral absorption. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4680-4692.	3.0	8
22	New Series of Potent Allosteric Inhibitors of Deoxyhypusine Synthase. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1645-1652.	2.8	7
23	TAK-676: A Novel Stimulator of Interferon Genes (STING) Agonist Promoting Durable IFN-dependent Antitumor Immunity in Preclinical Studies. <i>Cancer Research Communications</i> , 2022, 2, 489-502.	1.7	5
24	Design and synthesis of fused bicyclic inhibitors targeting the L5 loop site of centromere-associated protein E. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4296-4300.	2.2	4
25	Use of combination treatment with the investigational RAF kinase inhibitor MLN2480 and the investigational MEK kinase inhibitor TAK-733 on the growth of BRAF-mutant and RAS-mutant preclinical models of melanoma and CRC.. <i>Journal of Clinical Oncology</i> , 2013, 31, e13529-e13529.	1.6	2
26	Abstract C146: Combination treatment with the investigational RAF kinase inhibitor MLN2480 and the investigational MEK kinase inhibitor TAK-733 inhibits the growth of BRAF mutant and RAS mutant preclinical models of melanoma and CRC.. , 2013, , .		1
27	Abstract C255: Discovery of TAK-632: A selective kinase inhibitor of pan-RAF with potent antitumor activity against BRAF and NRAS mutant melanomas.. , 2013, , .		1
28	Abstract 2147: Overcoming mTOR resistance mutations with a new generation mTOR inhibitor. , 2016, , .		1
29	ATPS-94THIRD GENERATION mTOR INHIBITORS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015, 17, v39.2-v39.	1.2	0
30	Abstract 3407: A novel CENP-E-selective inhibitor exhibits potent anti-tumor efficacy by two distinct mechanisms of action dependent on spindle assembly checkpoint activity.. , 2013, , .		0
31	Abstract 4247: Characterization of the selective pan-RAF inhibitor TAK-632 with antitumor activity in BRAF inhibitor-resistant melanoma. , 2014, , .		0
32	Abstract IA27: A kinase inhibitor targeted to mTORC1 drives regression in glioblastoma. , 2017, , .		0