

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	Octanol-Water Partition: Searching for Predictive Models. <i>Current Medicinal Chemistry</i> , 1998, 5, 353-380.	2.4	159
2	A strategy for delivering peptides into the central nervous system by sequential metabolism. <i>Science</i> , 1992, 257, 1698-1700.	12.6	132
3	Targeting drugs to the brain by redox chemical delivery systems. <i>Medicinal Research Reviews</i> , 2000, 20, 367-416.	10.5	124
4	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
5	Soft drugs: Principles and methods for the design of safe drugs. <i>Medicinal Research Reviews</i> , 1984, 4, 449-469.	10.5	92
6	Strategies To Target Kyotorphin Analogues to the Brain. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3773-3781.	6.4	63
7	Metabolism, distribution, and transdermal permeation of a soft corticosteroid, loteprednol etabonate. <i>Pharmaceutical Research</i> , 1992, 09, 1275-1278.	3.5	59
8	Designing safer drugs based on the soft drug approach. <i>Trends in Pharmacological Sciences</i> , 1982, 3, 53-56.	8.7	54
9	Theoretical studies of inclusion complexes of β -cyclodextrin with methylated benzoic acids. <i>International Journal of Quantum Chemistry</i> , 1997, 64, 711-719.	2.0	47
10	Theoretical studies of inclusion complexes of β - and γ -cyclodextrin with benzoic acid and phenol. <i>International Journal of Quantum Chemistry</i> , 1997, 65, 1135-1152.	2.0	47
11	Receptor binding studies of soft anticholinergic agents. <i>AAPS PharmSci</i> , 2001, 3, 44-56.	1.3	36
12	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
13	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
14	A comparison of intraocular pressure elevating activity of loteprednol etabonate and dexamethasone in rabbits. <i>Current Eye Research</i> , 1992, 11, 525-530.	1.5	35
15	Metabolism-Based Brain-Targeting System for a Thyrotropin-Releasing Hormone Analogue. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4563-4571.	6.4	35
16	Potential Treatment of Herpes Simplex Virus Encephalitis by Brain-Specific Delivery of Trifluorothymidine Using a Dihydropyridine π - π Pyridinium Salt Type Redox Delivery System. <i>Journal of Medical Virology</i> , 1986, 20, 1-8.	5.0	34
17	Site- and stereospecific ocular drug delivery by sequential enzymatic bioactivation. <i>Pharmaceutical Research</i> , 1990, 07, 723-725.	3.5	34
18	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

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19	The effect of vehicle additives on the transdermal delivery of nitroglycerin. <i>Pharmaceutical Research</i> , 1987, 04, 436-437.	3.5	23
20	Novel β -blockers as potential safe antiglaucoma agents. <i>Current Eye Research</i> , 1988, 7, 369-374.	1.5	23
21	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
22	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
23	Predicting partition coefficients for isomeric diastereoisomers of some tripeptide analogs. <i>Journal of Computational Chemistry</i> , 1991, 12, 1182-1186.	3.3	21
24	The effect of dihydronicotinate N-substitution on the brain-targeting efficacy of a zidovudine chemical delivery system. <i>Pharmaceutical Research</i> , 1993, 10, 1356-1362.	3.5	20
25	Potency and Specificity of the Pharmacological Action of a New, Antiasthmatic, Topically Administered Soft Steroid, Etiprednol Dicoacetate (BNP-166). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 83-92.	2.5	19
26	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
27	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
28	Improved delivery through biological membranes. XLV. Synthesis, physical-chemical evaluation, and brain uptake studies of 2-chloroethyl nitrosourea delivery systems. <i>Pharmaceutical Research</i> , 1992, 09, 743-749.	3.5	17
29	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
30	Neural network studies. 4. An extended study of the aqueous solubility of organic compounds. <i>International Journal of Quantum Chemistry</i> , 1992, 44, 853-867.	2.0	15
31	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
32	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
33	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
34	Design and evaluation of new soft anticholinergic agents. <i>Drug Development Research</i> , 1998, 43, 117-127.	2.9	12
35	Identification of esterase involved in the metabolism of two corticosteroid soft drugs. <i>Biochemical Pharmacology</i> , 2017, 127, 82-89.	4.4	12
36	A Dihydroisoquinoline Targetor-Based Acid Resistant Chemical Delivery System of Azidothymidine (AZT). <i>Drug Delivery</i> , 1993, 1, 143-149.	5.7	11

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37	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
38	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
39	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
40	Quantitative Evaluation of the Reactivity of Alkylating Agents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1980, 35, 758-763.	0.7	8
41	Fast atom bombardment and tandem mass spectrometry of quaternary pyridinium salt-type tryptophan derivatives. <i>Organic Mass Spectrometry</i> , 1993, 28, 707-715.	1.3	7
42	Quantitative structure activity relationships of catechol derivatives on nerve growth factor secretion in L-M cells. <i>Pharmaceutical Research</i> , 1995, 12, 1199-1204.	3.5	7
43	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
44	Solubilization and electrochemical stabilization of substituted phenols through the use of 2-hydroxypropyl- β -cyclodextrin. <i>Supramolecular Chemistry</i> , 1994, 4, 69-76.	1.2	4
45	Nitrogen radical cations as intermediates in enzymatically mediated oxidative deaminations?application of molecular parametric models. <i>International Journal of Quantum Chemistry</i> , 1995, 56, 171-179.	2.0	4
46	Designing Safer (Soft) Drugs by Avoiding the Formation of Toxic and Oxidative Metabolites. , 2002, 186, 301-312.		4
47	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
48	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
49	Identification of Major Esterase Involved in Hydrolysis of Soft Anticholinergic (2R3 α -SGM) Designed From Glycopyrrolate in Human and Rat Tissues. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2791-2797.	3.3	3
50	Intermolecular interactions of methyl acetate, γ -propiolactone, ethyl acetate, and γ -butyrolactone: AnAM1 semiempirical study. <i>International Journal of Quantum Chemistry</i> , 1992, 44, 81-89.	2.0	2
51	Design of Biologically Safer Chemicals Based on Retrometabolic Concepts. <i>ACS Symposium Series</i> , 1996, , 84-115.	0.5	2
52	Intermediates of the borane reduction of some imidazolidines: AnAM1 study. <i>International Journal of Quantum Chemistry</i> , 1992, 44, 795-805.	2.0	1
53	Hydroxyl stretching in substituted phenols: An AM1 study. <i>International Journal of Quantum Chemistry</i> , 1993, 48, 7-15.	2.0	1
54	Relative reactivity of 1,4- and 1,6-dihyronicotinic acid derivatives to radically mediated oxidation?a theoretical and experimental evaluation. <i>International Journal of Quantum Chemistry</i> , 1995, 56, 161-170.	2.0	1

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55	Configurational Analysis, Inversion, and Reduction of Some Pyridine Carbaldoximes. ACS Symposium Series, 1979, , 489-506.	0.5	0
56	A theoretical study of the dithionite reduction of pyridinium salts. International Journal of Quantum Chemistry, 1993, 48, 17-24.	2.0	0
57	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
58	Theoretical aspects of cephalosporin isomerism. International Journal of Quantum Chemistry, 1989, 36, 291-300.	2.0	0