

# Iwao Ojima

## List of Publications by Citations

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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	Fatty acid-binding proteins (FABPs) are intracellular carriers for $\beta$ -tetrahydrocannabinol (THC) and cannabidiol (CBD). <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 8711-21	5.4	150
35	Exploration of fluorine chemistry at the multidisciplinary interface of chemistry and biology. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 6358-83	4.2	149
34	Taxane anticancer agents: a patent perspective. <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 1-20	6.8	119
33	Identification of a New Class of Antifungals Targeting the Synthesis of Fungal Sphingolipids. <i>MBio</i> , <b>2015</b> , 6, e00647	7.8	94
32	Inhibition of fatty acid binding proteins elevates brain anandamide levels and produces analgesia. <i>PLoS ONE</i> , <b>2014</b> , 9, e94200	3.7	85
31	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> , <b>2015</b> , 208, 67-75	11.7	68
30	Recent advances in the discovery and development of antibacterial agents targeting the cell-division protein FtsZ. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 6354-6369	3.4	58
29	SAR studies on trisubstituted benzimidazoles as inhibitors of Mtb FtsZ for the development of novel antitubercular agents. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 9756-70	8.3	55
28	Drug discovery targeting cell division proteins, microtubules and FtsZ. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 5060-77	3.4	55
27	Recent progress in the strategic incorporation of fluorine into medicinally active compounds. <i>Journal of Fluorine Chemistry</i> , <b>2019</b> , 217, 29-40	2.1	43
26	Acylhydrazones as Antifungal Agents Targeting the Synthesis of Fungal Sphingolipids. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	39
25	Design, synthesis and evaluation of novel 2,5,6-trisubstituted benzimidazoles targeting FtsZ as antitubercular agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 2602-12	3.4	35
24	Benzimidazole-based antibacterial agents against <i>Francisella tularensis</i> . <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 3318-26	3.4	28
23	Quest for Efficacious Next-Generation Taxoid Anticancer Agents and Their Tumor-Targeted Delivery. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 703-721	4.9	23
22	Fluorine-Containing Taxoid Anticancer Agents and Their Tumor-Targeted Drug Delivery. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 152, 157-165	2.1	23
21	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> , <b>2015</b> , 171, 148-161	2.1	23
20	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> , <b>2017</b> , 12, 2788-2803	4.9	21

19	Design, Synthesis, and Biological Evaluations of Asymmetric Bow-Tie PAMAM Dendrimer-Based Conjugates for Tumor-Targeted Drug Delivery. <i>ACS Omega</i> , <b>2018</b> , 3, 3717-3736	3.9	21
18	Design, synthesis and biological evaluation of a highly-potent and cancer cell selective folate-taxoid conjugate. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2187-94	3.4	15
17	Taxol Analogues Exhibit Differential Effects on Photoaffinity Labeling of $\beta$ Tubulin and the Multidrug Resistance Associated P-Glycoprotein. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 600-606	4.9	14
16	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> , <b>2018</b> , 154, 233-252	6.8	14
15	Computer-aided identification, synthesis, and biological evaluation of novel inhibitors for botulinum neurotoxin serotype A. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 5489-95	3.4	11
14	Synthesis of Colchicinoids and Alcolcolchicinoids through Rh(I)-Catalyzed [2+2+2+1] and [2+2+2] Cycloadditions of o-Phenylenetriynes with and without CO. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 11623-11649	4.2	11
13	SAR Studies on Aromatic Acylhydrazone-Based Inhibitors of Fungal Sphingolipid Synthesis as Next-Generation Antifungal Agents. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 8249-8273	8.3	9
12	Contribution of diacylglycerol lipase $\beta$ to pain after surgery. <i>Journal of Pain Research</i> , <b>2018</b> , 11, 473-482	2.9	9
11	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> , <b>2018</b> , 347, 79-91	4.6	8
10	Synthesis of a Next-Generation Taxoid by Rapid Methylation Amenable for C-Labeling. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 2847-2857	4.2	5
9	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> , <b>2020</b> , 95, 103523	5.1	5
8	Pd-catalyzed asymmetric allylic amination with BOP ligands and its applications to the synthesis of fused polycyclic alkaloids. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 3288-3292	2	4
7	Incarvillateine produces antinociceptive and motor suppressive effects via adenosine receptor activation. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218619	3.7	3
6	A novel taxane, difluorovinyl-ortataxel, effectively overcomes paclitaxel-resistance in breast cancer cells. <i>Cancer Letters</i> , <b>2020</b> , 491, 36-49	9.9	3
5	Structure-activity relationship studies on 2,5,6-trisubstituted benzimidazoles targeting $\gamma$ -FtsZ as antitubercular agents. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 78-94	3.5	3
4	Computational Design and Synthesis of Novel Fluoro-Analogs of Combretastatins A-4 and A-1. <i>Journal of Fluorine Chemistry</i> , <b>2017</b> , 203, 193-199	2.1	2
3	Structure and inhibition of <i>Cryptococcus neoformans</i> sterylglucosidase to develop antifungal agents. <i>Nature Communications</i> , <b>2021</b> , 12, 5885	17.4	1
2	Design, synthesis and SAR study of Fluorine-containing 3rd-generation taxoids.. <i>Bioorganic Chemistry</i> , <b>2021</b> , 119, 105578	5.1	0

1 Potent antitumor activity of novel taxoids in anaplastic thyroid cancer. *Endocrine*, **2021**, 1

4 ○