

Mark Gumbleton

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

4,222
citations

109321

35
h-index

123424

61
g-index

116
all docs

116
docs citations

116
times ranked

5468
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Local delivery to malignant brain tumors: potential biomaterial-based therapeutic/adjuvant strategies. <i>Biomaterials Science</i> , 2021, 9, 6037-6051. | 5.4 | 15 |
| 2 | Quantifying the effects of antibiotic treatment on the extracellular polymer network of antimicrobial resistant and sensitive biofilms using multiple particle tracking. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 13. | 6.4 | 15 |
| 3 | Zwitterionic self-assembled nanoparticles as carriers for Plasmodium targeting in malaria oral treatment. <i>Journal of Controlled Release</i> , 2021, 331, 364-375. | 9.9 | 20 |
| 4 | Caveolin-1, a Key Mediator Across Multiple Pathways in Glioblastoma and an Independent Negative Biomarker of Patient Survival. <i>Frontiers in Oncology</i> , 2021, 11, 701933. | 2.8 | 3 |
| 5 | Oral Immunogenicity in Mice and Sows of Enterotoxigenic Escherichia Coli Outer-Membrane Vesicles Incorporated into Zein-Based Nanoparticles. <i>Vaccines</i> , 2020, 8, 11. | 4.4 | 10 |
| 6 | A human co-culture cell model incorporating microglia supports glioblastoma growth and migration, and confers resistance to cytotoxics. <i>FASEB Journal</i> , 2020, 34, 1710-1727. | 0.5 | 44 |
| 7 | Poly(ethylene glycol) based nanotubes for tuneable drug delivery to glioblastoma multiforme. <i>Nanoscale Advances</i> , 2020, 2, 4498-4509. | 4.6 | 8 |
| 8 | P0324SODIUM ZIRCONIUM CYCLOSILICATE TO PREVENT HYPERKALAEMIA IF HAEMODIALYSIS IS POSTPONED DUE TO VASCULAR ACCESS COMPLICATIONS: EXPERIENCE FROM CLINICAL PRACTICE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, . | 0.7 | 0 |
| 9 | Heparin-based, injectable microcarriers for controlled delivery of interleukin-13 to the brain. <i>Biomaterials Science</i> , 2020, 8, 4997-5004. | 5.4 | 15 |
| 10 | Humidified Warmed CO2 Treatment Therapy Strategies Can Save Lives With Mitigation and Suppression of SARS-CoV-2 Infection: An Evidence Review. <i>Frontiers in Medicine</i> , 2020, 7, 594295. | 2.6 | 20 |
| 11 | Satellitosis, a Crosstalk between Neurons, Vascular Structures and Neoplastic Cells in Brain Tumours; Early Manifestation of Invasive Behaviour. <i>Cancers</i> , 2020, 12, 3720. | 3.7 | 10 |
| 12 | Auto-fluorescent PAMAM-based dendritic molecules and their potential application in pharmaceutical sciences. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119187. | 5.2 | 4 |
| 13 | Modulation of the fate of zein nanoparticles by their coating with a Gantrez® AN-thiamine polymer conjugate. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100006. | 1.6 | 12 |
| 14 | Self-emulsifying drug delivery system: Mucus permeation and innovative quantification technologies. <i>Advanced Drug Delivery Reviews</i> , 2019, 142, 62-74. | 13.7 | 68 |
| 15 | Mannosylated Nanoparticles for Oral Immunotherapy in a Murine Model of Peanut Allergy. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2421-2429. | 3.3 | 17 |
| 16 | A Systematic Review and Meta-Analysis Reveals Altered Drug Pharmacokinetics in Humans During Acute Exposure to Terrestrial High Altitude—Clinical Justification for Dose Adjustment?. <i>High Altitude Medicine and Biology</i> , 2018, 19, 141-148. | 0.9 | 4 |
| 17 | Impact of different hydrophobic ion pairs of octreotide on its oral bioavailability in pigs. <i>Journal of Controlled Release</i> , 2018, 273, 21-29. | 9.9 | 60 |
| 18 | In vivo evaluation of an oral self-emulsifying drug delivery system (SEDDS) for exenatide. <i>Journal of Controlled Release</i> , 2018, 277, 165-172. | 9.9 | 89 |

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|----|---|-----|-----------|
| 19 | Evaluation of nanoparticles as oral vehicles for immunotherapy against experimental peanut allergy. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 328-335. | 7.5 | 26 |
| 20 | Current Progress Toward a Better Understanding of Drug Disposition Within the Lungs: Summary Proceedings of the First Workshop on Drug Transporters in the Lungs. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2234-2244. | 3.3 | 22 |
| 21 | Endocytic Uptake, Transport and Macromolecular Interactions of Anionic PAMAM Dendrimers within Lung Tissue. <i>Pharmaceutical Research</i> , 2017, 34, 2517-2531. | 3.5 | 20 |
| 22 | The Differential Absorption of a Series of P-Glycoprotein Substrates in Isolated Perfused Lungs from Mdr1a/1b Genetic Knockout Mice can be Attributed to Distinct Physico-Chemical Properties: an Insight into Predicting Transporter-Mediated, Pulmonary Specific Disposition. <i>Pharmaceutical Research</i> , 2017, 34, 2498-2516. | 3.5 | 16 |
| 23 | INSIDIA: A Fiji Macro Delivering High Throughput and High Content Spheroid Invasion Analysis. <i>Biotechnology Journal</i> , 2017, 12, 1700140. | 3.5 | 32 |
| 24 | Evidence of Nonuniformity in Urothelium Barrier Function between the Upper Urinary Tract and Bladder. <i>Journal of Urology</i> , 2016, 195, 763-770. | 0.4 | 6 |
| 25 | Destabilization of α -Helical Structure in Solution Improves Bactericidal Activity of Antimicrobial Peptides: Opposite Effects on Bacterial and Viral Targets. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1984-1991. | 3.2 | 15 |
| 26 | Mucus permeating thiolated self-emulsifying drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 98, 90-97. | 4.3 | 47 |
| 27 | Investigating Detrusor Muscle Concentrations of Oxybutynin After Intravesical Delivery in an Ex Vivo Porcine Model. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2233-2240. | 3.3 | 5 |
| 28 | Absorption of ipratropium and L-carnitine into the pulmonary circulation of the ex-vivo rat lung is driven by passive processes rather than active uptake by OCT/OCTN transporters. <i>International Journal of Pharmaceutics</i> , 2015, 496, 834-841. | 5.2 | 10 |
| 29 | Methods to determine the interactions of micro- and nanoparticles with mucus. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 96, 464-476. | 4.3 | 91 |
| 30 | Nanoparticle diffusion within intestinal mucus: Three-dimensional response analysis dissecting the impact of particle surface charge, size and heterogeneity across polyelectrolyte, pegylated and viral particles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 230-238. | 4.3 | 120 |
| 31 | Phospho-4e-BP1 and eIF4E overexpression synergistically drives disease progression in clinically confined clear cell renal cell carcinoma. <i>American Journal of Cancer Research</i> , 2015, 5, 2838-48. | 1.4 | 14 |
| 32 | An <i>ex Vivo</i> Investigation into the Transurothelial Permeability and Bladder Wall Distribution of the Nonsteroidal Anti-Inflammatory Ketorolac. <i>Molecular Pharmaceutics</i> , 2014, 11, 673-682. | 4.6 | 5 |
| 33 | Caveolin-1 in renal cell carcinoma promotes tumour cell invasion, and in co-operation with pERK predicts metastases in patients with clinically confined disease. <i>Journal of Translational Medicine</i> , 2013, 11, 255. | 4.4 | 32 |
| 34 | A novel cost-effective approach for the efficient radiolabeling of dendritic macromolecules with a 125 I-emitting radiotracer. <i>Tetrahedron Letters</i> , 2013, 54, 1045-1048. | 1.4 | 1 |
| 35 | Maximal extent of translocation of single-walled carbon nanotubes from lung airways of the rat. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 461-464. | 4.0 | 13 |
| 36 | Selectivity in the impact of P-glycoprotein upon pulmonary absorption of airway-dosed substrates: A study in ex vivo lung models using chemical inhibition and genetic knockout. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3382-3394. | 3.3 | 25 |

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|----|---|------|-----------|
| 37 | Pegylation of Antimicrobial Peptides Maintains the Active Peptide Conformation, Model Membrane Interactions, and Antimicrobial Activity while Improving Lung Tissue Biocompatibility following Airway Delivery. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3298-3308. | 3.2 | 66 |
| 38 | Inhaled extended-release microparticles of heparin elicit improved pulmonary pharmacodynamics against antigen-mediated airway hyper-reactivity and inflammation. <i>Journal of Controlled Release</i> , 2012, 162, 456-463. | 9.9 | 18 |
| 39 | Peptide sequences mediating tropism to intact blood-brain barrier: An in vivo biodistribution study using phage display. <i>Peptides</i> , 2012, 38, 172-180. | 2.4 | 19 |
| 40 | A simple zero length surface-modification approach for preparing novel bifunctional supports for co-immobilisation studies. <i>Tetrahedron Letters</i> , 2012, 53, 3727-3730. | 1.4 | 2 |
| 41 | Pharmaceutical nanoparticles and the mucin biopolymer barrier. <i>BioImpacts</i> , 2012, 2, 173-4. | 1.5 | 24 |
| 42 | Targeted Drug Delivery Through the Respiratory System: Molecular Control on Lung Absorption and Disposition. , 2011, , 127-141. | | 4 |
| 43 | Differential Influence of Laboratory Anaesthetic Regimens upon Renal and Hepatosplanchnic Haemodynamics in the Rat. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 42, 693-697. | 2.4 | 36 |
| 44 | Enhanced pulmonary absorption of a macromolecule through coupling to a sequence-specific phage display-derived peptide. <i>Journal of Controlled Release</i> , 2011, 151, 83-94. | 9.9 | 22 |
| 45 | Spatial expression and functionality of drug transporters in the intact lung: Objectives for further research. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 110-118. | 13.7 | 45 |
| 46 | Challenges in inhaled product development and opportunities for open innovation. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 69-87. | 13.7 | 95 |
| 47 | Lung surfactant phospholipids inhibit the uptake of respirable microspheres by the alveolar macrophage NR8383. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 1065-1072. | 2.4 | 25 |
| 48 | RT-PCR analysis of ABC, SLC and SLCO drug transporters in human lung epithelial cell models. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 583-591. | 2.4 | 74 |
| 49 | Growth of hormone-dependent MCF-7 breast cancer cells is promoted by constitutive caveolin-1 whose expression is lost in an EGF-R-mediated manner during development of tamoxifen resistance. <i>Breast Cancer Research and Treatment</i> , 2010, 119, 575-591. | 2.5 | 23 |
| 50 | Cellular Delivery of Therapeutic Macromolecules (CDTM) International Symposium 2010: lessons and progress from inter-disciplinary science. <i>Drug Discovery Today</i> , 2010, 15, 1079-1080. | 6.4 | 0 |
| 51 | The Particle has Landed Characterizing the Fate of Inhaled Pharmaceuticals. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010, 23, S-71-S-87. | 1.4 | 191 |
| 52 | PGSE-NMR and SANS Studies of the Interaction of Model Polymer Therapeutics with Mucin. <i>Biomacromolecules</i> , 2010, 11, 120-125. | 5.4 | 36 |
| 53 | Activated extracellular signal-regulated kinase is an independent prognostic factor in clinically confined renal cell carcinoma. <i>Cancer</i> , 2009, 115, 3457-3467. | 4.1 | 28 |
| 54 | RT-PCR analysis of ABC, SLC and SLCO drug transporters in human lung epithelial cell models. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 583-591. | 2.4 | 23 |

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|----|---|------|-----------|
| 55 | Characterization and astrocytic modulation of system L transporters in brain microvasculature endothelial cells. <i>Cell Biochemistry and Function</i> , 2008, 26, 381-391. | 2.9 | 37 |
| 56 | 2008 Editors' Collection. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1569. | 13.7 | 0 |
| 57 | Combined expression of caveolin-1 and an activated AKT/mTOR pathway predicts reduced disease-free survival in clinically confined renal cell carcinoma. <i>British Journal of Cancer</i> , 2008, 98, 931-940. | 6.4 | 53 |
| 58 | Analysis of mRNA for ABC, SLC and SLCO transporter in human respiratory epithelial cells. <i>FASEB Journal</i> , 2008, 22, 918.6. | 0.5 | 0 |
| 59 | Phage display identification of functional binding peptides against 4-acetamidophenol (Paracetamol): An exemplified approach to target low molecular weight organic molecules. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 285-291. | 2.1 | 7 |
| 60 | Cell selective glucocorticoid induction of caveolin-1 and caveolae in differentiating pulmonary alveolar epithelial cell cultures. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 360-366. | 2.1 | 21 |
| 61 | Primary porcine brain microvascular endothelial cells: Biochemical and functional characterisation as a model for drug transport and targeting. <i>Journal of Drug Targeting</i> , 2007, 15, 253-268. | 4.4 | 72 |
| 62 | Nuclear localisation and pDNA condensation in non-viral gene delivery. <i>Journal of Gene Medicine</i> , 2007, 9, 265-274. | 2.8 | 33 |
| 63 | 2007 Editors' Collection. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 1481. | 13.7 | 1 |
| 64 | P-glycoprotein (MDR1) functional activity in human alveolar epithelial cell monolayers. <i>Cell and Tissue Research</i> , 2007, 328, 77-84. | 2.9 | 54 |
| 65 | Endocytosis at the blood-brain barrier: From basic understanding to drug delivery strategies. <i>Journal of Drug Targeting</i> , 2006, 14, 191-214. | 4.4 | 154 |
| 66 | Challenges and innovations in effective pulmonary systemic and macromolecular drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2006, 58, 993-995. | 13.7 | 8 |
| 67 | Expression and Transport Functionality of FcRn within Rat Alveolar Epithelium: A Study in Primary Cell Culture and in the Isolated Perfused Lung. <i>Pharmaceutical Research</i> , 2006, 23, 270-279. | 3.5 | 61 |
| 68 | Coming out of the dark: the evolving role of fluorescence imaging in drug delivery research. <i>Advanced Drug Delivery Reviews</i> , 2005, 57, 5-15. | 13.7 | 28 |
| 69 | Immunolocalization of Caveolin-1 in Rat and Human Mesothelium. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 1415-1425. | 2.5 | 13 |
| 70 | Stereospecific chemical and enzymatic stability of phosphoramidate triester prodrugs of d4T in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 25-31. | 4.0 | 23 |
| 71 | Identification and biological evaluation of grapefruit oil components as potential novel efflux pump modulators in methicillin-resistant <i>Staphylococcus aureus</i> bacterial strains. <i>Phytochemistry</i> , 2004, 65, 3021-3027. | 2.9 | 54 |
| 72 | Aerosols for Macromolecule Delivery. <i>American Journal of Drug Delivery</i> , 2004, 2, 143-155. | 0.6 | 14 |

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|----|--|------|-----------|
| 73 | Understanding endocytic pathways and intracellular trafficking: a prerequisite for effective design of advanced drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 1353-1357. | 13.7 | 85 |
| 74 | Differentiation of human alveolar epithelial cells in primary culture: morphological characterization and synthesis of caveolin-1 and surfactant protein-C. <i>Cell and Tissue Research</i> , 2003, 311, 31-45. | 2.9 | 141 |
| 75 | Evaluation of the immortalised mouse brain capillary endothelial cell line, b.End3, as an in vitro blood-brain barrier model for drug uptake and transport studies. <i>Brain Research</i> , 2003, 990, 95-112. | 2.2 | 229 |
| 76 | Targeting caveolae for vesicular drug transport. <i>Journal of Controlled Release</i> , 2003, 87, 139-151. | 9.9 | 38 |
| 77 | Caveolin-1 overexpression predicts poor disease-free survival of patients with clinically confined renal cell carcinoma. <i>British Journal of Cancer</i> , 2003, 89, 1909-1913. | 6.4 | 89 |
| 78 | Constitutive Expression of P-Glycoprotein in Normal Lung Alveolar Epithelium and Functionality in Primary Alveolar Epithelial Cultures. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 441-452. | 2.5 | 94 |
| 79 | Stereoselective and Concentration-Dependent Polarized Epithelial Permeability of a Series of Phosphoramidate Triester Prodrugs of d4T: An in Vitro Study in Caco-2 and Madin-Darby Canine Kidney Cell Monolayers. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 1112-1119. | 2.5 | 27 |
| 80 | Polylysine and Polyornithine Gene Transfer Complexes: A Study of Complex Stability and Cellular Uptake as a Basis for their Differential in-vitro Transfection Efficiency. <i>Journal of Drug Targeting</i> , 2002, 10, 1-9. | 4.4 | 50 |
| 81 | Caveolin expression during chondrogenesis in the avian limb. <i>Developmental Dynamics</i> , 2002, 225, 205-211. | 1.8 | 7 |
| 82 | Downregulation and altered spatial pattern of caveolin-1 in chronic plaque psoriasis. <i>British Journal of Dermatology</i> , 2002, 147, 701-709. | 1.5 | 20 |
| 83 | The inhibition of phagocytosis of respirable microspheres by alveolar and peritoneal macrophages. <i>International Journal of Pharmaceutics</i> , 2002, 236, 65-79. | 5.2 | 43 |
| 84 | Statistical Modelling of the Formulation Variables in Non-Viral Gene Delivery Systems. <i>Journal of Drug Targeting</i> , 2001, 9, 169-184. | 4.4 | 8 |
| 85 | Progress and limitations in the use of in vitro cell cultures to serve as a permeability screen for the blood-brain barrier. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1681-1698. | 3.3 | 247 |
| 86 | Caveolae-mediated membrane transport. <i>Advanced Drug Delivery Reviews</i> , 2001, 49, 217-221. | 13.7 | 6 |
| 87 | Caveolae as potential macromolecule trafficking compartments within alveolar epithelium. <i>Advanced Drug Delivery Reviews</i> , 2001, 49, 281-300. | 13.7 | 93 |
| 88 | Caveolae and the caveolins in human disease. <i>Advanced Drug Delivery Reviews</i> , 2001, 49, 325-335. | 13.7 | 22 |
| 89 | Gene expression in an intact ex-vivo skin tissue model following percutaneous delivery of cationic liposome-plasmid DNA complexes. <i>International Journal of Pharmaceutics</i> , 2000, 197, 233-238. | 5.2 | 33 |
| 90 | Examination of the biophysical interaction between plasmid DNA and the polycations, polylysine and polyornithine, as a basis for their differential gene transfection in-vitro. <i>International Journal of Pharmaceutics</i> , 2000, 210, 97-107. | 5.2 | 87 |

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| 91 | Microcalorimetry does not predict the cellular phagocytosis of latex microspheres. <i>International Journal of Pharmaceutics</i> , 2000, 195, 17-23. | 5.2 | 1 |
| 92 | Physical stability and in-vitro gene expression efficiency of nebulised lipid-peptide-DNA complexes. <i>International Journal of Pharmaceutics</i> , 2000, 197, 221-231. | 5.2 | 70 |
| 93 | Aberrant Caveolin-1 Expression in Psoriasis: A Signalling Hypothesis. <i>IUBMB Life</i> , 2000, 50, 361-364. | 3.4 | 9 |
| 94 | Caveolae: an alternative membrane transport compartment. <i>Pharmaceutical Research</i> , 2000, 17, 1035-1048. | 3.5 | 70 |
| 95 | Aberrant Caveolin-1 Expression in Psoriasis: A Signalling Hypothesis. <i>IUBMB Life</i> , 2000, 50, 361-364. | 3.4 | 5 |
| 96 | The Effect of Fatty Acids and Analogues upon Intracellular Levels of Doxorubicin in Cells Displaying P-Glycoprotein Mediated Multidrug Resistance. <i>Journal of Drug Targeting</i> , 2000, 8, 247-256. | 4.4 | 25 |
| 97 | Temporal dependence of ectopeptidase expression in alveolar epithelial cell culture: implications for study of peptide absorption. <i>International Journal of Pharmaceutics</i> , 1999, 180, 225-234. | 5.2 | 49 |
| 98 | Caveolin and its cellular and subcellular immunolocalisation in lung alveolar epithelium: implications for alveolar epithelial type I cell function. <i>Cell and Tissue Research</i> , 1999, 295, 111-120. | 2.9 | 109 |
| 99 | Transport of Phosphatidylcholine in MDR3-Negative Epithelial Cell Lines via Drug-Induced MDR1 P-Glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 121-126. | 2.1 | 26 |
| 100 | Caveolin-1 Expression and Caveolae Biogenesis during Cell Transdifferentiation in Lung Alveolar Epithelial Primary Cultures. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 744-751. | 2.1 | 120 |
| 101 | Principles in the absorption, distribution and elimination of pharmaceuticals. <i>Pest Management Science</i> , 1994, 42, 223-240. | 0.4 | 3 |
| 102 | Pharmacokinetic Considerations in Rational Drug Design. <i>Clinical Pharmacokinetics</i> , 1994, 26, 161-168. | 3.5 | 18 |
| 103 | Interpretation and utilization of effect and concentration data collected in an in vivo pharmacokinetic and in vitro pharmacodynamic study. <i>Pharmaceutical Research</i> , 1993, 10, 889-894. | 3.5 | 5 |
| 104 | Simultaneous pharmacodynamic modeling of the non-steady-state effects of three oral doses of 1,3-glyceryl dinitrate upon blood pressure in healthy volunteers. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1993, 21, 515-532. | 0.6 | 3 |
| 105 | Comparison of vasodilatory responses to nitroglycerin and its dinitrate metabolites in human veins. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 52, 590-596. | 4.7 | 17 |
| 106 | Improved gas chromatographic assay for the simultaneous determination of nitroglycerin and its mono- and dinitrate metabolites. <i>Biomedical Applications</i> , 1992, 579, 237-245. | 1.7 | 12 |
| 107 | Drug metabolism and laboratory anesthetic protocols in the rat: examination of antipyrine pharmacokinetics. <i>Pharmaceutical Research</i> , 1991, 08, 544-546. | 3.5 | 24 |
| 108 | Percutaneous penetration kinetics of nitroglycerin and its dinitrate metabolites across hairless mouse skin in vitro. <i>Pharmaceutical Research</i> , 1991, 08, 1231-1237. | 3.5 | 8 |

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|-----|---|-----|-----------|
| 109 | 1,2- and 1,3-dinitrate metabolites of nitroglycerin: Spectroscopic characterization and initial administration to man. <i>International Journal of Pharmaceutics</i> , 1991, 71, 175-186. | 5.2 | 9 |
| 110 | Pharmacokinetic studies of the nitroglycerin metabolites, 1,2- and 1,3- glyceryl dinitrates, in the rat. <i>Biopharmaceutics and Drug Disposition</i> , 1991, 12, 215-222. | 1.9 | 5 |
| 111 | Differential effects of anesthetic regimens on gentamicin pharmacokinetics in the rat: a comparison with chronically catheterized conscious animals. <i>Pharmaceutical Research</i> , 1990, 07, 41-45. | 3.5 | 20 |
| 112 | Anaesthetic influences on brain haemodynamics in the rat and their significance to biochemical, neuropharmacological and drug disposition studies. <i>Biochemical Pharmacology</i> , 1989, 38, 2745-2748. | 4.4 | 8 |
| 113 | In vitro assessment of cephaloridine nephrotoxicity: Comparison of renal cortical slice and renal tubule fragment techniques. <i>Journal of Pharmacological Methods</i> , 1988, 19, 185-192. | 0.7 | 5 |