

**Wissenschaftliche Veröffentlichungen  
(Stand: Juni 2019)**

*Übersicht*

|   | <b>Anzahl (n)</b> |
|---|-------------------|
| <b>Originalarbeiten</b>                             | <b>70</b>         |
| Erst- oder Senior-Autorenschaft                     | 31                |
| <b>Übersichts-Arbeiten</b>                          | <b>52</b>         |
| Erst- oder Senior-Autorenschaft                     | 43                |
| <b>Buchkapitel und Editorials</b>                   | <b>25</b>         |
| Erst- oder Senior-Autorenschaft                     | 23                |
| <b>In „Pubmed“ gelistete<br/>Veröffentlichungen</b> | <b>105</b>        |

## Veröffentlichung vor der Habilitation

### Originalarbeiten

1. M.Welte, B.Zwissler, O.Habler, M.Kleen, K.Messmer. Prostacyclin aerosol and inhaled nitric oxide fail to reverse pulmonary vasoconstriction induced by thromboxane analogue in dogs. *Acta Physiol Scand* 154:395-405,1995.
2. B.Zwissler, M.Welte, O.Habler, M.Kleen, K.Messmer. Effects of inhaled prostacyclin (PGI<sub>2</sub>) and inhaled nitric oxide (NO) in a canine model of pulmonary microembolism and oleic acid edema. *J Cardiothor Vasc Anesth* 9:283-289,1995.
3. O.Habler, M.Kleen, B.Zwissler, R.Pusch, M.Welte, C.Vogelmeier, B.Kempton, F.Krombach, K.Messmer. Inhalation of prostacyclin (PGI<sub>2</sub>) for eight hours does not produce signs of acute pulmonary toxicity in healthy lambs. *Intens Care Med* 22:426-433,1996.
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6. G.Kemming, W.Kreyling, O.Habler, M.Merkel, M.Kleen, M.Welte, K.Messmer, B.Zwissler. Aerosol production and aerosol droplet size distribution during mechanical ventilation (IPPV) with a new ultrasonic nebulizer. *Eur J Med Res* 1:321-327,1996.
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8. O.Habler, M.Kleen, A.Podtschaske, J.Hutter, M.Tiede, G.Kemming, M.Welte, C.Corso, K.Messmer. Effect of acute normovolemic hemodilution (ANH) on myocardial contractility in anesthetized dogs. *Anesth Analg* 83:451-458,1996.
9. M.Kleen, O.Habler, J.Hutter, A.Podtschaske, M.Tiede, G.Kemming, M.Welte, C.Corso, K.Messmer. Effects of hemodilution on gastric regional perfusion and intramucosal pH. *Am J Physiol* 271:H1849-H1855,1996.
10. M.Kleen, O.Habler, J.Hutter, A.Podtschaske, M.Tiede, G.Kemming, M.Welte, C.Corso, S.Batra, P.Keipert, S.Faithfull, K.Messmer. Effects of hemodilution on splanchnic perfusion and hepatorenal function. I. Splanchnic perfusion. *Eur J Med Res* 2:413-418,1997.
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3. O.Habler and K.Messmer. Physiology of oxygen transport. *Transfus Sci* 18:425-435,1997.
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### Buchkapitel und Editorials

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  5. O.Habler and K.Messmer. Pharmacotherapeutics: blood substitutes. Oxford Textbook of Critical Care; A.R.Webb, M.J.Shapiro, M.Singer, P.M.Singer (edts); Oxford University Press, New York Chapter 17.1.13: 1239-1241,1999.
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  8. O.Habler and K.Meßmer. Hyperoxia in extreme hemodilution. Syllabus of the 1st congress of bloodless health care 1-10,2000.

## Veröffentlichungen *nach* der Habilitation

### Originalarbeiten

1. D.A.Bottino, M.Kleen, G.Kemming, F.Meisner, O.Habler, K.Messmer. Three-dimensional visualization of lung blood flow heterogeneity based on fluorescent microsphere technique and fractal dimension. Comput Meth Prog Bio 65:79-87,2001.
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15. G.I.Kemming, F.G.Meisner, J.M.Meier, J.Tillmanns, E.Thein, J.Eriskat, O.P.Habler. Hyperoxic ventilation at the critical hematocrit: effects on myocardial perfusion and function. *Acta Anaesth Scand* 48:951-959,2004.
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  26. A.Pape, H.Kertscho, J.Meier, O.Horn, M.Laout, M.Steche, A.Theisen, B.Zwissler, O.Habler. PEG-modified hemoglobin-liposomes increase survival time in critical normovolemic anemia. *Int Care Med* 34: 1534-43, 2008.
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