

Dmitry Baev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced solubility and bioavailability of simvastatin by mechanochemically obtained complexes. <i>International Journal of Pharmaceutics</i> , 2017, 534, 108-118.	2.6	64
2	Efficient synthesis of the first betulonic acid-acetylene hybrids and their hepatoprotective and anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5164-5169.	1.4	46
3	Rapid access to new bioconjugates of betulonic acid via click chemistry. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 62-65.	1.0	45
4	Aliphatic and alicyclic camphor imines as effective inhibitors of influenza virus H1N1. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 661-670.	2.6	38
5	Stereoselective synthesis of 11-phenylundeca-5Z,9Z-dienoic acid and investigation of its human topoisomerase I and III \pm inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2405-2408.	1.0	35
6	Design, Synthesis and Antibacterial Activity of Coumarin-1,2,3-triazole Hybrids Obtained from Natural Furocoumarin Peucedanin. <i>Molecules</i> , 2019, 24, 2126.	1.7	34
7	nZ,(n+4)Z-Dienoic fatty acids: a new method for the synthesis and inhibitory action on topoisomerase I and III \pm . <i>Medicinal Chemistry Research</i> , 2016, 25, 30-39.	1.1	33
8	Synthesis of 1H-1,2,3-triazole linked aryl(arylamidomethyl) dihydrofurocoumarin hybrids and analysis of their cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 119-128.	2.6	27
9	Synthesis of new betulonic acid-peptide conjugates and in vivo and in silico studies of the influence of peptide moieties on the triterpenoid core activity. <i>MedChemComm</i> , 2015, 6, 230-238.	3.5	27
10	Lupane-type conjugates with aminoacids, 1,3,4-oxadiazole and 1,2,5-oxadiazole-2-oxide derivatives: Synthesis, anti-inflammatory activity and in silico evaluation of target affinity. <i>Steroids</i> , 2019, 150, 108443.	0.8	19
11	Triterpenoid saponins from the roots of <i>Acanthophyllum gypsophiloides</i> Regel. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 763-775.	1.3	18
12	Atorvastatin calcium inclusion complexation with polysaccharide arabinogalactan and saponin disodium glycyrrhizate for increasing of solubility and bioavailability. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1200-1213.	3.0	18
13	Design, synthesis, cytotoxicity, and molecular modeling study of 2,4,6-trisubstituted pyrimidines with anthranilate ester moiety. <i>Medicinal Chemistry Research</i> , 2019, 28, 545-558.	1.1	16
14	Synthesis of cytotoxic urs-12-ene- and 28-norurs-12-ene- type conjugates with amino- and mercapto-1,3,4-oxadiazoles and mercapto-1,2,4-triazoles. <i>Steroids</i> , 2020, 153, 108524.	0.8	16
15	11-Phenylundeca-5Z,9Z-dienoic Acid: Stereoselective Synthesis and Dual Topoisomerase I/III \pm Inhibition. <i>Current Cancer Drug Targets</i> , 2015, 15, 504-510.	0.8	14
16	Synthesis, in vivo Anticoagulant Evaluation and Molecular Docking Studies of Bicoumarins Obtained from Furocoumarin Peucedanin. <i>Medicinal Chemistry</i> , 2016, 12, 674-683.	0.7	12
17	Hypolipidemic Berberine Derivatives with a Reduced Aromatic Ring C. <i>Chemistry of Natural Compounds</i> , 2015, 51, 916-922.	0.2	11
18	Evaluation of antioxidant activity and cytotoxicity of polyfluorinated diarylacetylenes and indoles toward human cancer cells. <i>Journal of Fluorine Chemistry</i> , 2019, 226, 109353.	0.9	10

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19	Evaluation of A-azepano-triterpenoids and related derivatives as antimicrobial and antiviral agents. <i>Journal of Antibiotics</i> , 2021, 74, 559-573.	1.0	10
20	Betulonic Acid-Azaprostanoïd Hybrids: Synthesis and Pharmacological Evaluation as Anti-inflammatory Agents. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2020, 19, 254-267.	1.1	8
21	Hybrides of Alkaloid Lappaconitine with Pyrimidine Motif on the Anthranilic Acid Moiety: Design, Synthesis, and Investigation of Antinociceptive Potency. <i>Molecules</i> , 2020, 25, 5578.	1.7	8
22	Phosphonium betaines derived from hexafluoro-1,4-naphthoquinone: Synthesis and cytotoxic and antioxidant activities. <i>Journal of Fluorine Chemistry</i> , 2016, 192, 68-77.	0.9	7
23	Fluorine-Containing and Angular and Linear n -Azapentacyclo[5.6.7] Diaza-Heterocyclic Scaffolds Assembled on Benzene Core in Unified Way. <i>ChemistrySelect</i> , 2019, 4, 2383-2386.	0.7	7
24	Acetylenic derivatives of betulonic acid amide as a new type of compounds possessing spasmolytic activity. <i>Russian Chemical Bulletin</i> , 2015, 64, 1327-1334.	0.4	6
25	Bornyl Derivatives of p-(Benzyloxy)Phenylpropionic Acid: In Vivo Evaluation of Antidiabetic Activity. <i>Pharmaceuticals</i> , 2020, 13, 404.	1.7	5
26	1-Hydroxyanthraquinones Containing Aryl Substituents as Potent and Selective Anticancer Agents. <i>Molecules</i> , 2020, 25, 2547.	1.7	5
27	Synthesis and Cytotoxicity of Sulfanyl, Sulfinyl and Sulfonyl Group Containing Ursane Conjugates with 1,3,4-Oxadiazoles and 1,2,4-Triazoles. <i>ChemistrySelect</i> , 2021, 6, 6472-6477.	0.7	5
28	Cross-Coupling-Cyclocondensation Reaction Sequence to Access a Library of Ring-Bridged Pyrimidino-tetrahydrothebaines and Pyrimidinotetrahydroopipavines. <i>ChemistrySelect</i> , 2021, 6, 7391-7397.	0.7	5
29	Rapid Access to Oxazine Fused Furocoumarins and in vivo and in silico Studies of their Biological Activity. <i>Medicinal Chemistry</i> , 2017, 13, 625-632.	0.7	5
30	Genotoxic activity of 1,2,3-triazolyl modified furocoumarins and 2,3-dihydrofurocoumarins. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22396.	1.4	3
31	Fluorescent labeling of ursolic acid with FITC for investigation of its cytotoxic activity using confocal microscopy. <i>Bioorganic Chemistry</i> , 2019, 87, 876-887.	2.0	3
32	Conjugates of Lupane Triterpenoids with Arylpyrimidines: Synthesis and Anti-inflammatory Activity. <i>Steroids</i> , 2022, 184, 109042.	0.8	3
33	The morphofunctional and biochemical characteristics of opisthorchiasis-associated cholangiocarcinoma in a Syrian hamster model. <i>Russian Journal of Genetics: Applied Research</i> , 2016, 6, 454-462.	0.4	2
34	Antimicrobial Activity of Substituted Benzopentathiepin-6-amines. <i>Journal of Antibiotics</i> , 2019, 72, 590-599.	1.0	2
35	Triterpenic Acid Amides as a Promising Agent for Treatment of Metabolic Syndrome. <i>Scientia Pharmaceutica</i> , 2021, 89, 4.	0.7	2
36	Cascade Transformations of 1-R-Ethynyl-9,10-anthraquinones with Amidines: Expanding Access to Isoaporphinoid Alkaloids. <i>Molecules</i> , 2021, 26, 6883.	1.7	2

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37	Synthesis, characterization and anticancer evaluation of nitrogen-substituted 1-(3-aminoprop-1-ynyl)-4-hydroxyanthraquinone derivatives. <i>Medicinal Chemistry Research</i> , 2021, 30, 1541-1556.	1.1	1
38	Synthesis of Anti-Inflammatory Spirostene-Pyrazole Conjugates by a Consecutive Multicomponent Reaction of Diosgenin with Oxalyl Chloride, Arylalkynes and Hydrazines or Hydrazones. <i>Molecules</i> , 2022, 27, 162.	1.7	0