# Masako Sasaki

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5803397/publications.pdf

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Symmetrical approach of spiro-pyrazolidinediones as acetyl-CoA carboxylase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4769-4772. | 2.2 | 34 |
| 5 | 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 |
| 6 | 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 |
| 7 | Design, Synthesis, and Evaluation of (4R)-1-{3-[2-(<sup>18</sup>F)Fluoro-4-methylpyridin-3-yl]phenyl}-4-[4-(1,3-thiazol-2-ylcarbonyl)piperazin-1-yl]pyrrolidin-2-one ([<sup>18</sup>F]T-401) as a Novel Positron-Emission Tomography Imaging Agent for Monoacylglycerol Lipase. Journal of Medicinal Chemistry, 2019, 62, 2362-2375. | 6.4 | 26 |
| 8 | Discovery of Novel Selective Acetyl-CoA Carboxylase (ACC) 1 Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1098-1117. | 6.4 | 18 |
| 9 | 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 |
| 10 | 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 |
| 11 | Discovery and characterization of a smallâ€molecule enteropeptidase inhibitor,SCOâ€792. Pharmacology Research and Perspectives, 2019, 7, e00517. | 2.4 | 13 |
| 12 | 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 |
| 13 | The identification and pharmacological evaluation of potent, selective and orally available ACC1 inhibitor. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126749. | 2.2 | 8 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |