The transport barrier in intraperitoneal therapy

American Journal of Physiology - Renal Physiology 288, F433-F442

DOI: 10.1152/ajprenal.00313.2004

Citation Report

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 2 | Human eNOS gene delivery attenuates cold-induced elevation of blood pressure in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1161-H1168. | 3.2 | 28 |
| 3 | Peritoneal Ultrafiltration: Mechanisms and Measures. , 2006, 150, 28-36. | | 16 |
| 4 | Molecular chaperone α-crystallin prevents detrimental effects of neuroinflammation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 284-293. | 3.8 | 64 |
| 5 | The Peritoneal Cavity Is a Distinct Compartment of Angiogenic Molecular Mediators. Journal of Surgical Research, 2006, 134, 28-35. | 1.6 | 15 |
| 6 | Distributed model of peritoneal fluid absorption. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1862-H1874. | 3.2 | 45 |
| 7 | Is Intraperitoneal Pressure Important?. Peritoneal Dialysis International, 2006, 26, 317-319. | 2.3 | 14 |
| 8 | Peritoneal dialysis, membranes and beyond. Current Opinion in Nephrology and Hypertension, 2006, 15, 571-576. | 2.0 | 8 |
| 9 | Effects of chronic cold exposure on the endothelin system. Journal of Applied Physiology, 2006, 100, 1719-1726. | 2.5 | 36 |
| 10 | Intraperitoneal fluid therapy: an alternative to intravenous treatment in a patient with limited vascular access. Anaesthesia, 2006, 61, 502-504. | 3.8 | 6 |
| 11 | Aquaporin-1 plays an essential role in water permeability and ultrafiltration during peritoneal dialysis. Kidney International, 2006, 69, 1518-1525. | 5.2 | 147 |
| 12 | In vivo determination of diffusive transport parameters in a superfused tissue. American Journal of Physiology - Renal Physiology, 2006, 291, F1096-F1103. | 2.7 | 17 |
| 13 | Correlating structure with solute and water transport in a chronic model of peritoneal inflammation. American Journal of Physiology - Renal Physiology, 2006, 290, F232-F240. | 2.7 | 29 |
| 14 | Genetic AVP deficiency abolishes cold-induced diuresis but does not attenuate cold-induced hypertension. American Journal of Physiology - Renal Physiology, 2006, 290, F1472-F1477. | 2.7 | 26 |
| 15 | Lymphatic Endothelial Cells, Lymphangiogenesis, and Extracellular Matrix. Lymphatic Research and Biology, 2006, 4, 83-100. | 1.1 | 106 |
| 16 | Mean Transit Time and Mean Residence Time for Linear Diffusion–Convection–Reaction Transport System. Computational and Mathematical Methods in Medicine, 2007, 8, 37-49. | 1.3 | 6 |
| 17 | Clostridium sordellii Lethal Toxin Kills Mice by Inducing a Major Increase in Lung Vascular Permeability. American Journal of Pathology, 2007, 170, 1003-1017. | 3.8 | 56 |
| 18 | Ultrafiltration and Absorption in Evaluating Aquaporin Function from Peritoneal Transport of Sodium. Peritoneal Dialysis International, 2007, 27, 687-690. | 2.3 | 8 |
| 19 | Feasibility of Mesothelial Transplantation during Experimental Peritoneal Dialysis and Peritonitis. International Journal of Artificial Organs, 2007, 30, 513-519. | 1.4 | 6 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 20 | Should intraperitoneal chemotherapy be considered as standard first-line treatment in advanced stage ovarian cancer?. Critical Reviews in Oncology/Hematology, 2007, 62, 137-147. | 4.4 | 18 |
| 21 | Pathogenesis and treatment of peritoneal membrane failure. Pediatric Nephrology, 2008, 23, 695-703. | 1.7 | 44 |
| 22 | Peritoneal membrane recruitment in rats: a micro-computerized tomography (μCT) study. Pediatric Nephrology, 2008, 23, 2179-2184. | 1.7 | 4 |
| 23 | Clinical application of aquaporin research: aquaporin-1 in the peritoneal membrane. Pflugers Archiv European Journal of Physiology, 2008, 456, 721-727. | 2.8 | 14 |
| 24 | Feasibility of complementary spatial modulation of magnetization tagging in the rat heart after manganese injection. NMR in Biomedicine, 2008, 21, 15-21. | 2.8 | 12 |
| 25 | Safety and Efficacy of Hyperthermic Intraperitoneal Chemoperfusion with High-Dose Oxaliplatin in Patients with Peritoneal Carcinomatosis. Annals of Surgical Oncology, 2008, 15, 535-541. | 1.5 | 74 |
| 26 | Association Between Arterial Stiffness and Peritoneal Small Solute Transport Rate. Artificial Organs, 2008, 32, 416-419. | 1.9 | 11 |
| 27 | Pharmacokinetics of intraperitoneally instilled aminophylline, terbutaline and tobramycin in pigs. Acta Anaesthesiologica Scandinavica, 2008, 52, 243-248. | 1.6 | 5 |
| 28 | Association between Arterial Stiffness and Peritoneal Fluid Kinetics. American Journal of Nephrology, 2008, 28, 128-132. | 3.1 | 13 |
| 29 | RNAi inhibition of mineralocorticoid receptors prevents the development of cold-induced hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1880-H1887. | 3.2 | 33 |
| 30 | Water and solute transport in peritoneal dialysis: models and clinical applications. Nephrology Dialysis Transplantation, 2008, 23, 2120-2123. | 0.7 | 18 |
| 31 | Peritoneal morphological and functional changes associated with platelet-derived growth factor B. Nephrology Dialysis Transplantation, 2008, 24, 448-457. | 0.7 | 11 |
| 32 | Mineralocorticoid receptor blockade ameliorates peritoneal fibrosis in new rat peritonitis model. American Journal of Physiology - Renal Physiology, 2008, 294, F1084-F1093. | 2.7 | 45 |
| 33 | Endothelial Glycocalyx and the Peritoneal Barrier. Peritoneal Dialysis International, 2008, 28, 6-12. | 2.3 | 51 |
| 34 | In Vivo Peritoneal Surface Area Measurement in Rats by Micro-Computed Tomography (μCT). Peritoneal Dialysis International, 2008, 28, 188-194. | 2.3 | 9 |
| 35 | Water and Solute Transport through Different Types of Pores in Peritoneal Membrane in Capd Patients with Ultrafiltration Failure. Peritoneal Dialysis International, 2009, 29, 664-669. | 2.3 | 14 |
| 36 | Inflammatory ascites formation induced by macromolecules in mice and rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R218-R223. | 1.8 | 6 |
| 37 | Distributed modeling of osmotically driven fluid transport in peritoneal dialysis: theoretical and computational investigations. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1960-H1968. | 3.2 | 30 |

| # 39 | ARTICLE Peritoneal dialysis prescription in children: bedside principles for optimal practice. Pediatric Nephrology, 2009, 24, 1633-1642. | IF 1.7 | CITATIONS |
|---------|---|-----------|-----------|
| 40 | Dissemination of intraperitoneal ovarian cancer: Discussion of mechanisms and demonstration of lymphatic spreading in ovarian cancer model. Critical Reviews in Oncology/Hematology, 2009, 72, 1-9. | 4.4 | 48 |
| 41 | Phosphoinositide 3â€kinase inhibitor (wortmannin) inhibits pancreatic cancer cell motility and migration induced by hyaluronan <i>in vitro</i> and peritoneal metastasis <i>in vivo</i> . Cancer Science, 2009, 100, 770-777. | 3.9 | 51 |
| 42 | Multiscale Measurements Distinguish Cellular and Interstitial Hindrances to Diffusion In Vivo. Biophysical Journal, 2009, 97, 330-336. | 0.5 | 71 |
| 43 | Rationale for perioperative chemotherapy treatment in peritoneal carcinomatosis. CirugÃa Española (English Edition), 2009, 85, 3-13. | 0.1 | 2 |
| 44 | Pharmacokinetics and Pharmacodynamics of Perioperative Cancer Chemotherapy in Peritoneal Surface Malignancy. Cancer Journal (Sudbury, Mass), 2009, 15, 216-224. | 2.0 | 81 |
| 45 | Using Pharmacologic Data to Plan Clinical Treatments for Patients with Peritoneal Surface Malignancy. Current Drug Discovery Technologies, 2009, 6, 72-81. | 1.2 | 36 |
| 46 | Ascites Regression and Survival Increase in Mice Bearing Advanced-stage Human Ovarian Carcinomas and Repeatedly Treated Intraperitoneally With CpG-ODN. Journal of Immunotherapy, 2010, 33, 8-15. | 2.4 | 26 |
| 47 | Pharmacology of perioperative $5\hat{a}\in F$ luorouracil. Journal of Surgical Oncology, 2010, 102, 730-735. | 1.7 | 34 |
| 48 | Hyperthermic intraperitoneal chemotherapy: Rationale and technique. World Journal of Gastrointestinal Oncology, 2010, 2, 68. | 2.0 | 211 |
| 49 | Connective tissue growth factor (CTGF/CCN2) is increased in peritoneal dialysis patients with high peritoneal solute transport rate. American Journal of Physiology - Renal Physiology, 2010, 298, F721-F733. | 2.7 | 66 |
| 50 | Strategies for Improving Long-Term Survival in Peritoneal Dialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 1123-1131. | 4.5 | 42 |
| 51 | Autocrine Purinergic Receptor Signaling Is Essential for Macrophage Chemotaxis. Science Signaling, 2010, 3, ra55. | 3.6 | 209 |
| 52 | Abdominal Adhesion Prevention: Still a Sticky Subject. Digestive Surgery, 2010, 27, 347-358. | 1.2 | 63 |
| 53 | Competitive antagonism of fluorescent gentamicin uptake in the cochlea. Hearing Research, 2010, 268, 250-259. | 2.0 | 23 |
| 54 | Delivery of Molecular and Nanoscale Medicine to Tumors: Transport Barriers and Strategies. Annual Review of Chemical and Biomolecular Engineering, 2011, 2, 281-298. | 6.8 | 491 |
| 55 | Distributed Models of Peritoneal Transport. , 2011, , . | | 0 |
| 56 | Docetaxel Distribution Following Intraperitoneal Administration in Mice. Journal of Pharmacy and Pharmaceutical Sciences, 2011, 14, 90. | 2.1 | 12 |

| | Сітатіс | n Report | |
|----|--|----------|-----------|
| # | Article | IF | Citations |
| 57 | Treatment of peritoneal carcinomatosis with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: State of the art and future developments. Surgical Oncology, 2011, 20, e38-e54. | 1.6 | 90 |
| 58 | Changes induced by surgical and clinical factors in the pharmacology of intraperitoneal mitomycin C in 145 patients with peritoneal carcinomatosis. Cancer Chemotherapy and Pharmacology, 2011, 68, 147-156. | 2.3 | 52 |
| 59 | Growing a peritoneal dialysis program: A singleâ€center experience. Dialysis and Transplantation, 2011, 40, 343-348. | 0.2 | 3 |
| 60 | Peritoneal macrophage infiltration is correlated with baseline peritoneal solute transport rate in peritoneal dialysis patients. Nephrology Dialysis Transplantation, 2011, 26, 2322-2332. | 0.7 | 33 |
| 61 | Encapsulating peritoneal sclerosis: the state of affairs. Nature Reviews Nephrology, 2011, 7, 528-538. | 9.6 | 90 |
| 62 | Computer simulations of osmotic ultrafiltration and small-solute transport in peritoneal dialysis: a spatially distributed approach. American Journal of Physiology - Renal Physiology, 2012, 302, F1331-F1341. | 2.7 | 32 |
| 63 | Adhesions during and after Surgical Procedures, their Prevention and Impact on Women'S Health. Women's Health, 2012, 8, 495-498. | 1.5 | 15 |
| 64 | Recent advances in drug delivery strategies for treatment of ovarian cancer. Expert Opinion on Drug Delivery, 2012, 9, 567-583. | 5.0 | 39 |
| 65 | Pharmacology of Perioperative Intraperitoneal and Intravenous Chemotherapy in Patients with Peritoneal Surface Malignancy. Surgical Oncology Clinics of North America, 2012, 21, 577-597. | 1.5 | 39 |
| 66 | Hyperthermic intraperitoneal chemotherapy in ovarian cancer: rationale and clinical data. Expert Review of Anticancer Therapy, 2012, 12, 895-911. | 2.4 | 23 |
| 67 | Suppression of ConA-induced inflammatory ascites by lipopolysaccharide (LPS) in mice. Acta Microbiologica Et Immunologica Hungarica, 2012, 59, 387-392. | 0.8 | 1 |
| 68 | An injectable depot system for sustained intraperitoneal chemotherapy of ovarian cancer results in favorable drug distribution at the whole body, peritoneal and intratumoral levels. Journal of Controlled Release, 2012, 158, 379-385. | 9.9 | 29 |
| 69 | Intraperitoneal delivery of nanoparticles for cancer gene therapy. Future Oncology, 2013, 9, 59-68. | 2.4 | 32 |
| 70 | Peritoneal Fluid Transport: Mechanisms, Pathways, Methods of Assessment. Archives of Medical Research, 2013, 44, 576-583. | 3.3 | 19 |
| 71 | Quercetin Liposome Sensitizes Colon Carcinoma to Thermotherapy and Thermochemotherapy in Mice Models. Integrative Cancer Therapies, 2013, 12, 264-270. | 2.0 | 25 |
| 72 | Brain-targeted polymeric nanoparticles: <i>in vivo</i> evidence of different routes of administration in rodents. Nanomedicine, 2013, 8, 1373-1383. | 3.3 | 26 |
| 73 | Quantitative X-ray Computed Tomography Peritoneography in Malignant Peritoneal Mesothelioma Patients Receiving Intraperitoneal Chemotherapy. Annals of Surgical Oncology, 2013, 20, 553-559. | 1.5 | 9 |
| 74 | Peritoneal Dialysis: Misperceptions and Reality. American Journal of the Medical Sciences, 2014, 348, 250-261. | 1.1 | 9 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 75 | Is the Systemic Microvascular Endothelial Glycocalyx in Peritoneal Dialysis Patients Related to Peritoneal Transport?. Nephron Clinical Practice, 2014, 128, 159-165. | 2.3 | 10 |
| 76 | Multiscale Tumor Spatiokinetic Model for Intraperitoneal Therapy. AAPS Journal, 2014, 16, 424-439. | 4.4 | 29 |
| 77 | Single compartment drug delivery. Journal of Controlled Release, 2014, 190, 157-171. | 9.9 | 46 |
| 78 | The distinguishing cellular and molecular features of the endometriotic ovarian cyst: from pathophysiology to the potential endometrioma-mediated damage to the ovary. Human Reproduction Update, 2014, 20, 217-230. | 10.8 | 243 |
| 79 | A Model Based Analysis of IPEC Dosing of Paclitaxel in Rats. Pharmaceutical Research, 2014, 31, 2876-2886. | 3.5 | 11 |
| 80 | Metastatic Colorectal Cancer: Survival Comparison of Hepatic Resection Versus Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. Annals of Surgical Oncology, 2014, 21, 2667-2674. | 1.5 | 26 |
| 81 | Enzymatic tumour tissue digestion coupled to SPE–UPLC–Tandem Mass Spectrometry as a tool to explore paclitaxel tumour penetration. Talanta, 2014, 129, 119-125. | 5.5 | 4 |
| 82 | Miscellaneous conditions of the peritoneal cavity—Peritoneal tumors, pseudomyxoma, mesothelioma, fibroblastic reaction, cocoon, cystic lymphatic malformations, blue-bleb, and chylous ascites. Seminars in Pediatric Surgery, 2014, 23, 363-368. | 1.1 | 1 |
| 84 | Modulation of ConA-induced inflammatory ascites by histamine — Short communication. Acta Microbiologica Et Immunologica Hungarica, 2015, 62, 87-91. | 0.8 | 2 |
| 85 | Role of Spironolactone Chalcone in the Prevention of Peritoneal Fibrosis in Patients with Peritoneal Dialysis. Tropical Journal of Pharmaceutical Research, 2015, 14, 1893. | 0.3 | 0 |
| 86 | Fluvastatin inhibits the expression of fibronectin in human peritoneal mesothelial cells induced by high-glucose peritoneal dialysis solution via SGK1 pathway. Clinical and Experimental Nephrology, 2015, 19, 336-342. | 1.6 | 5 |
| 87 | Effect of Irradiation on Tissue Penetration Depth of Doxorubicin after Pressurized Intra-Peritoneal Aerosol Chemotherapy (PIPAC) in a Novel Ex-Vivo Model. Journal of Cancer, 2016, 7, 910-914. | 2.5 | 26 |
| 88 | Preoperative intraperitoneal oxaliplatin for unresectable peritoneal carcinomatosis of colorectal origin: a pilot study. Pleura and Peritoneum, 2016, 1, 209-215. | 1.2 | 11 |
| 89 | Pharmacokinetic problems in peritoneal drug administration: an update after 20 years. Pleura and Peritoneum, 2016, 1, 183-191. | 1.2 | 12 |
| 90 | Cytoreductive surgery with intraperitoneal chemotherapy in the management of peritoneal surface malignancy: a pharmacist's perspective. European Journal of Hospital Pharmacy, 2016, 23, 233-238. | 1.1 | 3 |
| 91 | Thermosensitive hydrogel system assembled by PTX-loaded copolymer nanoparticles for sustained intraperitoneal chemotherapy of peritoneal carcinomatosis. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 104, 251-259. | 4.3 | 35 |
| 92 | Preventing recurrence of diffuse malignant peritoneal mesothelioma. Expert Review of Anticancer Therapy, 2016, 16, 989-995. | 2.4 | 5 |
| 93 | The Therapeutic Potential of Human Umbilical Mesenchymal Stem Cells From Wharton's Jelly in the Treatment of Rat Peritoneal Dialysis-Induced Fibrosis. Stem Cells Translational Medicine, 2016, 5, 235-247. | 3.3 | 29 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 94 | Distribution pattern and penetration depth of doxorubicin after pressurized intraperitoneal aerosol chemotherapy (PIPAC) in a postmortem swine model. Journal of Cancer Research and Clinical Oncology, 2016, 142, 2275-2280. | 2.5 | 65 |
| 95 | Oxidative Stress and Nuclear Factor κB (NF-κB) Increase Peritoneal Filtration and Contribute to Ascites Formation in Nephrotic Syndrome. Journal of Biological Chemistry, 2016, 291, 11105-11113. | 3.4 | 11 |
| 96 | Synthesis of Amphiphilic Poly(β-amino ester) for Efficiently Minicircle DNA Delivery in Vivo. ACS Applied Materials & Interfaces, 2016, 8, 19284-19290. | 8.0 | 22 |
| 97 | Induction Chemotherapy. , 2016, , . | | 3 |
| 98 | Infusoabdomen with abdominal compartment in extremely low birth weight neonates. Journal of Pediatric Surgery Case Reports, 2016, 6, 9-12. | 0.2 | 1 |
| 99 | Exploring the Spatial Drug Distribution Pattern of Pressurized Intraperitoneal Aerosol Chemotherapy (PIPAC). Annals of Surgical Oncology, 2016, 23, 1220-1224. | 1.5 | 53 |
| 100 | Novel Treatment with Intraperitoneal MOC31PE Immunotoxin in Colorectal Peritoneal Metastasis: Results From the ImmunoPeCa Phase 1 Trial. Annals of Surgical Oncology, 2017, 24, 1916-1922. | 1.5 | 23 |
| 101 | Mathematical modeling of intraperitoneal drug delivery: simulation of drug distribution in a single tumor nodule. Drug Delivery, 2017, 24, 491-501. | 5.7 | 64 |
| 102 | Peritoneal metastasis from pancreatic cancer treated with pressurized intraperitoneal aerosol chemotherapy (PIPAC). Clinical and Experimental Metastasis, 2017, 34, 309-314. | 3.3 | 55 |
| 103 | Strategies to Target Glucose Metabolism in Tumor Microenvironment on Cancer by Flavonoids. Nutrition and Cancer, 2017, 69, 534-554. | 2.0 | 18 |
| 104 | Pharmacological principles of intraperitoneal and bidirectional chemotherapy. Pleura and Peritoneum, 2017, 2, 47-62. | 1.2 | 53 |
| 105 | Liposome-supported enzymatic peritoneal dialysis. Biomaterials, 2017, 145, 128-137. | 11.4 | 18 |
| 106 | Applications of hyperthermic intraperitoneal chemotherapy for metastatic colorectal cancer. Expert Review of Anticancer Therapy, 2017, 17, 841-850. | 2.4 | 11 |
| 107 | A novel method to depurate β-lactam antibiotic residues by administration of a broad-spectrum β-lactamase enzyme in fish tissues. Fisheries and Aquatic Sciences, 2017, 19, . | 0.8 | 0 |
| 108 | Nanomedicine-based intraperitoneal therapy for the treatment of peritoneal carcinomatosis — Mission possible?. Advanced Drug Delivery Reviews, 2017, 108, 13-24. | 13.7 | 76 |
| 109 | Combination Treatment of Citral Potentiates the Efficacy of Hyperthermic Intraperitoneal Chemoperfusion with Pirarubicin for Colorectal Cancer. Molecular Pharmaceutics, 2017, 14, 3588-3597. | 4.6 | 6 |
| 110 | Modelling drug transport during intraperitoneal chemotherapy. Pleura and Peritoneum, 2017, 2, 73-83. | 1.2 | 18 |
| 111 | Nanoparticle as a novel tool in hyperthermic intraperitoneal and pressurized intraperitoneal aerosol chemotheprapy to treat patients with peritoneal carcinomatosis. Oncotarget, 2017, 8, 78208-78224. | 1.8 | 18 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 112 | Intraperitoneal chemotherapy for ovarian cancer using sustained-release implantable devices. Expert Opinion on Drug Delivery, 2018, 15, 481-494. | 5.0 | 24 |
| 113 | HIPEC Methodology, Comparison of Techniques, and Drug Regimens: Is There a Need for Standardization?. , 2018, , 79-102. | | 0 |
| 114 | Effect of sensor location on continuous intraperitoneal glucose sensing in an animal model. PLoS ONE, 2018, 13, e0205447. | 2.5 | 12 |
| 115 | Feasibility and Characteristics of Pressurized Aerosol Chemotherapy (PAC) in the Bladder as a Therapeutical Option in Early-stage Urinary Bladder Cancer. In Vivo, 2018, 32, 1369-1372. | 1.3 | 11 |
| 116 | Hypoxia, cytokines and stromal recruitment: parallels between pathophysiology of encapsulating peritoneal sclerosis, endometriosis and peritoneal metastasis. Pleura and Peritoneum, 2018, 3, 20180103. | 1.2 | 36 |
| 117 | Electric cauterization of the hernia sac in laparoscopic ventral hernia repair reduces the incidence of postoperative seroma: a propensity score-matched analysis. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2018, 22, 747-750. | 2.0 | 9 |
| 118 | Mediation of inflammatory ascites formation induced by macromolecules in mice. Acta Microbiologica Et Immunologica Hungarica, 2018, 65, 151-162. | 0.8 | 1 |
| 120 | Inflammatory Response and Toxicity After Pressurized IntraPeritoneal Aerosol Chemotherapy. Journal of Cancer, 2018, 9, 13-20. | 2.5 | 32 |
| 121 | New Treatment Modalities for the Management of Peritoneal Metastases. , 2018, , 469-506. | | 4 |
| 122 | Differences in peritoneal solute transport rates in peritoneal dialysis. Clinical and Experimental Nephrology, 2019, 23, 122-134. | 1.6 | 10 |
| 123 | Body surface area-based versus concentration-based intraperitoneal perioperative chemotherapy in a rat model of colorectal peritoneal surface malignancy: pharmacologic guidance towards standardization. Oncotarget, 2019, 10, 1407-1424. | 1.8 | 17 |
| 124 | Aerosolization of Nanotherapeutics as a Newly Emerging Treatment Regimen for Peritoneal Carcinomatosis. Cancers, 2019, 11, 906. | 3.7 | 18 |
| 125 | Why intraperitoneal glucose sensing is sometimes surprisingly rapid and sometimes slow: A hypothesis. Medical Hypotheses, 2019, 132, 109318. | 1.5 | 4 |
| 126 | The use of intraperitoneal chemotherapy for gastric malignancies. Expert Review of Anticancer Therapy, 2019, 19, 879-888. | 2.4 | 20 |
| 127 | Laparoscopic Hyperthermic Intraperitoneal Chemotherapy is Safe for Patients with Peritoneal Metastases from Gastric Cancer and May Lead to Gastrectomy. Annals of Surgical Oncology, 2019, 26, 1394-1400. | 1.5 | 37 |
| 128 | Body surface areaâ€based vs concentrationâ€based perioperative intraperitoneal chemotherapy after optimal cytoreductive surgery in colorectal peritoneal surface malignancy treatment: COBOX trial. Journal of Surgical Oncology, 2019, 119, 999-1010. | 1.7 | 23 |
| 129 | A 3D CFD model of the interstitial fluid pressure and drug distribution in heterogeneous tumor nodules during intraperitoneal chemotherapy. Drug Delivery, 2019, 26, 404-415. | 5.7 | 35 |
| 130 | Murine Models of Intraperitoneal Perfusion for Disseminated Colorectal Cancer. Journal of Surgical Research, 2019, 233, 310-322. | 1.6 | 8 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 131 | Stromal Modulation and Treatment of Metastatic Pancreatic Cancer with Local Intraperitoneal Triple miRNA/siRNA Nanotherapy. ACS Nano, 2020, 14, 255-271. | 14.6 | 100 |
| 132 | Albumin-based cancer therapeutics for intraperitoneal drug delivery: a review. Drug Delivery, 2020, 27, 40-53. | 5.7 | 53 |
| 133 | Enabling Microparticle Imprinting to Achieve Penetration and Local Endurance in the Peritoneum via High-Intensity Ultrasound (HIUS) for the Treatment of Peritoneal Metastasis. International Journal of Surgical Oncology, 2020, 2020, 1-7. | 0.6 | 5 |
| 134 | On the change of transport parameters with dwell time during peritoneal dialysis. Peritoneal Dialysis International, 2021, 41, 404-412. | 2.3 | 2 |
| 135 | Indications for Hyperthermic Intraperitoneal Chemotherapy with Cytoreductive Surgery: A Clinical Practice Guideline. Current Oncology, 2020, 27, 146-154. | 2.2 | 22 |
| 136 | Intraperitoneal and subcutaneous glucagon delivery in anaesthetized pigs: effects on circulating glucagon and glucose levels. Scientific Reports, 2020, 10, 13735. | 3.3 | 12 |
| 137 | An overview and update of hyperthermic intraperitoneal chemotherapy in ovarian cancer. Expert Opinion on Pharmacotherapy, 2020, 21, 1479-1492. | 1.8 | 8 |
| 138 | Impact of Perfusate Concentration on Hyperthermic Intraperitoneal Chemotherapy Efficacy and Toxicity in a Rodent Model. Journal of Surgical Research, 2020, 253, 262-271. | 1.6 | 6 |
| 139 | Tuning the Physicochemical Characteristics of Particle-Based Carriers for Intraperitoneal Local Chemotherapy. Pharmaceutical Research, 2020, 37, 119. | 3.5 | 8 |
| 140 | Evaluation of a Novel Prototype for Pressurized Intraperitoneal Aerosol Chemotherapy. Cancers, 2020, 12, 633. | 3.7 | 9 |
| 141 | Factors Associated with Resection and Survival After Laparoscopic HIPEC for Peritoneal Gastric Cancer Metastasis. Annals of Surgical Oncology, 2020, 27, 4963-4969. | 1.5 | 12 |
| 142 | Indications for hyperthermic intraperitoneal chemotherapyÂwith cytoreductive surgery: a systematic review. European Journal of Cancer, 2020, 127, 76-95. | 2.8 | 61 |
| 143 | A fully implantable device for diffuse insulin delivery at extraperitoneal site for physiological treatment of type 1 diabetes. Journal of Controlled Release, 2020, 320, 431-441. | 9.9 | 4 |
| 144 | Is Prophylactic Hyperthermic Intraperitoneal Chemotherapy Beneficial to the Long-Term Survival of Patients After Radical Gastric Cancer Surgery: A Systematic Review and Meta-Analysis. SSRN Electronic Journal, O, , . | 0.4 | 0 |
| 145 | Advancement of Biomaterialâ€Based Postoperative Adhesion Barriers. Macromolecular Bioscience, 2021, 21, e2000395. | 4.1 | 58 |
| 146 | Application of IPC, HIPEC, and PIPAC. , 2021, , 111-133. | | 0 |
| 147 | Technical Aspects and Prescription of Peritoneal Dialysis in Children. , 2021, , 193-228. | | 1 |
| 148 | HIPEC Methodology and Regimens: The Need for an Expert Consensus. Annals of Surgical Oncology, 2021, 28, 9098-9113. | 1.5 | 22 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 149 | Intraperitoneal Drug Therapy: Physical and Biological Principles. , 2007, 134, 131-152. | | 12 |
| 150 | Principles of Perioperative Intraperitoneal Chemotherapy for Peritoneal Carcinomatosis. , 2007, 169, 39-51. | | 35 |
| 151 | Pharmacokinetics and toxicity of carboplatin used for hyperthermic intraperitoneal chemotherapy (HIPEC) in treatment of epithelial ovarian cancer. Pleura and Peritoneum, 2020, 5, 20200137. | 1.2 | 9 |
| 153 | Pharmacologic rationale for treatments of peritoneal surface malignancy from colorectal cancer. World Journal of Gastrointestinal Oncology, 2010, 2, 19. | 2.0 | 48 |
| 154 | Impact of Mitomycin-C-Induced Neutropenia after Hyperthermic Intraperitoneal Chemotherapy with Cytoreductive Surgery in Colorectal Cancer Patients with Peritoneal Carcinomatosis. Annals of Surgical Oncology, 2022, 29, 2077-2086. | 1.5 | 5 |
| 155 | Progress in Peritoneal Dialysis. , 2011, , . | | 0 |
| 156 | Technical Aspects and Prescription of Peritoneal Dialysis in Children. , 2012, , 169-203. | | 1 |
| 157 | Abdominal Advanced Oncologic Surgery. , 0, , . | | 0 |
| 158 | Principles and Innovations in Peritoneal Surface Malignancy Treatment. World Journal of Oncology, 2013, 4, 129-136. | 1.5 | 6 |
| 159 | Pharmacology of cancer chemotherapy drugs for hyperthermic intraperitoneal peroperative chemotherapy in epithelial ovarian cancer. World Journal of Obstetrics and Gynecology, 2013, 2, 143. | 0.5 | 1 |
| 160 | Zytoreduktive Chirurgie und Hypertherme Intraperitoneale Chemotherapie (HIPEC). , 2013, , 165-185. | | 0 |
| 161 | Kinetic Modeling of Peritoneal Dialysis. Studies in Computational Intelligence, 2013, , 1427-1475. | 0.9 | 0 |
| 162 | Cytoreductive Surgery and "Hyperthermic Intraperitoneal Chemotherapy (HIPEC)― , 2016, , 187-211. | | 0 |
| 163 | Encapsulating Peritoneal Sclerosis: Case report and Current Status. Archives of Clinical Nephrology, 0, , 039-046. | 0.1 | 0 |
| 164 | Applikation von IPC, HIPEC und PIPAC. , 2018, , 119-141. | | 0 |
| 165 | Hyperthermic Intraperitoneal Chemotherapy (HIPEC) on the Electrolytes Changes and Nefropaty. Biomedical Journal of Scientific & Technical Research, 2018, 3, . | 0.1 | 0 |
| 166 | The Basis of Regional Therapy, Pharmacology, Hyperthermia, and Drug Resistance. , 2020, , 3-15. | | 0 |
| 167 | The Development of Nanoparticles for the Detection and Imaging of Ovarian Cancers. Biomedicines, 2021, 9, 1554. | 3.2 | 2 |

| # | Article | IF | CITATIONS |
|-----|--|-------|-----------|
| 168 | Physiologic Influences of Transepithelial K+ Secretion. Physiology in Health and Disease, 2020, , 337-393. | 0.3 | 0 |
| 169 | Ideal Nozzle Position During Pressurized Intraperitoneal Aerosol Chemotherapy in an <i>Ex Vivo</i> Model. Anticancer Research, 2021, 41, 5489-5498. | 1.1 | 6 |
| 170 | Diffusion péritonéale des antibiotiques. , 2007, , 41-50. | | 0 |
| 171 | Place de la chimiothérapie intrapéritonéale (NIPS, EPIC, PIPAC, CHIP). Colon and Rectum, 2020, 14, 193-1 | 990.0 | Ο |
| 172 | The Effects of Acute Blood Loss for Diagnostic Bloodwork and Fluid Replacement in Clinically III Mice. Comparative Medicine, 2015, 65, 202-16. | 1.0 | 1 |
| 173 | Anesthetic implications in hyperthermic intraperitoneal chemotherapy. Journal of Anaesthesiology Clinical Pharmacology, 2019, 35, 3-11. | 0.7 | 5 |
| 174 | The Feasibility of Pressurised Intraperitoneal Aerosolised Virotherapy (PIPAV) to Administer Oncolytic Adenoviruses. Pharmaceutics, 2021, 13, 2043. | 4.5 | 5 |
| 175 | Hyperthermic Intraperitoneal Chemotherapy in the Treatment Armamentarium of Epithelial Ovarian Cancer: Time to End the Dichotomy. Visceral Medicine, 2022, 38, 109-119. | 1.3 | 2 |
| 176 | Le péritoineÂ: une membrane filtrante. Bulletin De L'Academie Nationale De Medecine, 2022, 206, 187-194. | 0.0 | 0 |
| 177 | Anesthetic implications in hyperthermic intraperitoneal chemotherapy. Journal of Anaesthesiology Clinical Pharmacology, 2019, 35, 3. | 0.7 | 11 |
| 178 | Prophylactic hyperthermic intraperitoneal chemotherapy may benefit the long-term survival of patients after radical gastric cancer surgery. Scientific Reports, 2022, 12, 2583. | 3.3 | 9 |
| 179 | Nanoemulsion-Assisted siRNA Delivery to Modulate the Nervous Tumor Microenvironment in the Treatment of Pancreatic Cancer. ACS Applied Materials & Interfaces, 2022, 14, 10015-10029. | 8.0 | 3 |
| 180 | The Peritoneal Membrane—A Potential Mediator of Fibrosis and Inflammation among Heart Failure Patients on Peritoneal Dialysis. Membranes, 2022, 12, 318. | 3.0 | 4 |
| 181 | Development of a nanocapsule-loaded hydrogel for drug delivery for intraperitoneal administration. International Journal of Pharmaceutics, 2022, 622, 121828. | 5.2 | 7 |
| 182 | Advances in the management of peritoneal malignancies. Nature Reviews Clinical Oncology, 2022, 19, 698-718. | 27.6 | 20 |
| 184 | Intraperitoneal Chemotherapy for Unresectable Peritoneal Surface Malignancies. Drugs, 2023, 83, 159-180. | 10.9 | 4 |
| 185 | Side-effects of hyperthermic intraperitoneal chemotherapy in patients with gastrointestinal cancers. PeerJ, 0, 11, e15277. | 2.0 | 0 |
| 186 | Localized chemotherapy approaches and advanced drug delivery strategies: a step forward in the treatment of peritoneal carcinomatosis from ovarian cancer. Frontiers in Oncology, 0, 13, . | 2.8 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 187 | A Comprehensive Review on Current Treatments and Challenges Involved in the Treatment of Ovarian Cancer. Current Cancer Drug Targets, 2024, 24, 142-166. | 1.6 | 0 |
| 188 | In Silico Investigation of the Clinical Translatability of Competitive Clearance Glucose-Responsive Insulins. ACS Pharmacology and Translational Science, 2023, 6, 1382-1395. | 4.9 | 0 |
| 189 | Sphingosine-1-phosphate receptor 3 regulates the transendothelial transport of HDL and LDL in opposite ways. Cardiovascular Research, 0, , . | 3.8 | 0 |
| 190 | Intraperitoneal irinotecan with concomitant FOLFOX and bevacizumab for patients with unresectable colorectal peritoneal metastases: protocol of the multicentre, open-label, phase II, INTERACT-II trial. BMJ Open, 2024, 14, e077667. | 1.9 | 0 |
| 191 | Hyperthermic pressurized intraperitoneal aerosol drug delivery system in a large animal model: a feasibility and safety study. Surgical Endoscopy and Other Interventional Techniques, 2024, 38, 2062-2069. | 2.4 | 0 |