Masako Sasaki

List of Publications by Year
in descending order

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16 papers	354 citations	840776 11 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	590 citing authors

#	Article	IF	Citations
1	Design, Synthesis, and Biological Evaluation of a Novel Series of 4-Guanidinobenzoate Derivatives as Enteropeptidase Inhibitors with Low Systemic Exposure for the Treatment of Obesity. Journal of Medicinal Chemistry, 2022, 65, 8456-8477.	6.4	4
2	Design and synthesis of a monocyclic derivative as a selective ACC1 inhibitor by chemical modification of biphenyl ACC1/2 dual inhibitors. Bioorganic and Medicinal Chemistry, 2021, 35, 116056.	3.0	2
3	Design and Synthesis of Novel Spiro Derivatives as Potent and Reversible Monoacylglycerol Lipase (MAGL) Inhibitors: Bioisosteric Transformation from 3-Oxo-3,4-dihydro-2H-benzo[b][1,4]oxazin-6-yl Moiety. Journal of Medicinal Chemistry, 2021, 64, 11014-11044.	6.4	18
4	Selective Acetyl-CoA Carboxylase 1 Inhibitor Improves Hepatic Steatosis and Hepatic Fibrosis in a Preclinical Nonalcoholic Steatohepatitis Model. Journal of Pharmacology and Experimental Therapeutics, 2021, 379, 280-289.	2.5	11
5	Discovery and characterization of a smallâ€molecule enteropeptidase inhibitor,SCOâ€792. Pharmacology Research and Perspectives, 2019, 7, e00517.	2.4	13
6	The identification and pharmacological evaluation of potent, selective and orally available ACC1 inhibitor. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126749.	2.2	8
7	Design and synthesis of a novel 1H-pyrrolo[3,2-b]pyridine-3-carboxamide derivative as an orally available ACC1 inhibitor. Bioorganic and Medicinal Chemistry, 2019, 27, 2521-2530.	3.0	6
8	Design, Synthesis, and Evaluation of (4R)-1-{3-[2-(¹⁸F)Fluoro-4-methylpyridin-3-yl]phenyl}-4-[4-(1,3-thiazol-2-ylcarbonyl)piperazin-1-yl]pyrrolidin-2-one ([¹⁸F]T-401) as a Novel Positron-Emission Tomography Imaging Agent for Monoacylglycerol Lipase. Journal of Medicinal Chemistry, 2019, 62, 2362-2375.	6.4	26
9	Discovery of Novel Selective Acetyl-CoA Carboxylase (ACC) 1 Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1098-1117.	6.4	18
10	Design, Synthesis, and Evaluation of Piperazinyl Pyrrolidin-2-ones as a Novel Series of Reversible Monoacylglycerol Lipase Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 9205-9217.	6.4	49
11	Discovery of Novel and Potent Stearoyl Coenzyme A Desaturase 1 (SCD1) Inhibitors as Anticancer Agents. Bioorganic and Medicinal Chemistry, 2017, 25, 3768-3779.	3.0	27
12	In vitro and in vivo antitumor activities of T-3764518, a novel and orally available small molecule stearoyl-CoA desaturase 1 inhibitor. European Journal of Pharmacology, 2017, 807, 21-31.	3.5	16
13	Symmetrical approach of spiro-pyrazolidinediones as acetyl-CoA carboxylase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4769-4772.	2.2	34
14	Design, synthesis, and structureâ€“activity relationships of novel spiro-piperidines as acetyl-CoA carboxylase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3643-3647.	2.2	44
15	Discovery of a 3-Pyridylacetic Acid Derivative (TAK-100) as a Potent, Selective and Orally Active Dipeptidyl Peptidase IV (DPP-4) Inhibitor. Journal of Medicinal Chemistry, 2011, 54, 831-850.	6.4	51
16	Discovery of potent, selective, and orally bioavailable quinoline-based dipeptidyl peptidase IV inhibitors targeting Lys554. Bioorganic and Medicinal Chemistry, 2011, 19, 4482-4498.	3.0	27