

Katarzyna Malarz

List of Publications by Year in descending order

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45
papers

895
citations

394421

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h-index

501196

28
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all docs

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docs citations

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times ranked

1215
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer activity of the thiosemicarbazones that are based on di-2-pyridine ketone and quinoline moiety. <i>European Journal of Medicinal Chemistry</i> , 2019, 171, 180-194.	5.5	61
2	Advanced SA/PVA-based hydrogel matrices with prolonged release of Aloe vera as promising wound dressings. <i>Materials Science and Engineering C</i> , 2021, 120, 111667.	7.3	60
3	The synthesis and anticancer activity of 2-styrylquinoline derivatives. A p53 independent mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 338-349.	5.5	46
4	The role of oxidative stress in activity of anticancer thiosemicarbazones. <i>Oncotarget</i> , 2018, 9, 17689-17710.	1.8	45
5	Pyrrolidinium-Based Ionic Liquids as Sustainable Media in Heat-Transfer Processes. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11024-11033.	6.7	44
6	Design, Synthesis and In Vitro Activity of Anticancer Styrylquinolines. The p53 Independent Mechanism of Action. <i>PLoS ONE</i> , 2015, 10, e0142678.	2.5	44
7	Unique properties of silver and copper silica-based nanocomposites as antimicrobial agents. <i>RSC Advances</i> , 2017, 7, 28092-28104.	3.6	40
8	Anticancer activity of 4-phenyl-2,2',6'-terpyridines behind the metal complexation. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112039.	5.5	38
9	Distribution of some pectic and arabinogalactan protein epitopes during <i>Solanum lycopersicum</i> (L.) adventitious root development. <i>BMC Plant Biology</i> , 2017, 17, 25.	3.6	34
10	Design and synthesis of anticancer 1-hydroxynaphthalene-2-carboxanilides with a p53 independent mechanism of action. <i>Scientific Reports</i> , 2019, 9, 6387.	3.3	32
11	Phenothiazine derivatives - synthesis, characterization, and theoretical studies with an emphasis on the solvatochromic properties. <i>Journal of Molecular Liquids</i> , 2019, 285, 515-525.	4.9	31
12	Small molecule glycoconjugates with anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 130-144.	5.5	30
13	Theoretical and Experimental Investigations of Large Stokes Shift Fluorophores Based on a Quinoline Scaffold. <i>Molecules</i> , 2020, 25, 2488.	3.8	28
14	Cytotoxicity of Ionic Liquids on Normal Human Dermal Fibroblasts in the Context of Their Present and Future Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7649-7657.	6.7	26
15	Comprehensive exploration of the optical and biological properties of new quinoline based cellular probes. <i>Dyes and Pigments</i> , 2017, 144, 119-132.	3.7	23
16	Thiazole-based nitrogen mustards: Design, synthesis, spectroscopic studies, DFT calculation, molecular docking, and antiproliferative activity against selected human cancer cell lines. <i>Journal of Molecular Structure</i> , 2016, 1119, 139-150.	3.6	21
17	Piperaziny fragment improves anticancer activity of Triapine. <i>PLoS ONE</i> , 2018, 13, e0188767.	2.5	21
18	Glycofullerenes as non-receptor tyrosine kinase inhibitors- towards better nanotherapeutics for pancreatic cancer treatment. <i>Scientific Reports</i> , 2020, 10, 260.	3.3	20

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19	New derivatives of 4-phenyl-2,6-dimethyl-2-terpyridine as promising anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113032.	5.5	20
20	4-Phenyl-2,6-dimethyl-2-terpyridine Derivatives Containing 1-Substituted-3-Triazole Ring: Synthesis, Characterization and Anticancer Activity. <i>ChemistrySelect</i> , 2018, 3, 7009-7017.	1.5	16
21	Iron Chelators and Exogenic Photosensitizers. Synergy through Oxidative Stress Gene Expression. <i>Journal of Cancer</i> , 2017, 8, 1979-1987.	2.5	15
22	Quinoline Alkaloids Against Neglected Tropical Diseases. <i>Current Organic Chemistry</i> , 2017, 21, .	1.6	15
23	Influence of the substituent D/A at the 1,2,3-triazole ring on novel terpyridine derivatives: synthesis and properties. <i>RSC Advances</i> , 2019, 9, 16554-16564.	3.6	14
24	The p53 stabilizing agent CP-31398 and multi-kinase inhibitors. Designing, synthesizing and screening of styrylquinazoline series. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 610-625.	5.5	14
25	The Effect of Glycerin Content in Sodium Alginate/Poly(vinyl alcohol)-Based Hydrogels for Wound Dressing Application. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12022.	4.1	14
26	Live cell imaging by 3-imino-(2-phenol)-1,8-naphthalimides: The effect of ex vivo hydrolysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118442.	3.9	12
27	Novel Benzenesulfonate Scaffolds with a High Anticancer Activity and G2/M Cell Cycle Arrest. <i>Cancers</i> , 2021, 13, 1790.	3.7	11
28	Glioblastoma: Pitfalls and Opportunities of Immunotherapeutic Combinations. <i>OncoTargets and Therapy</i> , 2022, Volume 15, 437-468.	2.0	11
29	Acid selective pro-dye for cellular compartments. <i>Scientific Reports</i> , 2019, 9, 15304.	3.3	10
30	Investigation of the Antimycobacterial Activity of 8-Hydroxyquinolines. <i>Medicinal Chemistry</i> , 2015, 11, 771-779.	1.5	10
31	Physicochemical and structural features of heat treated silver-silica nanocomposite and their impact on biological properties. <i>Materials Science and Engineering C</i> , 2019, 103, 109790.	7.3	9
32	The Landscape of the Anti-Kinase Activity of the IDH1 Inhibitors. <i>Cancers</i> , 2020, 12, 536.	3.7	9
33	An Organic-Inorganic Hybrid Nanocomposite as a Potential New Biological Agent. <i>Nanomaterials</i> , 2020, 10, 2551.	4.1	8
34	Effect of the complex-formation ability of thiosemicarbazones containing (aza)benzene or 3-nitro-1,8-naphthalimide unit towards Cu(II) and Fe(III) ions on their anticancer activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 415, 113314.	3.9	8
35	1,8-Naphthalimides 3-substituted with imine or β^2 -ketoenamine unit evaluated as compounds for organic electronics and cell imaging. <i>Dyes and Pigments</i> , 2021, 193, 109508.	3.7	8
36	Anticancer potential and through study of the cytotoxicity mechanism of ionic liquids that are based on the trifluoromethanesulfonate and bis(trifluoromethylsulfonyl)imide anions. <i>Journal of Hazardous Materials</i> , 2022, 427, 128160.	12.4	8

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37	Comparative Study of the High Pressure Thermophysical Properties of 1-Ethyl-3-methylimidazolium and 1,3-Diethylimidazolium Ethyl Sulfates for Use as Sustainable and Efficient Hydraulic Fluids. ACS Sustainable Chemistry and Engineering, 2018, 6, 10934-10943.	6.7	7
38	Photofunctionalization effect and biological ageing of PEEK, TiO ₂ and ZrO ₂ abutments material. Materials Science and Engineering C, 2021, 121, 111823.	7.3	6
39	Luminescence and Electrochemical Activity of New Unsymmetrical 3-Imino-1,8-naphthalimide Derivatives. Materials, 2021, 14, 5504.	2.9	6
40	Synthesis and applications of [60]fullerene nanoconjugate with 5-aminolevulinic acid and its glycoconjugate as drug delivery vehicles. RSC Advances, 2022, 12, 6377-6388.	3.6	6
41	Impact of thiosemicarbazones on the accumulation of PpIX and the expression of the associated genes. Journal of Photochemistry and Photobiology B: Biology, 2019, 199, 111585.	3.8	4
42	Impact of temperature on the physicochemical, structural and biological features of copper-silica nanocomposites. Materials Science and Engineering C, 2020, 107, 110274.	7.3	4
43	The effect of high-pressure on organocatalyzed ROP of $\hat{1}^3$ -butyrolactone. Polymer, 2021, 233, 124166.	3.8	4
44	High pressure as a novel tool for the cationic ROP of $\hat{1}^3$ -butyrolactone. RSC Advances, 2021, 11, 34806-34819.	3.6	2
45	Examining the influence of olanzapine on the protein adsorption on the surface of biodegradable poly(hydroxybutyrate-co-hydroxyvalerate) nano/micro-carriers. Applied Surface Science, 2021, 565, 150543.	6.1	0