

# Federica Pollastro

## List of Publications by Citations

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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.

52  
papers

1,093  
citations

20  
h-index

31  
g-index

57  
ext. papers

1,413  
ext. citations

4.8  
avg, IF

4.53  
L-index

#	Paper	IF	Citations
52	Comprehensive Analysis of Mouse Bitter Taste Receptors Reveals Different Molecular Receptive Ranges for Orthologous Receptors in Mice and Humans. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 15358-77	5.4	118
51	Cannabis Phenolics and their Bioactivities. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 1160-1185	4.3	77
50	Target regulation of PI3K/Akt/mTOR pathway by cannabidiol in treatment of experimental multiple sclerosis. <i>Fitoterapia</i> , <b>2017</b> , 116, 77-84	3.2	70
49	Anti-inflammatory and antioxidant effects of a combination of cannabidiol and moringin in LPS-stimulated macrophages. <i>Fitoterapia</i> , <b>2016</b> , 112, 104-15	3.2	60
48	Cannabidiol Modulates the Expression of Alzheimer's Disease-Related Genes in Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 18,	6.3	50
47	The cannabinoid quinol VCE-004.8 alleviates bleomycin-induced scleroderma and exerts potent antifibrotic effects through peroxisome proliferator-activated receptor- $\alpha$ and CB2 pathways. <i>Scientific Reports</i> , <b>2016</b> , 6, 21703	4.9	50
46	VCE-003.2, a novel cannabigerol derivative, enhances neuronal progenitor cell survival and alleviates symptomatology in murine models of Huntington's disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 29789	4.9	45
45	Polyacetylenes from sardinian <i>Oenanthe fistulosa</i> : a molecular clue to risus sardonius. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 962-5	4.9	40
44	Cannabidiol Modulates the Immunophenotype and Inhibits the Activation of the Inflammasome in Human Gingival Mesenchymal Stem Cells. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 559	4.6	39
43	Gingival Stromal Cells as an In Vitro Model: Cannabidiol Modulates Genes Linked With Amyotrophic Lateral Sclerosis. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 819-828	4.7	36
42	In Vitro Model of Neuroinflammation: Efficacy of Cannabigerol, a Non-Psychoactive Cannabinoid. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	34
41	A new formulation of cannabidiol in cream shows therapeutic effects in a mouse model of experimental autoimmune encephalomyelitis. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 23, 48	3.9	27
40	Cannabinoid CB2 receptors are involved in the protection of RAW264.7 macrophages against the oxidative stress: an in vitro study. <i>European Journal of Histochemistry</i> , <b>2017</b> , 61, 2749	2.1	25
39	Cannabidiol exerts protective effects in an in vitro model of Parkinson's disease activating AKT/mTOR pathway. <i>Fitoterapia</i> , <b>2020</b> , 143, 104553	3.2	24
38	Genepolide, a sesterpene gamma-lactone with a novel carbon skeleton from mountain wormwood ( <i>Artemisia umbelliformis</i> ). <i>Journal of Natural Products</i> , <b>2009</b> , 72, 340-4	4.9	24
37	Amorfrutin-type phytocannabinoids from <i>Helichrysum umbraculigerum</i> . <i>Fitoterapia</i> , <b>2017</b> , 123, 13-17	3.2	22
36	The $\gamma$ - $\beta$ Artemisia species. Ethnopharmacology, cultivation, phytochemistry, and bioactivity. <i>Fitoterapia</i> , <b>2015</b> , 106, 231-41	3.2	22

35	Neuroactive and Anti-inflammatory Frankincense Cembranes: A Structure-Activity Study. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 1762-8	4.9	22
34	Could the Combination of Two Non-Psychotropic Cannabinoids Counteract Neuroinflammation? Effectiveness of Cannabidiol Associated with Cannabigerol. <i>Medicina (Lithuania)</i> , <b>2019</b> , 55,	3.1	22
33	Treatment of Periodontal Ligament Stem Cells with MOR and CBD Promotes Cell Survival and Neuronal Differentiation via the PI3K/Akt/mTOR Pathway. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	20
32	Protective role of arzanol against lipid peroxidation in biological systems. <i>Chemistry and Physics of Lipids</i> , <b>2011</b> , 164, 24-32	3.7	19
31	Topical anti-inflammatory activity of Eupatilin, a lipophilic flavonoid from mountain wormwood ( <i>Artemisia umbelliformis</i> Lam.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 7726-30	5.7	19
30	Sesquiterpenoids from Common Ragweed ( <i>Ambrosia artemisiifolia</i> L.), an Invasive Biological Polluter. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 5162-5170	3.2	18
29	The Oxidation of Phytocannabinoids to Cannabinoquinoids. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1711-1715	4.5	18
28	Effects of Artemetin on Nitric Oxide Release and Protection against Peroxidative Injuries in Porcine Coronary Artery Endothelial Cells. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 1339-1348	6.7	16
27	The Bibenzyl Canniprene Inhibits the Production of Pro-Inflammatory Eicosanoids and Selectively Accumulates in Some Cannabis sativa Strains. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 731-734	4.9	14
26	Cannabidiol Activates Neuronal Precursor Genes in Human Gingival Mesenchymal Stromal Cells. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 1531-1546	4.7	14
25	STAT-3 inhibitory bisabolanes from <i>Carthamus glaucus</i> . <i>Journal of Natural Products</i> , <b>2012</b> , 75, 453-8	4.9	13
24	Carbonyl Activation in Electrophilic Polyene Cyclizations: A Toolbox for the Design of Isoprenoid Libraries. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7935-7938	16.4	12
23	Block and allosteric modulation of GABAergic currents by oenanthotoxin in rat cultured hippocampal neurons. <i>British Journal of Pharmacology</i> , <b>2010</b> , 160, 1302-15	8.6	12
22	Cannabichromene. <i>Natural Product Communications</i> , <b>2018</b> , 13, 1934578X1801300	0.9	11
21	Chemoproteomic fishing identifies arzanol as a positive modulator of brain glycogen phosphorylase. <i>Chemical Communications</i> , <b>2018</b> , 54, 12863-12866	5.8	11
20	One-Pot Total Synthesis of Cannabinol via Iodine-Mediated Deconstructive Annulation. <i>Organic Letters</i> , <b>2019</b> , 21, 6122-6125	6.2	10
19	Bioactive triterpenoids from the caffeine-rich plants guayusa and maté. <i>Food Research International</i> , <b>2019</b> , 115, 504-510	7	10
18	Absinthin, an agonist of the bitter taste receptor hTAS2R46, uncovers an ER-to-mitochondria Ca-shuttling event. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 12472-12482	5.4	9

17	Δ-Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2502-2510	4.9	8
16	Iodine-Promoted Aromatization of p-Menthane-Type Phytocannabinoids. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 630-633	4.9	8
15	Separation and non-separation methods for the analysis of cannabinoids in <i>Cannabis sativa</i> L. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 206, 114346	3.5	6
14	The dietary flavonoid eupatilin attenuates in vitro lipid peroxidation and targets lipid profile in cancer HeLa cells. <i>Food and Function</i> , <b>2020</b> , 11, 5179-5191	6.1	5
13	Discriminating different <i>Cannabis sativa</i> L. chemotypes using attenuated total reflectance - infrared (ATR-FTIR) spectroscopy: A proof of concept. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 204, 114270	3.5	5
12	Determination of melatonin content of different varieties of hemp ( <i>Cannabis sativa</i> L.) by liquid chromatography tandem mass spectrometry. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	4
11	O-Methyl Phytocannabinoids: Semi-synthesis, Analysis in Cannabis Flowerheads, and Biological Activity. <i>Planta Medica</i> , <b>2019</b> , 85, 981-986	3.1	4
10	The Transcriptomic Analysis of NSC-34 Motor Neuron-Like Cells Reveals That Cannabigerol Influences Synaptic Pathways: A Comparative Study with Cannabidiol. <i>Life</i> , <b>2020</b> , 10,	3	4
9	Mapping the expression of transient receptor potential channels across murine placental development. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 4993-5014	10.3	4
8	Anti-inflammatory Activity of Absinthin and Derivatives in Human Bronchoepithelial Cells. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1740-1750	4.9	3
7	The dimerization of Δ-tetrahydrocannabinolic acid A (THCA-A). <i>Acta Pharmaceutica Sinica B</i> , <b>2019</b> , 9, 1078-1083	10.3	2
6	Effects of quercetin and artemetin prenylation on bioavailability and bioactivity. <i>Chemistry and Physics of Lipids</i> , <b>2021</b> , 240, 105137	3.7	2
5	An Artemisia-derived natural product-based fluorescent probe for the bitter taste receptor hTAS2R38. <i>Floterap</i> , <b>2018</b> , 127, 252-256	3.2	1
4	Effect of the natural polymethoxylated flavone artemetin on lipid oxidation and its impact on cancer cell viability and lipids.. <i>Floterap</i> , <b>2021</b> , 156, 105102	3.2	1
3	Biomimetic Approaches to the Synthesis of Natural Disesquiterpenoids: An Update. <i>Plants</i> , <b>2021</b> , 10,	4.5	1
2	Agathadiol, a labdane diterpenoid from juniper berries, is a positive allosteric modulator of CBR. <i>Floterap</i> , <b>2021</b> , 155, 105059	3.2	0
1	Peroxisome Proliferator Activated Receptors and Cannabinoids <b>2017</b> , 671-679		