

Snezna Rogelj

List of Publications by Year in descending order

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59
papers

5,366
citations

201385

27
h-index

133063

59
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59
all docs

59
docs citations

59
times ranked

5512
citing authors

#	ARTICLE	IF	CITATIONS
1	A human DNA segment with properties of the gene that predisposes to retinoblastoma and osteosarcoma. <i>Nature</i> , 1986, 323, 643-646.	13.7	2,853
2	Design of a Highly Sensitive and Specific Nucleotide Sensor Based on Photon Upconverting Particles. <i>Journal of the American Chemical Society</i> , 2006, 128, 12410-12411.	6.6	235
3	Antibacterial action of a novel functionalized chitosan-arginine against Gram-negative bacteria. <i>Acta Biomaterialia</i> , 2010, 6, 2562-2571.	4.1	203
4	Structural Simplification of Bioactive Natural Products with Multicomponent Synthesis. 2. Antiproliferative and Antitubulin Activities of Pyrano[3,2- <i>c</i>]pyridones and Pyrano[3,2- <i>i</i>]quinolones. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2561-2570.	2.9	160
5	Rapid detection of <i>Escherichia coli</i> O157:H7 by immunomagnetic separation and real-time PCR. <i>International Journal of Food Microbiology</i> , 2005, 99, 47-57.	2.1	155
6	Discovery and Investigation of Antiproliferative and Apoptosis-Inducing Properties of New Heterocyclic Podophyllotoxin Analogues Accessible by a One-Step Multicomponent Synthesis. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5183-5192.	2.9	135
7	Extracellular protein disulfide isomerase regulates ligand-binding activity of $\alpha_5\beta_1$ integrin and neutrophil recruitment during vascular inflammation. <i>Blood</i> , 2013, 121, 3789-3800.	0.6	111
8	Sulfhydryl Regulation of L-Selectin Shedding: Phenylarsine Oxide Promotes Activation-Independent L-Selectin Shedding from Leukocytes. <i>Journal of Immunology</i> , 2000, 164, 4120-4129.	0.4	104
9	Three-component synthesis and anticancer evaluation of polycyclic indenopyridines lead to the discovery of a novel indenoheterocycle with potent apoptosis inducing properties. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3865.	1.5	101
10	Multicomponent synthesis of 2,3-dihydrochromeno[4,3- <i>d</i>]pyrazolo[3,4- <i>b</i>]pyridine-1,6-diones: a novel heterocyclic scaffold with antibacterial activity. <i>Tetrahedron Letters</i> , 2011, 52, 6643-6645.	0.7	91
11	Structural Simplification of Bioactive Natural Products with Multicomponent Synthesis. 3. Fused Uracil-Containing Heterocycles as Novel Topoisomerase-Targeting Agents. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2012-2021.	2.9	73
12	One-Pot Multicomponent Synthesis of Diversely Substituted 2-Aminopyrroles. A Short General Synthesis of Rigidins A, B, C, and D. <i>Organic Letters</i> , 2011, 13, 1118-1121.	2.4	73
13	Single-Walled Carbon Nanotube Purification, Pelletization, and Surfactant-Assisted Dispersion: A Combined TEM and Resonant Micro-Raman Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4455-4463.	1.2	70
14	Antiproliferative and apoptosis inducing properties of pyrano[3,2- <i>c</i>]pyridones accessible by a one-step multicomponent synthesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3872-3876.	1.0	64
15	Anticancer Properties of an Important Drug Lead Podophyllotoxin Can Be Efficiently Mimicked by Diverse Heterocyclic Scaffolds Accessible via One-Step Synthesis. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4234-4246.	2.9	60
16	Sensitive, real-time PCR detects low-levels of contamination by <i>Legionella pneumophila</i> in commercial reagents. <i>Molecular and Cellular Probes</i> , 2006, 20, 147-153.	0.9	52
17	A highly sensitive immuno-PCR assay for detecting Group A <i>Streptococcus</i> . <i>Journal of Immunological Methods</i> , 2003, 279, 101-110.	0.6	49
18	Activity of 2-Aryl-2-(3-indolyl)acetohydroxamates against Drug-Resistant Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2206-2220.	2.9	46

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19	Exploring Natural Product Chemistry and Biology with Multicomponent Reactions. 5. Discovery of a Novel Tubulin-Targeting Scaffold Derived from the Rigidin Family of Marine Alkaloids. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6886-6900.	2.9	45
20	Abiotic degradation and environmental toxicity of ibuprofen: Roles of mineral particles and solar radiation. <i>Water Research</i> , 2018, 131, 22-32.	5.3	45
21	Synthesis and Biological Evaluation of Aromatic Analogues of Conduritol F, l-chiro-Inositol, and Dihydroconduritol F Structurally Related to the Amaryllidaceae Anticancer Constituents. <i>Journal of Organic Chemistry</i> , 2006, 71, 5694-5707.	1.7	43
22	Structural simplification of bioactive natural products with multicomponent synthesis: Dihydropyridopyrazole analogues of podophyllotoxin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1381-1385.	1.0	43
23	Unprecedented C-2 arylation of indole with diazonium salts: Syntheses of 2,3-disubstituted indoles and their antimicrobial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4720-4723.	1.0	41
24	An immuno-PCR method for detecting <i>Bacillus thuringiensis</i> Cry1Ac toxin. <i>Journal of Immunological Methods</i> , 2006, 308, 109-115.	0.6	39
25	Bulbispermine: A Crinine-type Amaryllidaceae Alkaloid Exhibiting Cytostatic Activity toward Apoptosis-resistant Glioma Cells. <i>ChemMedChem</i> , 2012, 7, 815-822.	1.6	33
26	Characterization of tumors produced by signal peptide-basic fibroblast growth factor-transformed cells. <i>Journal of Cellular Biochemistry</i> , 1989, 39, 13-23.	1.2	29
27	Enzyme Destruction by a Protease Contaminant in Bacitracin. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 829-832.	1.0	29
28	Synthetic and Biological Studies of Tubulin Targeting C2-Substituted 7-Deazahypoxanthines Derived from Marine Alkaloid Rigidins. <i>ChemMedChem</i> , 2014, 9, 1428-1435.	1.6	29
29	A toxicological study on photo-degradation products of environmental ibuprofen: Ecological and human health implications. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109892.	2.9	29
30	Expanding our Understanding of Sequence-Function Relationships of Type II Polyketide Biosynthetic Gene Clusters: Bioinformatics-Guided Identification of Frankiamicin A from <i>Frankia</i> sp. EAN1pec. <i>PLoS ONE</i> , 2015, 10, e0121505.	1.1	25
31	Synthesis and biological evaluation of unnatural derivatives of narciclasine: 7-aza-nornarciclasine and its N-oxide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4236-4238.	1.0	23
32	Jonquiline, a new pretazettine-type alkaloid isolated from <i>Narcissus jonquilla</i> quail, with activity against drug-resistant cancer. <i>FÄ-toterapÄ-Äç</i> , 2015, 102, 41-48.	1.1	23
33	Synthetic and Biological Studies of Sesquiterpene Polygodial: Activity of 9-Epipolygodial against Drug-resistant Cancer Cells. <i>ChemMedChem</i> , 2015, 10, 2014-2026.	1.6	22
34	Evidence for a third component in neutrophil aggregation: potential roles of O-linked glycoproteins as L-selectin counter-structures. <i>Journal of Leukocyte Biology</i> , 1995, 58, 510-518.	1.5	21
35	Fate, Transformation, and Toxicological Impacts of Pharmaceutical and Personal Care Products in Surface Waters. <i>Environmental Health Insights</i> , 2018, 12, 117863021879583.	0.6	18
36	Novel Microtubule-Targeting 7-Deazahypoxanthines Derived from Marine Alkaloid Rigidins with Potent in Vitro and in Vivo Anticancer Activities. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 480-485.	2.9	17

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37	Wittig derivatization of sesquiterpenoid polygodial leads to cytostatic agents with activity against drug resistant cancer cells and capable of pyrrolylation of primary amines. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 226-237.	2.6	16
38	5,10b-Ethanophenanthridine amaryllidaceae alkaloids inspire the discovery of novel bicyclic ring systems with activity against drug resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 313-328.	2.6	16
39	The effect of retinoic acid on cyclic-AMP-binding proteins in mouse melanoma cells. <i>FEBS Journal</i> , 1984, 139, 351-357.	0.2	15
40	Photoactivated 2,3-distyrylindoles kill multi-drug resistant bacteria. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1879-1886.	1.0	13
41	Enhanced aggregation of human neutrophils by MnCl ₂ or DTT differentiates the roles of L-selectin and β 2-integrins. <i>Journal of Leukocyte Biology</i> , 1996, 60, 356-364.	1.5	11
42	New method for the synthesis of ammonium salts of O,O'-alkylenedithiophosphoric acid and octathiotetraphosphetane. Crystal structure features of diethylammonium salt of O,O'-propylenedithiophosphoric acid. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 405-410.	0.8	11
43	A catalytic approach to the MH-031 lactone: application to the synthesis of gercalcin analogs. <i>Tetrahedron Letters</i> , 2014, 55, 6266-6268.	0.7	10
44	Cyclic adenosine monophosphate-mediated induction of F9 teratocarcinoma differentiation in the absence of retinoic acid. <i>Journal of Cellular Physiology</i> , 1990, 143, 205-212.	2.0	9
45	Antiproliferative activity of 2,3-disubstituted indoles toward apoptosis-resistant cancers cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3277-3282.	1.0	9
46	Design, synthesis, and evaluation of cystargolide-based β -lactones as potent proteasome inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 962-977.	2.6	9
47	Green Chemistry. Reaction of Elemental Phosphorus (P ₄) and Elemental Sulfur with Protonodonor Reagents: New Methods for the Synthesis of Ammonium Salts of <i>S</i> -Dialkyltetraphosphoric Acids and Octathiotetraphosphetane. <i>Heteroatom Chemistry</i> , 2013, 24, 163-167.	0.4	8
48	Desymmetrization of Cyclopropenes via the Potassium-Templated Diastereoselective 7-exo-trig Cycloaddition of Tethered Amino Alcohols toward Enantiopure Cyclopropane-Fused Oxazepanones with Antimycobacterial Activity. <i>Journal of Organic Chemistry</i> , 2018, 83, 5650-5664.	1.7	8
49	Metal-Templated Assembly of Cyclopropane-Fused Diazepanones and Diazecanones via exo-trig Nucleophilic Cyclization of Cyclopropenes with Tethered Carbamates. <i>Journal of Organic Chemistry</i> , 2018, 83, 13743-13753.	1.7	8
50	Total synthesis and absolute stereochemistry of the proteasome inhibitors cystargolides A and B. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10127-10130.	1.5	7
51	Lipophilic prodrug conjugates allow facile and rapid synthesis of high-loading capacity liposomes without the need for post-assembly purification. <i>Journal of Liposome Research</i> , 2015, 25, 232-260.	1.5	7
52	Microtubule-Targeting 7-Deazahypoxanthines Derived from Marine Alkaloid Rigidins: Exploration of the N3 and N9 Positions and Interaction with Multidrug-Resistance Proteins. <i>ChemMedChem</i> , 2019, 14, 322-333.	1.6	5
53	Synergistic action of substituted indole derivatives and clinically used antibiotics against drug-resistant bacteria. <i>Future Microbiology</i> , 2020, 15, 579-590.	1.0	5
54	A total synthesis of (β)-hortonone C. <i>Tetrahedron</i> , 2017, 73, 359-364.	1.0	4

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55	Construction and expression of transforming gene resulting from fusion of basic fibroblast growth factor gene with signal peptide sequence. <i>Methods in Enzymology</i> , 1991, 198, 117-124.	0.4	2
56	Synthesis and Some Properties of Transition Metal Complexes Based on the Octathiophosphetane Ammonium Salts. <i>Heteroatom Chemistry</i> , 2014, 25, 434-441.	0.4	1
57	Sol-Generating Chemical Vapor into Liquid (SG-CViL) deposition – a facile method for encapsulation of diverse cell types in silica matrices. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1032-1041.	2.9	1
58	Spectroscopic Study of a Photoactive Antibacterial Agent: 2,3-Distyrylindole. <i>Journal of Physical Chemistry A</i> , 2018, 122, 937-945.	1.1	1
59	Photo-physical properties of substituted 2,3-distyryl indoles: Spectroscopic, computational and biological insights. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 376, 73-79.	2.0	1