

Iwao Ojima

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,204
citations

18
h-index

34
g-index

37
ext. papers

1,457
ext. citations

4.9
avg, IF

4.78
L-index

#	Paper	IF	Citations
36	Design, synthesis and SAR study of Fluorine-containing 3rd-generation taxoids.. <i>Bioorganic Chemistry</i> , 2021 , 119, 105578	5.1	0
35	Structure and inhibition of <i>Cryptococcus neoformans</i> sterylglucosidase to develop antifungal agents. <i>Nature Communications</i> , 2021 , 12, 5885	17.4	1
34	Structure-activity relationship studies on 2,5,6-trisubstituted benzimidazoles targeting -FtsZ as antitubercular agents. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 78-94	3.5	3
33	Potent antitumor activity of novel taxoids in anaplastic thyroid cancer. <i>Endocrine</i> , 2021 , 1	4	0
32	Design, synthesis and SAR study of 3rd-generation taxoids bearing 3-CH, 3-CFO and 3-CHFO groups at the C2-benzoate position. <i>Bioorganic Chemistry</i> , 2020 , 95, 103523	5.1	5
31	A novel taxane, difluorovinyl-ortataxel, effectively overcomes paclitaxel-resistance in breast cancer cells. <i>Cancer Letters</i> , 2020 , 491, 36-49	9.9	3
30	SAR Studies on Aromatic Acylhydrazone-Based Inhibitors of Fungal Sphingolipid Synthesis as Next-Generation Antifungal Agents. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 8249-8273	8.3	9
29	Incarvillateine produces antinociceptive and motor suppressive effects via adenosine receptor activation. <i>PLoS ONE</i> , 2019 , 14, e0218619	3.7	3
28	Recent progress in the strategic incorporation of fluorine into medicinally active compounds. <i>Journal of Fluorine Chemistry</i> , 2019 , 217, 29-40	2.1	43
27	Quest for Efficacious Next-Generation Taxoid Anticancer Agents and Their Tumor-Targeted Delivery. <i>Journal of Natural Products</i> , 2018 , 81, 703-721	4.9	23
26	Taxol Analogues Exhibit Differential Effects on Photoaffinity Labeling of β Tubulin and the Multidrug Resistance Associated P-Glycoprotein. <i>Journal of Natural Products</i> , 2018 , 81, 600-606	4.9	14
25	Acylhydrazones as Antifungal Agents Targeting the Synthesis of Fungal Sphingolipids. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	39
24	Design, Synthesis, and Biological Evaluations of Asymmetric Bow-Tie PAMAM Dendrimer-Based Conjugates for Tumor-Targeted Drug Delivery. <i>ACS Omega</i> , 2018 , 3, 3717-3736	3.9	21
23	Substituents at the C3Z and C3N positions are critical for taxanes to overcome acquired resistance of cancer cells to paclitaxel. <i>Toxicology and Applied Pharmacology</i> , 2018 , 347, 79-91	4.6	8
22	Synthesis of a Next-Generation Taxoid by Rapid Methylation Amenable for C-Labeling. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2847-2857	4.2	5
21	Synthesis of Colchicinoids and Alcolcolchicinoids through Rh(I)-Catalyzed [2+2+2+1] and [2+2+2] Cycloadditions of o-Phenyleneetriynes with and without CO. <i>Journal of Organic Chemistry</i> , 2018 , 83, 11623-11649	4.2	11649
20	Contribution of diacylglycerol lipase β to pain after surgery. <i>Journal of Pain Research</i> , 2018 , 11, 473-482	2.9	9

19	SAR studies on truxillic acid mono esters as a new class of antinociceptive agents targeting fatty acid binding proteins. <i>European Journal of Medicinal Chemistry</i> , 2018 , 154, 233-252	6.8	14
18	Targeting the Hemopexin-like Domain of Latent Matrix Metalloproteinase-9 (proMMP-9) with a Small Molecule Inhibitor Prevents the Formation of Focal Adhesion Junctions. <i>ACS Chemical Biology</i> , 2017 , 12, 2788-2803	4.9	21
17	Computational Design and Synthesis of Novel Fluoro-Analogs of Combretastatins A-4 and A-1. <i>Journal of Fluorine Chemistry</i> , 2017 , 203, 193-199	2.1	2
16	Taxane anticancer agents: a patent perspective. <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 1-20	6.8	119
15	Recent advances in the discovery and development of antibacterial agents targeting the cell-division protein FtsZ. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 6354-6369	3.4	58
14	Poly(2-oxazoline) based micelles with high capacity for 3rd generation taxoids: preparation, in vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2015 , 208, 67-75	11.7	68
13	Fatty acid-binding proteins (FABPs) are intracellular carriers for Δ^9 -tetrahydrocannabinol (THC) and cannabidiol (CBD). <i>Journal of Biological Chemistry</i> , 2015 , 290, 8711-21	5.4	150
12	Design, synthesis and biological evaluation of a highly-potent and cancer cell selective folate-taxoid conjugate. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 2187-94	3.4	15
11	Computer-aided identification, synthesis, and biological evaluation of novel inhibitors for botulinum neurotoxin serotype A. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5489-95	3.4	11
10	Identification of a New Class of Antifungals Targeting the Synthesis of Fungal Sphingolipids. <i>MBio</i> , 2015 , 6, e00647	7.8	94
9	Design, Synthesis and Application of Fluorine-Labeled Taxoids as F NMR Probes for the Metabolic Stability Assessment of Tumor-Targeted Drug Delivery Systems. <i>Journal of Fluorine Chemistry</i> , 2015 , 171, 148-161	2.1	23
8	Pd-catalyzed asymmetric allylic amination with BOP ligands and its applications to the synthesis of fused polycyclic alkaloids. <i>Tetrahedron Letters</i> , 2015 , 56, 3288-3292	2	4
7	Design, synthesis and evaluation of novel 2,5,6-trisubstituted benzimidazoles targeting FtsZ as antitubercular agents. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 2602-12	3.4	35
6	Drug discovery targeting cell division proteins, microtubules and FtsZ. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 5060-77	3.4	55
5	Inhibition of fatty acid binding proteins elevates brain anandamide levels and produces analgesia. <i>PLoS ONE</i> , 2014 , 9, e94200	3.7	85
4	SAR studies on trisubstituted benzimidazoles as inhibitors of Mtb FtsZ for the development of novel antitubercular agents. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 9756-70	8.3	55
3	Fluorine-Containing Taxoid Anticancer Agents and Their Tumor-Targeted Drug Delivery. <i>Journal of Fluorine Chemistry</i> , 2013 , 152, 157-165	2.1	23
2	Benzimidazole-based antibacterial agents against <i>Francisella tularensis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 3318-26	3.4	28

- 1 Exploration of fluorine chemistry at the multidisciplinary interface of chemistry and biology.
Journal of Organic Chemistry, **2013**, 78, 6358-83

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