

Nicholas Bodor

List of Publications by Year in descending order

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58
papers

1,560
citations

331670

21
h-index

315739

38
g-index

60
all docs

60
docs citations

60
times ranked

933
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Major Esterase Involved in Hydrolysis of Soft Anticholinergic (2R3â€™™R-SGM) Designed From Glycopyrrolate in Human and Rat Tissues. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2791-2797.	3.3	3
2	Identification of esterase involved in the metabolism of two corticosteroid soft drugs. <i>Biochemical Pharmacology</i> , 2017, 127, 82-89.	4.4	12
3	Potent analogues of etiprednol dicloacetate, a second generation of soft corticosteroids*. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1745-1753.	2.4	4
4	Brain-Targeting Chemical Delivery Systems and Their Cyclodextrin-Based Formulations in Light of the Contributions of Marcus E. Brewster. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2589-2600.	3.3	16
5	Potency and Specificity of the Pharmacological Action of a New, Antiasthmatic, Topically Administered Soft Steroid, Etiprednol Dicloacetate (BNP-166). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 83-92.	2.5	19
6	Designing Safer (Soft) Drugs by Avoiding the Formation of Toxic and Oxidative Metabolites. , 2002, 186, 301-312.		4
7	Receptor binding studies of soft anticholinergic agents. <i>AAPS PharmSci</i> , 2001, 3, 44-56.	1.3	36
8	Targeting drugs to the brain by redox chemical delivery systems. <i>Medicinal Research Reviews</i> , 2000, 20, 367-416.	10.5	124
9	Soft drugs based on hydrocortisone: the inactive metabolite approach and its application to steroidal antiinflammatory agents. <i>Pharmaceutical Research</i> , 1999, 16, 961-967.	3.5	13
10	Metabolism-Based Brain-Targeting System for a Thyrotropin-Releasing Hormone Analogueâ€™. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4563-4571.	6.4	35
11	Design and evaluation of new soft anticholinergic agents. <i>Drug Development Research</i> , 1998, 43, 117-127.	2.9	12
12	Strategies To Target Kyotorphin Analogues to the Brain. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3773-3781.	6.4	63
13	Octanol-Water Partition: Searching for Predictive Models. <i>Current Medicinal Chemistry</i> , 1998, 5, 353-380.	2.4	159
14	Molecular Size Based Approach To Estimate Partition Properties for Organic Solutes. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3404-3412.	2.6	96
15	Theoretical studies of inclusion complexes of ?-cyclodextrin with methylated benzoic acids. <i>International Journal of Quantum Chemistry</i> , 1997, 64, 711-719.	2.0	47
16	Theoretical studies of inclusion complexes of ?- and ?-cyclodextrin with benzoic acid and phenol. <i>International Journal of Quantum Chemistry</i> , 1997, 65, 1135-1152.	2.0	47
17	AM1-based model system for estimation of brain / blood concentration ratios. <i>International Journal of Quantum Chemistry</i> , 1996, 60, 1775-1787.	2.0	9
18	Computational Approaches to the Design of Safer Drugs and Their Molecular Properties. <i>Computational Chemistry - Reviews of Current Trends</i> , 1996, , 219-266.	0.4	3

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19	Design of Biologically Safer Chemicals Based on Retrometabolic Concepts. ACS Symposium Series, 1996, , 84-115.	0.5	2
20	Relative reactivity of 1,4- and 1,6-dihydronicotinic acid derivatives to radically mediated oxidation?a theoretical and experimental evaluation. International Journal of Quantum Chemistry, 1995, 56, 161-170.	2.0	1
21	Nitrogen radical cations as intermediates in enzymatically mediated oxidative deaminations?application of molecular parametric models. International Journal of Quantum Chemistry, 1995, 56, 171-179.	2.0	4
22	Quantitative structure activity relationships of catechol derivatives on nerve growth factor secretion in L-M cells. Pharmaceutical Research, 1995, 12, 1199-1204.	3.5	7
23	Solubilization and electrochemical stabilization of substituted phenols through the use of 2-hydroxypropyl- β -cyclodextrin. Supramolecular Chemistry, 1994, 4, 69-76.	1.2	4
24	Stability of the 1,3-substituted 1,4-dihydropyridines: Substituent effects on the acid catalyzed hydration and oxidation reactions. International Journal of Quantum Chemistry, 1994, 52, 173-180.	2.0	0
25	Fast atom bombardment and tandem mass spectrometry of quaternary pyridinium salt-type tryptophan derivatives. Organic Mass Spectrometry, 1993, 28, 707-715.	1.3	7
26	Hydroxyl stretching in substituted phenols: An AM1 study. International Journal of Quantum Chemistry, 1993, 48, 7-15.	2.0	1
27	A theoretical study of the dithionite reduction of pyridinium salts. International Journal of Quantum Chemistry, 1993, 48, 17-24.	2.0	0
28	The effect of dihydronicotinate N-substitution on the brain-targeting efficacy of a zidovudine chemical delivery system. Pharmaceutical Research, 1993, 10, 1356-1362.	3.5	20
29	A Dihydroisoquinoline Targetor-Based Acid Resistant Chemical Delivery System of Azidothymidine (AZT). Drug Delivery, 1993, 1, 143-149.	5.7	11
30	A comparison of intraocular pressure elevating activity of loteprednol etabonate and dexamethasone in rabbits. Current Eye Research, 1992, 11, 525-530.	1.5	35
31	A strategy for delivering peptides into the central nervous system by sequential metabolism. Science, 1992, 257, 1698-1700.	12.6	132
32	Intermolecular interactions of methyl acetate, γ -propiolactone, ethyl acetate, and γ -butyrolactone: AnAM1 semiempirical study. International Journal of Quantum Chemistry, 1992, 44, 81-89.	2.0	2
33	Intermediates of the borane reduction of some imidazolidines: AnAM1 study. International Journal of Quantum Chemistry, 1992, 44, 795-805.	2.0	1
34	Neural network studies. 4. An extended study of the aqueous solubility of organic compounds. International Journal of Quantum Chemistry, 1992, 44, 853-867.	2.0	15
35	Improved delivery through biological membranes. XLV. Synthesis, physical-chemical evaluation, and brain uptake studies of 2-chloroethyl nitrosourea delivery systems. Pharmaceutical Research, 1992, 09, 743-749.	3.5	17
36	Metabolism, distribution, and transdermal permeation of a soft corticosteroid, loteprednol etabonate. Pharmaceutical Research, 1992, 09, 1275-1278.	3.5	59

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37	Improved delivery through biological membranes. LVI. Pharmacological evaluation of alprenoxime—a new potential antiglaucoma agent. <i>Pharmaceutical Research</i> , 1991, 08, 1389-1395.	3.5	26
38	Solubilization and stabilization of a benzylpenicillin chemical delivery system by 2-hydroxypropyl-beta-cyclodextrin. <i>Pharmaceutical Research</i> , 1991, 08, 1044-1049.	3.5	35
39	Predicting partition coefficients for isomeric diastereoisomers of some tripeptide analogs. <i>Journal of Computational Chemistry</i> , 1991, 12, 1182-1186.	3.3	21
40	Reactivity of biologically important reduced pyridines. VIII. A semiempirical (AM1) study of the oxidation of 3-substituted-1-methyl-1,4-dihydropyridines. <i>Journal of Computational Chemistry</i> , 1991, 12, 1278-1282.	3.3	17
41	Site- and stereospecific ocular drug delivery by sequential enzymatic bioactivation. <i>Pharmaceutical Research</i> , 1990, 07, 723-725.	3.5	34
42	Application of a brain-targeting chemical delivery system to 9-amino-1,2,3,4-tetrahydroacridine. <i>Pharmaceutical Research</i> , 1990, 07, 658-664.	3.5	13
43	Dose and time-course evaluation of a redox-based estradiol-chemical delivery system for the brain. II. Pharmacodynamic responses. <i>Pharmaceutical Research</i> , 1990, 07, 1107-1112.	3.5	9
44	Growth hormone (GH) secretory dynamics in animals administered estradiol utilizing a chemical delivery system. <i>Pharmaceutical Research</i> , 1990, 07, 1011-1018.	3.5	10
45	Dose and time-course evaluation of a redox-based estradiol-chemical delivery system for the brain. I. Tissue distribution. <i>Pharmaceutical Research</i> , 1990, 07, 1061-1067.	3.5	14
46	Effects of a brain-enhanced chemical delivery system for estradiol on body weight and food intake in intact and ovariectomized rats. <i>Pharmaceutical Research</i> , 1989, 06, 592-600.	3.5	23
47	Theoretical study of some heterocyclic amines with applications to the chemistry of 9-amino-1,2,3,4-tetrahydroacridine. <i>International Journal of Quantum Chemistry</i> , 1989, 35, 315-324.	2.0	6
48	Theoretical aspects of cephalosporin isomerism. <i>International Journal of Quantum Chemistry</i> , 1989, 36, 291-300.	2.0	0
49	High-performance liquid chromatographic assay of a central nervous system (CNS)-directed estradiol chemical delivery system and its application after intravenous administration to rats. <i>Pharmaceutical Research</i> , 1988, 05, 172-177.	3.5	35
50	Novel β -blockers as potential safe antiglaucoma agents. <i>Current Eye Research</i> , 1988, 7, 369-374.	1.5	23
51	Effects of A Brain-Enhanced Chemical Delivery System for Estradiol on Body Weight and Serum Hormones in Middle-Aged Male Rats. <i>Endocrine Research</i> , 1988, 14, 131-148.	1.2	18
52	The effect of vehicle additives on the transdermal delivery of nitroglycerin. <i>Pharmaceutical Research</i> , 1987, 04, 436-437.	3.5	23
53	Potential Treatment of Herpes Simplex Virus Encephalitis by Brain-Specific Delivery of Trifluorothymidine Using a Dihydropyridine π Pyridinium Salt Type Redox Delivery System. <i>Journal of Medical Virology</i> , 1986, 20, 1-8.	5.0	34
54	Soft Drugs VI. The Application of the Inactive Metabolite Approach for Design of Soft β -Blockers. <i>Pharmaceutical Research</i> , 1984, 01, 120-125.	3.5	22

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55	Soft drugs: Principles and methods for the design of safe drugs. Medicinal Research Reviews, 1984, 4, 449-469.	10.5	92
56	Designing safer drugs based on the soft drug approach. Trends in Pharmacological Sciences, 1982, 3, 53-56.	8.7	54
57	Quantitative Evaluation of the Reactivity of Alkylating Agents. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1980, 35, 758-763.	0.7	8
58	Configurational Analysis, Inversion, and Reduction of Some Pyridine Carbaldoximes. ACS Symposium Series, 1979, , 489-506.	0.5	0