

# Michal Heger

## List of Publications by Year in descending order

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Version: 2024-02-01

119  
papers

4,405  
citations

126907

33  
h-index

118850

62  
g-index

121  
all docs

121  
docs citations

121  
times ranked

6414  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Inhibition of the HIF-1 Survival Pathway as a Strategy to Augment Photodynamic Therapy Efficacy. <i>Methods in Molecular Biology</i> , 2022, 2451, 285-403.   | 0.9 | 1         |
| 2  | Super-Resolution Imaging of Intracellular Lipid Nanocarriers to Study Drug Delivery in Photodynamic Therapy. <i>Methods in Molecular Biology</i> , 2022, 2451, 703-709.                                 | 0.9 | 0         |
| 3  | Strategies for Improving Photodynamic Therapy Through Pharmacological Modulation of the Immediate Early Stress Response. <i>Methods in Molecular Biology</i> , 2022, 2451, 405-480.                     | 0.9 | 1         |
| 4  | Optimal Use of 2â€²,7â€²-Dichlorofluorescein Diacetate in Cultured Hepatocytes. <i>Methods in Molecular Biology</i> , 2022, 2451, 721-747.  | 0.9 | 3         |
| 5  | Metallated phthalocyanines and their hydrophilic derivatives for multi-targeted oncological photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112500.     | 3.8 | 8         |
| 6  | Treatment Outcome Measurement Instruments for Port Wine Stains: A Systematic Review of Their Measurement Properties. <i>Dermatology</i> , 2021, 237, 416-432.   | 2.1 | 7         |
| 7  | <i>In Vitro</i> and <i>In Vivo</i> Studies on HEMA-Based Polymeric Micelles Loaded with Curcumin. <i>Molecular Pharmaceutics</i> , 2021, 18, 1247-1263.   | 4.6 | 29        |
| 8  | Unaltered Liver Regeneration in Post-Cholestatic Rats Treated with the FXR Agonist Obeticholic Acid. <i>Biomolecules</i> , 2021, 11, 260.   | 4.0 | 4         |
| 9  | Attritional evaluation of lipophilic and hydrophilic metallated phthalocyanines for oncological photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 216, 112146. | 3.8 | 14        |
| 10 | Analysis and Optimization of Conditions for the Use of 2â€²,7â€²-Dichlorofluorescein Diacetate in Cultured Hepatocytes. <i>Antioxidants</i> , 2021, 10, 674.  | 5.1 | 12        |
| 11 | The Role of Farnesoid X Receptor in Accelerated Liver Regeneration in Rats Subjected to ALPPS. <i>Current Oncology</i> , 2021, 28, 5240-5254.   | 2.2 | 2         |
| 12 | <i>In Vivo</i> Assessment of Thermosensitive Liposomes for the Treatment of Port Wine Stains by Antifibrinolytic Site-Specific Pharmaco-Laser Therapy. <i>Pharmaceutics</i> , 2020, 12, 591.            | 4.5 | 2         |
| 13 | Clinical outcome measures and scoring systems used in prospective studies of port wine stains: A systematic review. <i>PLoS ONE</i> , 2020, 15, e0235657.   | 2.5 | 17        |
| 14 | Thermodynamic profiling during irreversible electroporation in porcine liver and pancreas: a case study series. <i>Journal of Clinical and Translational Research</i> , 2020, 5, 109-132.               | 0.3 | 3         |
| 15 | The inflammatory response after laparoscopic and open pancreatoduodenectomy and the association with complications in a multicenter randomized controlled trial. <i>Hpb</i> , 2019, 21, 1453-1461.      | 0.3 | 19        |
| 16 | Unravelling the Diagnostic Dilemma: A MicroRNA Panel of Circulating MiR-16 and MiR-877 as A Diagnostic Classifier for Distal Bile Duct Tumors. <i>Cancers</i> , 2019, 11, 1181.                         | 3.7 | 16        |
| 17 | The damage-associated molecular pattern HMGB1 is released early after clinical hepatic ischemia/reperfusion. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1192-1200. | 3.8 | 21        |
| 18 | Glycocalyx Degradation Is Independent of Vascular Barrier Permeability Increase in Nontraumatic Hemorrhagic Shock in Rats. <i>Anesthesia and Analgesia</i> , 2019, 129, 598-607.                        | 2.2 | 39        |

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|----|---|-----|-----------|
| 19 | Carotid chemoreceptor denervation does not impair hypoxia-induced thermal downregulation but vitiates recovery from a hypothermic and hypometabolic state in mice. <i>Scientific Reports</i> , 2019, 9, 5132.       | 3.3 | 2         |
| 20 | Site-specific pharmaco-laser therapy: A novel treatment modality for refractory port wine stains. <i>Journal of Clinical and Translational Research</i> , 2019, 5, 1-24.  | 0.3 | 10        |
| 21 | Exogenous hydrogen sulfide gas does not induce hypothermia in normoxic mice. <i>Scientific Reports</i> , 2018, 8, 3855.   | 3.3 | 21        |
| 22 | Prospective analysis of the port-wine stain patient population in the Netherlands in light of novel treatment modalities. <i>Journal of Cosmetic and Laser Therapy</i> , 2018, 20, 77-84.                           | 0.9 | 17        |
| 23 | The pathophysiology of human obstructive cholestasis is mimicked in cholestatic Gold Syrian hamsters. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 942-951.                      | 3.8 | 11        |
| 24 | Post-hepatectomy liver regeneration in the context of bile acid homeostasis and the gut-liver signaling axis. <i>Journal of Clinical and Translational Research</i> , 2018, 4, 1-46.                                | 0.3 | 25        |
| 25 | FXR agonist obeticholic acid induces liver growth but exacerbates biliary injury in rats with obstructive cholestasis. <i>Scientific Reports</i> , 2018, 8, 16529.  | 3.3 | 22        |
| 26 | <i>Bacillus subtilis</i> MraY in detergent-free system of nanodiscs wrapped by styrene-maleic acid copolymers. <i>PLoS ONE</i> , 2018, 13, e0206692.  | 2.5 | 4         |
| 27 | Reactive Oxygen and Nitrogen Species and Liver Ischemia-Reperfusion Injury: An Overview. , 2018, , 79-96.   |     | 5         |
| 28 | Reactive Oxygen and Nitrogen Species and Liver Ischemia-Reperfusion Injury: Role of Lipoic Acid. , 2018, , 109-119.   |     | 2         |
| 29 | Preclinical evaluation of thermosensitive poly(N-(2-hydroxypropyl) methacrylamide) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 T Pharmaceuticals, 2018, 550, 190-199.   | 5.2 | 9         |
| 30 | Photodynamic Therapy with Liposomal Zinc Phthalocyanine and Tirapazamine Increases Tumor Cell Death via DNA Damage. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 204-220.                                | 1.1 | 37        |
| 31 | Hepatic parenchymal transection increases liver volume but not function after portal vein embolization in rabbits. <i>Surgery</i> , 2017, 162, 732-741.   | 1.9 | 18        |
| 32 | Application of modified small bladder patch-to-bladder double-layer sutures to improve renal transplantation in mice. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2017, 49, 17-22.                        | 0.7 | 0         |
| 33 | Hypothermic perfusion with retrograde outflow during right hepatectomy is safe and feasible. <i>Surgery</i> , 2017, 162, 48-58.   | 1.9 | 5         |
| 34 | A liquid biopsy-based method for the detection and quantification of circulating tumor cells in surgical osteosarcoma patients. <i>International Journal of Oncology</i> , 2017, 50, 1075-1086.                     | 3.3 | 17        |
| 35 | Preparation and Practical Applications of 2,7-Dichlorodihydrofluorescein in Redox Assays. <i>Analytical Chemistry</i> , 2017, 89, 3853-3857.  | 6.5 | 70        |
| 36 | Warm ischemia time-dependent variation in liver damage, inflammation, and function in hepatic ischemia/reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 375-385. | 3.8 | 45        |

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|----|--|------|-----------|
| 37 | Comparable liver function and volume increase after portal vein embolization in rabbits and humans. <i>Surgery</i> , 2017, 161, 658-665.   | 1.9  | 9         |
| 38 | Ablation with irreversible electroporation in patients with advanced perihilar cholangiocarcinoma (ALPACA): a multicentre phase I/II feasibility study protocol. <i>BMJ Open</i> , 2017, 7, e015810.   | 1.9  | 23        |
| 39 | <sup>99m</sup> Tc-mebrofenin hepatobiliary scintigraphy predicts liver failure following major liver resection for perihilar cholangiocarcinoma. <i>Hpb</i> , 2017, 19, 850-858.   | 0.3  | 65        |
| 40 | Atorvastatin does not protect against ischemia-reperfusion damage in cholestatic rat livers. <i>BMC Surgery</i> , 2017, 17, 35.  | 1.3  | 5         |
| 41 | Mycophenolate mofetil improves renal haemodynamics, microvascular oxygenation, and inflammation in a rat model of supra-renal aortic clamping-mediated renal ischaemia reperfusion injury. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 294-304. | 1.9  | 13        |
| 42 | Multi-OMIC profiling of survival and metabolic signaling networks in cells subjected to photodynamic therapy. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1133-1151.   | 5.4  | 34        |
| 43 | Emerging local ablative therapies for unresectable perihilar cholangiocarcinoma: Time for reappraisal. <i>United European Gastroenterology Journal</i> , 2017, 5, 455-457.   | 3.8  | 1         |
| 44 | Inhibition of hypoxia inducible factor 1 and topoisomerase with acriflavine sensitizes perihilar cholangiocarcinomas to photodynamic therapy. <i>Oncotarget</i> , 2016, 7, 3341-3356.  | 1.8  | 56        |
| 45 | New Insight into the Catalytic Mechanism of Bacterial MraY from Enzyme Kinetics and Docking Studies. <i>Journal of Biological Chemistry</i> , 2016, 291, 15057-15068.  | 3.4  | 17        |
| 46 | Assesment of apoptosis induced changes in scattering using optical coherence tomography. <i>Journal of Biophotonics</i> , 2016, 9, 913-923.  | 2.3  | 8         |
| 47 | Metabolic profiling during ex vivo machine perfusion of the human liver. <i>Scientific Reports</i> , 2016, 6, 22415.   | 3.3  | 85        |
| 48 | An in vitro cell irradiation protocol for testing photopharmaceuticals and the effect of blue, green, and red light on human cancer cell lines. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 644-653.   | 2.9  | 87        |
| 49 | Postoperative peak transaminases correlate with morbidity and mortality after liver resection. <i>Hpb</i> , 2016, 18, 915-921.   | 0.3  | 16        |
| 50 | Simple steatosis sensitizes cholestatic rats to liver injury and dysregulates bile salt synthesis and transport. <i>Scientific Reports</i> , 2016, 6, 31829.   | 3.3  | 14        |
| 51 | Tranexamic Acid-Encapsulating Thermosensitive Liposomes for Site-Specific Pharmaco-Laser Therapy of Port Wine Stains. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1617-1640.   | 1.1  | 17        |
| 52 | Inhibition of hypoxia-inducible factor 1 with acriflavine sensitizes hypoxic tumor cells to photodynamic therapy with zinc phthalocyanine-encapsulating cationic liposomes. <i>Nano Research</i> , 2016, 9, 1639-1662.   | 10.4 | 82        |
| 53 | How much ischemia can the liver tolerate during resection?. <i>Hepatobiliary Surgery and Nutrition</i> , 2016, 5, 58-71.   | 1.5  | 36        |
| 54 | Low-power photodynamic therapy induces survival signaling in perihilar cholangiocarcinoma cells. <i>BMC Cancer</i> , 2015, 15, 1014.   | 2.6  | 29        |

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|----|---|------|-----------|
| 55 | Irreversible electroporation: Just another form of thermal therapy?. Prostate, 2015, 75, 332-335.   | 2.3  | 34        |
| 56 | Inhibition of NF- $\kappa$ B in Tumor Cells Exacerbates Immune Cell Activation Following Photodynamic Therapy. International Journal of Molecular Sciences, 2015, 16, 19960-19977.  | 4.1  | 20        |
| 57 | Protective Mechanisms of Hypothermia in Liver Surgery and Transplantation. Molecular Medicine, 2015, 21, 833-846.   | 4.4  | 28        |
| 58 | Enhancing photodynamic therapy of refractory solid cancers: Combining second-generation photosensitizers with multi-targeted liposomal delivery. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 23, 103-131. | 11.6 | 104       |
| 59 | Absence of Hydrogen Sulfide-Induced Hypometabolism in Pigs: A Mechanistic Explanation in Relation to Small Nonhibernating Mammals. European Surgical Research, 2015, 54, 178-191.   | 1.3  | 15        |
| 60 | Solutions to the discrepancies in the extent of liver damage following ischemia/reperfusion in standard mouse models. Journal of Hepatology, 2015, 62, 975-977.   | 3.7  | 20        |
| 61 | Mitochondrial Metabolomics Unravel the Primordial Trigger of Ischemia/Reperfusion Injury. Gastroenterology, 2015, 148, 1071-1073.   | 1.3  | 10        |
| 62 | Tumor cell survival pathways activated by photodynamic therapy: a molecular basis for pharmacological inhibition strategies. Cancer and Metastasis Reviews, 2015, 34, 643-690.  | 5.9  | 191       |
| 63 | Potential therapeutic benefits stemming from the thermal nature of irreversible electroporation of solid cancers. Hepatobiliary and Pancreatic Diseases International, 2015, 14, 331-333.   | 1.3  | 11        |
| 64 | Ex Vivo proof-of-concept of end-to-end scaffold-enhanced laser-assisted vascular anastomosis of porcine arteries. Journal of Vascular Surgery, 2015, 62, 200-209.   | 1.1  | 13        |
| 65 | Platelet aggregation but not activation and degranulation during the acute post-ischemic reperfusion phase in livers with no underlying disease. Journal of Clinical and Translational Research, 2015, 1, 107-115.                        | 0.3  | 7         |
| 66 | Antibacterial photodynamic therapy: overview of a promising approach to fight antibiotic-resistant bacterial infections. Journal of Clinical and Translational Research, 2015, 1, 140-167.  | 0.3  | 118       |
| 67 | IL-23 and IL-17A are not involved in hepatic/ischemia reperfusion injury in mouse and man. Journal of Clinical and Translational Research, 2015, 1, 180-189.  | 0.3  | 4         |
| 68 | The physiology of artificial hibernation. Journal of Clinical and Translational Research, 2015, 1, 78-93.   | 0.3  | 2         |
| 69 | Laser-assisted vessel welding: state of the art and future outlook. Journal of Clinical and Translational Research, 2015, 1, 1-18.  | 0.3  | 3         |
| 70 | Editor's inaugural issue foreword: perspectives on translational and clinical research. Journal of Clinical and Translational Research, 2015, 1, 1-5.   | 0.3  | 16        |
| 71 | Laser-assisted vascular welding: optimization of acute and post-hydration welding strength. Journal of Clinical and Translational Research, 2015, 1, 31-45.   | 0.3  | 1         |
| 72 | Survey and critical appraisal of pharmacological agents with potential thermo-modulatory properties in the context of artificially induced hypometabolism. Journal of Clinical and Translational Research, 2015, 1, 6-21.                 | 0.3  | 1         |

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|----|--|------|-----------|
| 73 | Reduction of Cardiac Cell Death after Helium Postconditioning in Rats: Transcriptional Analysis of Cell Death and Survival Pathways. <i>Molecular Medicine</i> , 2014, 20, 516-526.  | 4.4  | 18        |
| 74 | Thrombosis versus thermal coagulum formation as a result of endovenous laser treatment: Biochemistry versus photophysics. <i>Phlebology</i> , 2014, 29, 701-705.   | 1.2  | 4         |
| 75 | Reactive Oxygen and Nitrogen Species in Steatotic Hepatocytes: A Molecular Perspective on the Pathophysiology of Ischemia-Reperfusion Injury in the Fatty Liver. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1119-1142.                  | 5.4  | 98        |
| 76 | In Situ Hypothermic Perfusion with Retrograde Outflow During Right Hemihepatectomy: First Experiences with a New Technique. <i>Journal of the American College of Surgeons</i> , 2014, 218, e7-e16.  | 0.5  | 13        |
| 77 | The Molecular Basis for the Pharmacokinetics and Pharmacodynamics of Curcumin and Its Metabolites in Relation to Cancer. <i>Pharmacological Reviews</i> , 2014, 66, 222-307.   | 16.0 | 418       |
| 78 | Endovascular laser-tissue interactions and biological responses in relation to endovenous laser therapy. <i>Lasers in Medical Science</i> , 2014, 29, 405-422.   | 2.1  | 24        |
| 79 | New Perspectives in the Assessment of Future Remnant Liver. <i>Digestive Surgery</i> , 2014, 31, 255-268.  | 1.2  | 79        |
| 80 | A Novel Oxygenated Machine Perfusion System for Preservation of the Liver. <i>Artificial Organs</i> , 2013, 37, 719-724.   | 1.9  | 18        |
| 81 | Sterile inflammation in hepatic ischemia/reperfusion injury: Present concepts and potential therapeutics. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 394-400.   | 2.8  | 136       |
| 82 | Endothelial cell preservation at hypothermic to normothermic conditions using clinical and experimental organ preservation solutions. <i>Experimental Cell Research</i> , 2013, 319, 2501-2513.  | 2.6  | 16        |
| 83 | Physiological and Biochemical Basis of Clinical Liver Function Tests. <i>Annals of Surgery</i> , 2013, 257, 27-36.   | 4.2  | 269       |
| 84 | Transcriptional regulation of cardiac cell death and survival signaling by helium postconditioning in a rat model of regional cardiac ischemia/reperfusion. <i>FASEB Journal</i> , 2013, 27, lb623.  | 0.5  | 1         |
| 85 | Cholestasis Is Associated with Hepatic Microvascular Dysfunction and Aberrant Energy Metabolism Before and During Ischemia-Reperfusion. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1109-1123.   | 5.4  | 40        |
| 86 | 2,7-Dichlorofluorescein is not a probe for the detection of reactive oxygen and nitrogen species. <i>Journal of Hepatology</i> , 2012, 56, 1214-1216.  | 3.7  | 6         |
| 87 | Quantitative Assessment of Liver Function after Ischemia-Reperfusion Injury and Partial Hepatectomy in Rats. <i>Journal of Surgical Research</i> , 2012, 172, 85-94.   | 1.6  | 26        |
| 88 | An overview of clinical and experimental treatment modalities for port wine stains. <i>Journal of the American Academy of Dermatology</i> , 2012, 67, 289-304.e29.   | 1.2  | 179       |
| 89 | The sterile immune response during hepatic ischemia/reperfusion. <i>Cytokine and Growth Factor Reviews</i> , 2012, 23, 69-84.  | 7.2  | 143       |
| 90 | Biodegradable polymer scaffold, semi-solid solder, and single-spot lasing for increasing solder-tissue bonding in suture-free laser-assisted vascular repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 803-812. | 2.7  | 8         |

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|-----|---|-----|-----------|
| 91  | Mechanistic overview of reactive species-induced degradation of the endothelial glycocalyx during hepatic ischemia/reperfusion injury. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1382-1402.                            | 2.9 | 195       |
| 92  | The emerging role of transport systems in liver function tests. <i>European Journal of Pharmacology</i> , 2012, 675, 1-5.   | 3.5 | 33        |
| 93  | An Overview of Three Promising Mechanical, Optical, and Biochemical Engineering Approaches to Improve Selective Photothermolysis of Refractory Port Wine Stains. <i>Annals of Biomedical Engineering</i> , 2012, 40, 486-506.     | 2.5 | 54        |
| 94  | Non-invasive Quantification of Triglyceride Content in Steatotic Rat Livers by 1H-MRS. <i>Academic Radiology</i> , 2011, 18, 1582-1592.   | 2.5 | 12        |
| 95  | Laser-induced primary and secondary hemostasis dynamics and mechanisms in relation to selective photothermolysis of port wine stains. <i>Journal of Dermatological Science</i> , 2011, 63, 139-147.                               | 1.9 | 26        |
| 96  | The microcirculatory response to compensated hypovolemia in a lower body negative pressure model. <i>Microvascular Research</i> , 2011, 82, 374-380.  | 2.5 | 32        |
| 97  | Transporters involved in the hepatic uptake of 99mTc-mebrofenin and indocyanine green. <i>Journal of Hepatology</i> , 2011, 54, 738-745.  | 3.7 | 245       |
| 98  | Electrospun Poly( $\epsilon$ -Caprolactone) Scaffold for Suture-Free Solder-Mediated Laser-Assisted Vessel Repair. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 19-25.  | 2.0 | 15        |
| 99  | Reversal of hepatic steatosis by omega-3 fatty acids measured non-invasively by <sup>1</sup> H-magnetic resonance spectroscopy in a rat model. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 356-363. | 2.8 | 42        |
| 100 | Optimization of Suture-Free Laser-Assisted Vessel Repair by Solder-Doped Electrospun Poly( $\mu$ -caprolactone) Scaffold. <i>Annals of Biomedical Engineering</i> , 2011, 39, 223-234.  | 2.5 | 15        |
| 101 | Multi-site and multi-depth near-infrared spectroscopy in a model of simulated (central) hypovolemia: lower body negative pressure. <i>Intensive Care Medicine</i> , 2011, 37, 671-677.  | 8.2 | 63        |
| 102 | Quantitative Assessment of Hepatic Function During Liver Regeneration in a Standardized Rat Model. <i>Journal of Nuclear Medicine</i> , 2011, 52, 294-302.  | 5.0 | 48        |
| 103 | Effect of Preoperative Biliary Drainage on Coagulation and Fibrinolysis in Severe Obstructive Cholestasis. <i>Journal of Clinical Gastroenterology</i> , 2010, 44, 646-652.   | 2.2 | 53        |
| 104 | A Clinical Perspective on the Criteria for Liver Resection and the Use of Liver Function Tests. <i>World Journal of Surgery</i> , 2010, 34, 868-869.  | 1.6 | 10        |
| 105 | Absence of 633-nm laser irradiation-induced effects on glucose phosphorylation by hexokinase. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 98, 216-222.   | 3.8 | 8         |
| 106 | Endovascular Laser-Tissue Interactions Redefined: Shining Light on Novel Windows of Therapeutic Opportunity Beyond Selective Photothermolysis. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 569-572.                        | 2.0 | 11        |
| 107 | Cholestasis enhances liver ischemia/reperfusion-induced coagulation activation in rats. <i>Hepatology Research</i> , 2010, 40, 204-215.   | 3.4 | 17        |
| 108 | Assessment of tissue oxygen saturation during a vascular occlusion test using near-infrared spectroscopy: the role of probe spacing and measurement site studied in healthy volunteers. <i>Critical Care</i> , 2009, 13, S4.      | 5.8 | 82        |

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| 109 | Simultaneous multi-depth assessment of tissue oxygen saturation in thenar and forearm using near-infrared spectroscopy during a simple cardiovascular challenge. <i>Critical Care</i> , 2009, 13, S5.         | 5.8 | 30        |
| 110 | How reproducible are rat steatosis models using high-fat diets?. <i>Journal of Hepatology</i> , 2009, 51, 822-823.  | 3.7 | 6         |
| 111 | On the interaction of fluorophore-encapsulating PEGylated lecithin liposomes with hamster and human platelets. <i>Microvascular Research</i> , 2009, 78, 57-66.   | 2.5 | 14        |
| 112 | Platelets and PEGylated lecithin liposomes: When stealth is allegedly picked up on the radar (and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50   | 2.5 | 5         |
| 113 | Fluorescent labeling of platelets with polyanionic fluorescein derivatives. , 2009, 31, 227-32.   |     | 4         |
| 114 | Suture-free laser-assisted vessel repair using CO2 laser and liquid albumin solder. <i>Journal of Biomedical Optics</i> , 2008, 13, 1.  | 2.6 | 18        |
| 115 | Simple, rapid, and sensitive liquid chromatography-fluorescence method for the quantification of tranexamic acid in blood. <i>Journal of Chromatography A</i> , 2007, 1157, 142-150.                          | 3.7 | 37        |
| 116 | Raman microspectrometry of laser-reshaped rabbit auricular cartilage: preliminary study on laser-induced cartilage mineralization. <i>Journal of Biomedical Optics</i> , 2006, 11, 024003.                    | 2.6 | 13        |
| 117 | Towards optimization of selective photothermolysis: prothrombotic pharmaceutical agents as potential adjuvants in laser treatment of port wine stains. <i>Thrombosis and Haemostasis</i> , 2005, 93, 242-256. | 3.4 | 57        |
| 118 | Darkfield orthogonal polarized spectral imaging for studying endovascular laser-tissue interactions in vivo-a preliminary study. <i>Optics Express</i> , 2005, 13, 702.                                       | 3.4 | 41        |
| 119 | Site-specific pharmaco-laser therapy: a novel treatment modality for refractory port wine stains. <i>Journal of Clinical and Translational Research</i> , 0, , .  | 0.3 | 5         |