

# Barbara Michalak

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

242  
citations

1051969

10  
h-index

1113639

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20  
all docs

20  
docs citations

20  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNAs as Regulators of Phagocytosis. <i>Cells</i> , 2022, 11, 1380.	1.8	2
2	The Impact of Cytokines on Neutrophilsâ€™ Phagocytosis and NET Formation during Sepsisâ€™ A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5076.	1.8	7
3	Phagocytosis, Degranulation and Extracellular Traps Release by Neutrophilsâ€™ The Current Knowledge, Pharmacological Modulation and Future Prospects. <i>Frontiers in Pharmacology</i> , 2021, 12, 666732.	1.6	41
4	Germacranolides from <i>Carpesium divaricatum</i> : Some New Data on Cytotoxic and Anti-Inflammatory Activity. <i>Molecules</i> , 2021, 26, 4644.	1.7	4
5	UHPLCâ€DADâ€ESIâ€MS/MS and HPTLC profiling of ash leaf samples from different commercial and natural sources and their in vitro effects on mediators of inflammation. <i>Phytochemical Analysis</i> , 2020, 31, 57-67.	1.2	12
6	The bioactivity of flavonoid glucuronides and free aglycones in the context of their absorption, II phase metabolism and deconjugation at the inflammation site. <i>Food and Chemical Toxicology</i> , 2020, 135, 110929.	1.8	5
7	<i>Inula helenium</i> and <i>Grindelia squarrosa</i> as a source of compounds with anti-inflammatory activity in human neutrophils and cultured human respiratory epithelium. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112311.	2.0	30
8	A New Diterpene and Anti-inflammatory Sesquiterpene Lactones from <i>Sigesbeckia orientalis</i> . <i>Planta Medica</i> , 2020, 86, 1108-1117.	0.7	6
9	Alantolactone Enhances the Phagocytic Properties of Human Macrophages and Modulates Their Proinflammatory Functions. <i>Frontiers in Pharmacology</i> , 2020, 11, 1339.	1.6	14
10	Constituents of <i>Xerolekia speciosissima</i> (L.) Anderb. (Inuleae), and Anti-Inflammatory Activity of 7,10-Diisobutyryloxy-8,9-epoxythymyl Isobutyrate. <i>Molecules</i> , 2020, 25, 4913.	1.7	9
11	Root Extracts From <i>Ononis spinosa</i> Inhibit IL-8 Release via Interactions With Toll-Like Receptor 4 and Lipopolysaccharide. <i>Frontiers in Pharmacology</i> , 2020, 11, 889.	1.6	9
12	<i>Grindelia squarrosa</i> Extract and Grindelic Acid Modulate Pro-inflammatory Functions of Respiratory Epithelium and Human Macrophages. <i>Frontiers in Pharmacology</i> , 2020, 11, 534111.	1.6	4
13	<i>Carpesium divaricatum</i> Sieb. & Zucc. Revisited: Newly Identified Constituents from Aerial Parts of the Plant and Their Possible Contribution to the Biological Activity of the Plant. <i>Molecules</i> , 2019, 24, 1614.	1.7	13
14	<i>Syringa vulgaris</i> bark as a source of compounds affecting the release of inflammatory mediators from human neutrophils and monocytes/macrophages. <i>Phytochemistry Letters</i> , 2019, 30, 309-313.	0.6	12
15	Eupatoriopicrin Inhibits Pro-inflammatory Functions of Neutrophils via Suppression of IL-8 and TNF-alpha Production and p38 and ERK 1/2 MAP Kinases. <i>Journal of Natural Products</i> , 2019, 82, 375-385.	1.5	10
16	Inhibition of Pro-Inflammatory Functions of Human Neutrophils by Constituents of <i>Melodorum fruticosum</i> Leaves. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800269.	1.0	7
17	Effects of Phytochemically Characterized Extracts From <i>Syringa vulgaris</i> and Isolated Secoiridoids on Mediators of Inflammation in a Human Neutrophil Model. <i>Frontiers in Pharmacology</i> , 2018, 9, 349.	1.6	20
18	Lignans From <i>Forsythia x Intermedia</i> Leaves and Flowers Attenuate the Pro-inflammatory Function of Leukocytes and Their Interaction With Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 401.	1.6	20

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19	Isolation of spilanthol from <i>Acmella oleracea</i> based on Green Chemistry and evaluation of its in vitro anti-inflammatory activity. <i>Journal of Supercritical Fluids</i> , 2018, 140, 372-379.	1.6	17