

Marijana Hranjec

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,577
citations

304743

22
h-index

315739

38
g-index

60
all docs

60
docs citations

60
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Computational Study of the Protonation Equilibria of Amino-Substituted benzo[b]thieno[2,3-b]pyrido[1,2-a]benzimidazoles as Novel pH-Sensing Materials. <i>Chemosensors</i> , 2022, 10, 21.	3.6	3
2	Design, synthesis, biological evaluation and QSAR analysis of novel <i>N</i> -substituted benzimidazole derived carboxamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1327-1339.	5.2	2
3	Biological evaluation of novel bicyclic heteroaromatic benzazole derived acrylonitriles: synthesis, antiproliferative and antibacterial activity. <i>Medicinal Chemistry Research</i> , 2022, 31, 1339-1350.	2.4	1
4	Imidazo[4,5-b]pyridine derived tubulin polymerization inhibitors: Design, synthesis, biological activity in vitro and computational analysis. <i>Bioorganic Chemistry</i> , 2022, 127, 106032.	4.1	9
5	Preclinical <i>in vitro</i> screening of newly synthesised amidino substituted benzimidazoles and benzothiazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 163-174.	5.2	14
6	Novel amino substituted tetracyclic imidazo[4,5-b]pyridine derivatives: Design, synthesis, antiproliferative activity and DNA/RNA binding study. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113342.	5.5	17
7	Biological Activity of Newly Synthesized Benzimidazole and Benzothiazole 2,5-Disubstituted Furane Derivatives. <i>Molecules</i> , 2021, 26, 4935.	3.8	13
8	Novel imidazo[4,5-b]pyridine derived acrylonitriles: A combined experimental and computational study of their antioxidative potential. <i>Journal of Molecular Liquids</i> , 2021, 342, 117527.	4.9	12
9	Synthesis, Computational Analysis, and Antiproliferative Activity of Novel Benzimidazole Acrylonitriles as Tubulin Polymerization Inhibitors: Part 2. <i>Pharmaceuticals</i> , 2021, 14, 1052.	3.8	6
10	Synthesis and Antiproliferative Activity of Novel 2-Substituted <i>N</i> -Methylated Benzimidazoles and Tetracyclic Benzimidazo [1,2- <i>a</i>]Quinolines. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 343-354.	2.6	6
11	Synthesis, antiproliferative activity and DNA/RNA-binding properties of mono- and bis-(1,2,3-triazoly)-appended benzimidazo[1,2- <i>a</i>]quinoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111845.	5.5	21
12	Antiproliferative activity and mode of action analysis of novel amino and amido substituted phenanthrene and naphtho[2,1- <i>b</i>]thiophene derivatives. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111833.	5.5	13
13	Photophysical properties and immobilisation of fluorescent pH responsive aminated benzimidazo[1,2- <i>a</i>]quinoline-6-carbonitriles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117588.	3.9	5
14	Benzazole Substituted Iminocoumarins as Potential Antioxidants with Antiproliferative Activity. <i>Medicinal Chemistry</i> , 2020, 17, 13-20.	1.5	5
15	Biological Potential of Novel Methoxy and Hydroxy Substituted Heteroaromatic Amides Designed as Promising Antioxidative Agents: Synthesis, 3D-QSAR Analysis, and Biological Activity. <i>Chemical Research in Toxicology</i> , 2019, 32, 1880-1892.	3.3	7
16	Experimental and Computational Study of the Antioxidative Potential of Novel Nitro and Amino Substituted Benzimidazole/Benzothiazole-2-Carboxamides with Antiproliferative Activity. <i>Antioxidants</i> , 2019, 8, 477.	5.1	12
17	Synthesis and Antiproliferative activity in vitro of Amidino Substituted 2-phenylbenzazoles. <i>Croatica Chemica Acta</i> , 2019, 92, 181-189.	0.4	3
18	Tuneable solid-state emitters based on benzimidazole derivatives: Aggregation induced red emission and mechanochromism of D- π -A fluorophores. <i>Dyes and Pigments</i> , 2019, 162, 688-696.	3.7	48

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19	Colourimetric and fluorimetric metal ion chemosensor based on a benzimidazole functionalised Schiff base. <i>Supramolecular Chemistry</i> , 2018, 30, 891-900.	1.2	6
20	Different positions of amide side chains on the benzimidazo[1,2- <i>a</i>]quinoline skeleton strongly influence biological activity. <i>New Journal of Chemistry</i> , 2018, 42, 7096-7104.	2.8	20
21	Antibacterial and antiproliferative activity of novel 2-benzimidazolyl- and 2-benzothiazolyl-substituted benzo[<i>b</i>]thieno-2-carboxamides. <i>Molecular Diversity</i> , 2018, 22, 637-646.	3.9	14
22	Benzimidazole functionalised Schiff bases: Novel pH sensitive fluorescence turn-on chromoionophores for ion-selective optodes. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 415-423.	7.8	47
23	Amino-Substituted Benzamide Derivatives as Promising Antioxidant Agents: A Combined Experimental and Computational Study. <i>Chemical Research in Toxicology</i> , 2018, 31, 974-984.	3.3	19
24	Reversible pH switchable aggregation-induced emission of self-assembled benzimidazole-based acrylonitrile dye in aqueous solution. <i>Dyes and Pigments</i> , 2017, 142, 108-115.	3.7	29
25	Benzimidazole acrylonitriles as multifunctional push-pull chromophores: Spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 225-233.	3.9	14
26	Novel amidino substituted benzimidazole and benzothiazole benzo[<i>b</i>]thieno-2-carboxamides exert strong antiproliferative and DNA binding properties. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 468-479.	5.5	37
27	Synthesis, antioxidative and antiproliferative activity of methoxy amidino substituted benzamides and benzimidazoles. <i>Medicinal Chemistry Research</i> , 2017, 26, 2024-2037.	2.4	12
28	Synthesis and antiproliferative activity of amino-substituted benzimidazo[1,2- <i>a</i>]quinolines as mesylate salts designed by 3D-QSAR analysis. <i>Molecular Diversity</i> , 2017, 21, 621-636.	3.9	8
29	Fluorescent benzimidazo[1,2- <i>a</i>]quinolines: synthesis, spectroscopic and computational studies of protonation equilibria and metal ion sensitivity. <i>New Journal of Chemistry</i> , 2017, 41, 358-371.	2.8	28
30	Antioxidative and antiproliferative activities of novel pyrido[1,2- <i>a</i>]benzimidazoles. <i>Molecular Diversity</i> , 2017, 21, 201-210.	3.9	10
31	Antiproliferative activity of amino substituted benzo[<i>b</i>]thieno[2,3- <i>b</i>]pyrido[1,2- <i>a</i>]benzimidazoles explored by 2D and 3D cell culture system. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 722-735.	5.5	22
32	Comparison of Antitumor Activity of Some Benzothiophene and Thienothiophene Carboxanilides and Quinolones in 2D and 3D Cell Culture System. <i>Croatica Chemica Acta</i> , 2017, 90, .	0.4	3
33	Synthesis and SAR Study of Novel Amidino 2-substituted Benzimidazoles as Potential Antibacterial Agents. <i>Croatica Chemica Acta</i> , 2017, 90, .	0.4	7
34	Amino substituted benzimidazo[1,2- <i>a</i>]quinolines: Antiproliferative potency, 3D QSAR study and DNA binding properties. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 530-545.	5.5	47
35	Bifunctional fluorescent benzimidazo[1,2- <i>a</i>]quinolines for <i>Candida</i> spp. biofilm detection and biocidal activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 319-326.	3.8	7
36	Antitumor activity of amidino-substituted benzimidazole and benzimidazo[1,2- <i>a</i>]quinoline derivatives tested in 2D and 3D cell culture systems. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1139-1145.	5.2	22

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37	Exploring antiproliferative activity of heteroaromatic amides and their fused derivatives using 3D-QSAR, synthesis, and biological tests. <i>Monatshefte für Chemie</i> , 2015, 146, 1503-1517.	1.8	6
38	Synthesis, antiproliferative activity and DNA binding properties of novel 5-Aminobenzimidazo[1,2-a]quinoline-6-carbonitriles. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 218-227.	5.5	40
39	Biological activity and DNA binding studies of 2-substituted benzimidazo[1,2-a]quinolines bearing different amino side chains. <i>MedChemComm</i> , 2013, 4, 1537.	3.4	33
40	Antiproliferative potency of novel benzofuran-2-carboxamides on tumour cell lines: Cell death mechanisms and determination of crystal structure. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 111-119.	5.5	45
41	Synthesis, crystal structure and spectroscopic study of novel benzimidazoles and benzimidazo[1,2-a]quinolines as potential chemosensors for different cations. <i>Dyes and Pigments</i> , 2012, 95, 644-656.	3.7	30
42	Synthesis, crystal structure determination and antiproliferative activity of novel 2-amino-4-aryl-4,10-dihydro[1,3,5]triazino[1,2-a]benzimidazoles. <i>Journal of Molecular Structure</i> , 2012, 1007, 242-251.	3.6	25
43	Novel biologically active nitro and amino substituted benzimidazo[1,2-a]quinolines. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6329-6339.	3.0	44
44	Novel aminated benzimidazo[1,2-a]quinolines as potential fluorescent probes for DNA detection: Microwave-assisted synthesis, spectroscopic characterization and crystal structure determination. <i>Dyes and Pigments</i> , 2011, 91, 79-88.	3.7	28
45	Synthesis, spectroscopic characterization and antiproliferative evaluation in vitro of novel Schiff bases related to benzimidazoles. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2274-2279.	5.5	106
46	Novel imidazo[4,5-b]pyridine and triaza-benzo[c]fluorene derivatives: Synthesis, antiproliferative activity and DNA binding studies. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2748-2758.	5.5	46
47	Benzimidazole derivatives related to 2,3-acrylonitriles, benzimidazo[1,2-a]quinolines and fluorenes: Synthesis, antitumor evaluation in vitro and crystal structure determination. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2405-2417.	5.5	101
48	Crystal structure and synthesis of benzimidazole substituted acrylonitriles and benzimidazo[1,2-a]quinolines. <i>Structural Chemistry</i> , 2009, 20, 91-99.	2.0	6
49	Novel Derivatives of Pyridylbenzo[<i>b</i>]thiophene-2-carboxamides and Benzo[<i>b</i>]thieno[2,3- <i>c</i>]naphthyridin-2-ones: Minor Structural Variations Provoke Major Differences of Antitumor Action Mechanisms. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2482-2492.	6.4	32
50	Synthesis, spectroscopic properties and crystal structure determination of 2-(2-pyridin-4-yl-vinyl)-1H-benzimidazole derivatives. <i>Structural Chemistry</i> , 2008, 19, 353-359.	2.0	8
51	Synthesis and spectroscopic properties of furyl-phenyl-acrylates and naphthofurans and their interaction with ct-DNA. <i>Monatshefte für Chemie</i> , 2008, 139, 975-983.	1.8	2
52	Synthesis, antitumor evaluation and DNA binding studies of novel amidino-benzimidazolyl substituted derivatives of furyl-phenyl- and thienyl-phenyl-acrylates, naphthofurans and naphthothiophenes. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2877-2890.	5.5	44
53	Novel Amidino-Substituted Thienyl- and Furylvinylbenzimidazole: Derivatives and Their Photochemical Conversion into Corresponding Diazacyclopenta[<i>c</i>]fluorenes. Synthesis, Interactions with DNA and RNA, and Antitumor Evaluation. 4. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4899-4910.	6.4	116
54	Differential antiproliferative mechanisms of novel derivative of benzimidazo[1,2- <i>a</i>]quinoline in colon cancer cells depending on their p53 status. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2121-2132.	4.1	40

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55	Novel Cyano- and Amidino-Substituted Derivatives of Styryl-2-Benzimidazoles and Benzimidazo[1,2- <i>a</i>]quinolines. Synthesis, Photochemical Synthesis, DNA Binding, and Antitumor Evaluation, Part 3. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5696-5711.	6.4	226
56	Spectroscopic characterization, crystal structure determination and interaction with DNA of novel cyano substituted benzimidazole derivative. <i>Structural Chemistry</i> , 2007, 18, 943-949.	2.0	5
57	Synthesis of Novel Benzimidazolyl-substituted Acrylonitriles and Amidino-substituted Benzimidazo[1,2- <i>a</i>]Quinolines. <i>Molecules</i> , 2007, 12, 1817-1828.	3.8	25
58	New Amidino-benzimidazolyl Derivatives of Tylosin and Desmycosin.. <i>Journal of Antibiotics</i> , 2002, 55, 308-314.	2.0	20