Andreas Steingoetter

List of Publications by Year
in descending order

25 papers	958 citations	567281 15 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1159 citing authors

#	Article	IF	Citations
1	Effect of meal volume and calorie load on postprandial gastric function and emptying: studies under physiological conditions by combined fiber-optic pressure measurement and MRI. American Journal of Physiology - Renal Physiology, 2009, 297, G894-G901.	3.4	128
2	Optimized and combinedT1 andB1 mapping technique for fast and accurateT1 quantification in contrast-enhanced abdominal MRI. Magnetic Resonance in Medicine, 2007, 57, 568-576.	3.0	106
3	Magnetic resonance imaging for the assessment of gastrointestinal function. Scandinavian Journal of Gastroenterology, 2006, 41, 1245-1260.	1.5	91
4	Effects of posture on the physiology of gastric emptying: A magnetic resonance imaging study. Scandinavian Journal of Gastroenterology, 2006, 41, 1155-1164.	1.5	80
5	Tailoring Emulsions for Controlled Lipid Release: Establishing in vitroâ€"in Vivo Correlation for Digestion of Lipids. ACS Applied Materials & Interfaces, 2018, 10, 17571-17581.	8.0	64
6	Imaging gastric structuring of lipid emulsions and its effect on gastrointestinal function: a randomized trial in healthy subjects. American Journal of Clinical Nutrition, 2015, 101, 714-724.	4.7	63
7	Gastric motor function and emptying in the right decubitus and seated body position as assessed by magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2006, 23, 331-338.	3.4	61
8	Magnetic Resonance Imaging for the in Vivo Evaluation of Gastric-Retentive Tablets. Pharmaceutical Research, 2003, 20, 2001-2007.	3.5	57
9	Abnormal Structure and Function of the Esophagogastric Junction and Proximal Stomach in Gastroesophageal Reflux Disease. American Journal of Gastroenterology, 2014, 109, 658-667.	0.4	54
10	Relationship of body weight with gastrointestinal motor and sensory function: studies in anorexia nervosa and obesity. BMC Gastroenterology, 2017, 17, 4.	2.0	48
11	Volume, distribution and acidity of gastric secretion on and off proton pump inhibitor treatment: a randomized double-blind controlled study in patients with gastro-esophageal reflux disease (GERD) and healthy subjects. BMC Gastroenterology, 2015, 15, 111.	2.0	28
12	The Dynamics of Gastric Emptying and Self-Reported Feelings of Satiation Are Better Predictors Than Gastrointestinal Hormones of the Effects of Lipid Emulsion Structure on Fat Digestion in Healthy AdultsÃ¢â‚¬â€A Bayesian Inference Approach. Journal of Nutrition, 2017, 147, 706-714.	2.9	24
13	Visualization and quantification of intestinal transit and motor function by realâ€time tracking of ^{19}F labeled capsules in humans. Magnetic Resonance in Medicine, 2011, 66, 812-820.	3.0	23
14	Fast and optimized T_1 mapping technique for the noninvasive quantification of gastric secretion. Journal of Magnetic Resonance Imaging, 2008, 28, 96-102.	3.4	21
15	The visualisation and quantification of human gastrointestinal fat distribution with MRI: a randomised study in healthy subjects. British Journal of Nutrition, 2016, 115, 903-912.	2.3	20
16	Emulsion Stability Modulates Gastric Secretion and Its Mixing with Emulsified Fat in Healthy Adults in a Randomized Magnetic Resonance Imaging Study. Journal of Nutrition, 2016, 146, 2158-2164.	2.9	16
17	Noncoagulating Enteral Formula Can Empty Faster From the Stomach. Journal of Parenteral and Enteral Nutrition, 2015, 39, 544-551.	2.6	15
18	Validation of a golden angle radial sequence (GOLD) for abdominal T1 mapping during free breathing: Demonstrating clinical feasibility for quantifying gastric secretion and emptying. Journal of Magnetic Resonance Imaging, 2015, 41, 157-164.	3.4	12

#	Article	IF	Citations
19	Reference region–based pharmacokinetic modeling in quantitative dynamic contract–enhanced MRI allows robust treatment monitoring in a rat liver tumor model despite cardiovascular changes. Magnetic Resonance in Medicine, 2011, 65, 229-238.	3.0	10
20	Assessing Antiangiogenic Therapy Response by DCE-MRI: Development of a Physiology Driven Multi-Compartment Model Using Population Pharmacometrics. PLoS ONE, 2011, 6, e26366.	2.5	8
21	Gastric and Postgastric Processing of [13] C Markers Renders the [13] C Breath Test an Inappropriate Measurement Method for the Gastric Emptying of Lipid Emulsions in Healthy Adults. Journal of Nutrition, 2017, 147, 1258-1266.	2.9	7
22	A Rat Model of Human Lipid Emulsion Digestion. Frontiers in Nutrition, 2019, 6, 170.	3.7	7
23	[19]F MR Imaging Golden Angle–based Capsule Tracking for Intestinal Transit and Catheter Tracking: Initial in Vivo Experience. Radiology, 2012, 265, 917-925.	7.3	6
24	Accelerating MRI fat quantification using a signal model-based dictionary to assess gastric fat volume and distribution of fat fraction. Magnetic Resonance Imaging, 2017, 37, 81-89.	1.8	6
25	Real–Time Multipoint Gastrointestinal 19–Fluorine Catheter Tracking. Magnetic Resonance in Medicine, 2014, 71, 302-307.	3.0	3