



Stephan Baumüller

Contact

Stephan Baumüller

Publications (15)

Gordic S, Frauenfelder T, Leschka S, Stolzmann P, Raupach R, Baumueller S, Husarik D, Flohr T, Allmendinger T, Schmidt B, Morsbach F, Alkadhi H. Ultralow-dose chest computed tomography for pulmonary nodule detection: first performance evaluation of single energy scanning with spectral shaping. *Invest Radiol* 2014; 49:465-73.

Baumuellet S, Desbiolles L, Scheffel H, Feuchtner G, Falk V, Plass A, Schertler T, Goetti R, Frauenfelder T, Stolzmann P, Alkadhi H, Leschka S. Computed tomography of the lung in the high-pitch mode: is breath holding still required?. *Invest Radiol* 2011; 46:240-5.

Donati O, Leschka S, Alkadhi H, Seifarth H, Marincek B, Baumuellet S, Bunck A, Stolzmann P, Karlo C, Desbiolles L, Burg M, Maintz D. High-pitch 128-slice dual-source CT for the assessment of coronary stents in a phantom model. *Acad Radiol* 2010; 17:1366-74.

Alkadhi H, Leschka S, Trindade P, Feuchtner G, Stolzmann P, Plass A, Baumuellet S. Cardiac CT for the differentiation of bicuspid and tricuspid aortic valves: comparison with echocardiography and surgery. *AJR Am J Roentgenol* 2010; 195:900-8.

Karlo C, Lauber A, Goetti R, Baumuellet S, Stolzmann P, Scheffel H, Desbiolles L, Schmidt B, Marincek B, Alkadhi H, Leschka S. Dual-energy CT with tin filter technology for the discrimination of renal lesion proxies containing blood, protein, and contrast-agent. An experimental phantom study. *Eur Radiol* 2010; 21:385-92.

Goetti R, Alkadhi H, Scheffel H, Baumuellet S, Karlo C, Fischer M, Desbiolles L, Stolzmann P, Feuchtner G, Leschka S. High-pitch dual-source CT coronary angiography: systolic data acquisition at high heart rates. *Eur Radiol* 2010; 20:2565-71.

Alkadhi H, Marincek B, Falk V, Feuchtner G, Scheffel H, Plass A, Goetti R, Baumuellet S, Desbiolles L, Stolzmann P, Leschka S. Low-dose, 128-slice, dual-source CT coronary angiography: accuracy and radiation dose of the high-pitch and the step-and-shoot mode. *Heart* 2010; 96:933-8.

Feuchtner G, Alkadhi H, Marincek B, Wieser M, Scheffel H, Stolzmann P, Baumuellet S, Plass A, Goetti R, Leschka S. Dual-step prospective ECG-triggered 128-slice dual-source CT for evaluation of coronary arteries and cardiac function without heart rate control: a technical note. *Eur Radiol* 2010; 20:2092-9.

Leschka S, Kim C, Baumuellet S, Stolzmann P, Scheffel H, Marincek B, Alkadhi H. Scan length adjustment of CT coronary angiography using the calcium scoring scan: effect on radiation dose. *AJR Am J Roentgenol* 2010; 194:W272-7.

Scheffel H, Marincek B, Wyss C, Boesiger P, Falk V, Kozerke S, Leschka S, Desbiolles L, Baumuellet S, Plass A, Azemaj N, Alkadhi H, Stolzmann P, Donati O. Low-dose CT and cardiac MR for the diagnosis of coronary artery disease: accuracy of single and combined approaches. *Int J Cardiovasc Imaging* 2010; 26:579-90.

Stolzmann P, Alkadhi H, Marincek B, Feuchtner G, Scheffel H, Falk V, Plass A, Baumuellet S, Goetti R, Leschka S. Prospective and retrospective ECG-gating for CT coronary angiography perform similarly accurate at low heart rates. 2010

Stolzmann P, Marincek B, Boesiger P, Grünenfelder J, Leschka S, Kozerke S, Plass A, Baumuellet S, Azemaj N, Scheffel H, Donati O, Alkadhi H. Low-dose CT coronary angiography for the prediction of myocardial ischaemia. *Eur Radiol* 2010; 20:56-64.

Leschka S, Wildermuth S, Flohr T, Scheffel H, Stolzmann P, Baumüller S, Thurnheer M, Schultes B, Schmid F, Stinn B, Alkadhi H. Dual source CT coronary angiography in severely obese patients: trading off temporal resolution and image noise. *Invest Radiol* 2009; 44:720-7.

Leschka S, Marincek B, Feuchtner G, Falk V, Plass A, Scheffel H, Schertler T, Goetti R, Baumüller S, Desbiolles L, Stolzmann P, Alkadhi H. Diagnostic accuracy of high-pitch dual-source CT for the assessment of coronary stenoses: first experience. *Eur Radiol* 2009; 19:2896-903.

Scheffel H, Baumüller S, Stolzmann P, Leschka S, Plass A, Alkadhi H, Schertler T. Atrial myxomas and thrombi: comparison of imaging features on CT. *AJR Am J Roentgenol* 2009; 192:639-45.

Projects (0)

No results found.

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch