

# Jan Sarek

## List of Publications by Year in descending order

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22  
papers

1,300  
citations

623574

14  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Substituted dienes prepared from betulinic acid – Synthesis, cytotoxicity, mechanism of action, and pharmacological parameters. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113706.	2.6	6
2	Spermine amides of selected triterpenoid acids: dynamic supramolecular system formation influences the cytotoxicity of the drugs. <i>Journal of Materials Chemistry B</i> , 2020, 8, 484-491.	2.9	22
3	2-Deoxyglycoside Conjugates of Lupane Triterpenoids with High Cytotoxic Activity – Synthesis, Activity, and Pharmacokinetic Profile. <i>Bioconjugate Chemistry</i> , 2019, 30, 2844-2858.	1.8	9
4	Synthesis and Cytotoxic Activity of Triterpenoid Thiazoles Derived from Allobetulin, Methyl Betulonate, Methyl Oleanonate, and Oleanonic Acid. <i>ChemMedChem</i> , 2017, 12, 390-398.	1.6	21
5	Synthesis and antiproliferative properties of new hydrophilic esters of triterpenic acids. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 403-420.	2.6	22
6	Lupane and 18 $\beta$ -oleanane derivatives substituted in the position 2, their cytotoxicity and influence on cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 120-131.	2.6	19
7	Synthesis of 3 $\beta$ -deuterated 7 $\beta$ -hydroxy-DHEA and 7-oxo-DHEA and application in LC-MS/MS plasma analysis. <i>Steroids</i> , 2016, 112, 88-94.	0.8	6
8	15N-labelled pyrazines of triterpenic acids. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 733-739.	0.7	5
9	Pentacyclic triterpenoids with nitrogen- and sulfur-containing heterocycles: synthesis and medicinal significance. <i>Natural Product Reports</i> , 2015, 32, 1303-1330.	5.2	108
10	Preparation of Conjugates of Cytotoxic Lupane Triterpenes with Biotin. <i>Bioconjugate Chemistry</i> , 2015, 26, 2563-2570.	1.8	21
11	Synthesis of cytotoxic 2,2-difluoroderivatives of dihydrobetulinic acid and allobetulin and study of their impact on cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 482-490.	2.6	27
12	Synthesis of selectively deuterated and tritiated lupane derivatives with cytotoxic activity. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1149-1157.	0.7	10
13	Cytotoxic heterocyclic triterpenoids derived from betulin and betulinic acid. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3666-3674.	1.4	55
14	Study of stereoselectivity of reduction of 18-oxo des-E triterpenoids by sodium borohydride in the presence of cerium chloride. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1011-1020.	1.8	4
15	Preparation of new 18 $\beta$ -oleanane alcohols: synthesis, characterization, and cytotoxic activity. <i>Monatshefte für Chemie</i> , 2010, 141, 233-244.	0.9	12
16	Synthesis and Evaluation of Biological Activity of the Quaternary Ammonium Salts of Lupane-, Oleanane-, and Ursane-Type Acids. <i>Synthesis</i> , 2010, 2010, 3839-3848.	1.2	13
17	Triterpenoid Pyrazines and Benzopyrazines with Cytotoxic Activity. <i>Journal of Natural Products</i> , 2007, 70, 526-532.	1.5	73
18	Pharmacological activities of natural triterpenoids and their therapeutic implications. <i>Natural Product Reports</i> , 2006, 23, 394.	5.2	587

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19	Influence of esterification and modification of A-ring in a group of lupane acids on their cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5527-5535.	1.4	50
20	Correlation of cytotoxic activity of betulinines and their hydroxy analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4196-4200.	1.0	31
21	Synthesis of A-Seco Derivatives of Betulinic Acid with Cytotoxic Activity. <i>Journal of Natural Products</i> , 2004, 67, 1100-1105.	1.5	116
22	New Lupane Derived Compounds with Pro-Apoptotic Activity in Cancer Cells: Synthesis and Structure-Activity Relationships. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 5402-5415.	2.9	83