

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014)

| Breast & Trauma Surgery | |
|-------------------------|--|
| Original Article | |
| 1 | Genome-wide association analysis in East Asians identifies breast cancer susceptibility loci at 1q32.1, 5q14.3 and 15q26.1. Cai Q,... <u>Hartman M</u> ...et al Nat Genet. 2014 Aug;46(8):886-90. doi: 10.1038/ng.3041. Epub 2014 Jul 20. (Tier 1, IF 34.52) |
| 2 | Exome sequencing identifies highly recurrent MED12 somatic mutations in breast fibroadenoma. Lim WK,... <u>Hartman M</u> ...et al Nat Genet. 2014 Aug;46(8):877-80. doi: 10.1038/ng.3037. Epub 2014 Jul 20. (Tier 1, IF 34.52) |
| 3 | Mammographic Density Phenotypes and Risk of Breast Cancer: A Meta-analysis. Pettersson A, Graff RE, Ursin G, Santos Silva ID, McCormack V, Baglietto L, Vachon C, Bakker MF, Giles GG, Chia KS, Czene K, Eriksson L, Hall P, <u>Hartman M</u> , Warren RM, Hislop G, Chiarelli AM, Hopper JL, Krishnan K, Li J, Li Q, Pagano I, Rosner BA, Wong CS, Scott C, Stone J, Maskarinec G, Boyd NF, van Gils CH, Tamimi RM. J Natl Cancer Inst. 2014 May 10;106(5). pii: dju078. (Tier 1, IF 14.794) |
| 4 | Fine-Scale Mapping of the 5q11.2 Breast Cancer Locus Reveals at Least Three Independent Risk Variants Regulating MAP3K1. Glubb DM, ... <u>Hartman M</u> ...French JD...et al Am J Hum Genet. 2014 Dec 17. pii: S0002-9297(14)00475-3. doi: 10.1016/j.ajhg.2014.11.009. [Epub ahead of print] (Tier 1, IF 10.987) |
| 5 | Evidence that breast cancer risk at the 2q35 locus is mediated through IGFBP5 regulation. Ghoussaini... <u>Hartman M</u> ... <u>Buhari SA</u> ...et al Nat Commun. 2014 Sep 23;4:4999. doi: 10.1038/ncomms5999. (Not Tiered, IF 10.02) |
| 6 | Splenectomy and the Risk of Sepsis: A Population-Based Cohort Study. Edgren G, Almqvist R, <u>Hartman M</u> , Utter GH. Ann Surg. 2014 Dec;260(6):1081-7. doi: 10.1097/SLA.0000000000000439. (Tier 1, IF 8.058) |
| 7 | Identification and characterisation of novel associations in the CASP8/ALS2CR12 region on chromosome 2 with breast cancer risk. Lin WY,... <u>Hartman M</u> ... Chia KS...et al Hum Mol Genet. 2014 Aug 28. pii: ddu431. [Epub ahead of print] (Tier 1, IF 7.692) |
| 8 | Common non-synonymous SNPs associated with breast cancer susceptibility: findings from the Breast Cancer Association Consortium. Milne RL,... <u>Hartman M</u> ... <u>Chan CW</u> ...et al Hum Mol Genet. 2014 Jun 18. pii: ddu311. [Epub ahead of print] (Tier 1, IF 7.541) |
| 9 | Prognostic information of a previously diagnosed sister is an independent prognosticator for a newly diagnosed sister with breast cancer. Lindström LS, Li J, Lee M, Einbeigi Z, <u>Hartman M</u> , Hall P, Czene K. Ann Oncol. 2014 Jul 23. pii: mdu270. [Epub ahead of print] (Not Tiered, IF 6.473) |
| 10 | Genetic variation at CYP3A is associated with age at menarche and breast cancer risk: a case-control study. Johnson N,... <u>Hartman M</u> ... <u>Anthony Tang</u> ...et al Breast Cancer Res. 2014 May 26;16(3):R51. [Epub ahead of print] (Tier 2, IF 6.264) |
| 11 | Breast cancer risk assessment using genetic variants and risk factors in a Singapore Chinese population. Lee CP, Irwanto A, Salim A, Yuan JM, Liu J, Koh WP, <u>Hartman M</u> . Breast Cancer Res. 2014 Jun 18;16(3):R64. doi: 10.1186/bcr3678. (Tier 2, IF 6.264) |
| 12 | FGF receptor genes and breast cancer susceptibility: results from the Breast Cancer Association Consortium. Agarwal D,... <u>Hartman M</u> ... <u>Jau PT</u> ...et al Br J Cancer. 2014 Feb 18;110(4):1088-100. doi: 10.1038/bjc.2013.769. (Tier 2, IF 5.206) |
| 13 | Spectrum of very early breast cancer in a setting without organised screening. Bhoo-Pathy N, Subramaniam S, Taib NA, <u>Hartman M</u> , Alias Z, Tan GH, Ibrahim RI, Yip CH, Verkooijen HM. Br J Cancer. 2014 Apr 15. doi: 10.1038/bjc.2014.183. [Epub ahead of print] (Tier 2, IF 5.206) |
| 14 | The Heritability of Prostate Cancer in the Nordic Twin Study of Cancer. Hjeltnborg JB, Scheike T, Holst K, Skytthe A, Penney KL, Graff RE, Pukkala E, Christensen K, Adami HO, Holm NV, Nuttall E, Hansen S, <u>Hartman M</u> , Czene K, Harris JR, Kaprio J, Mucci LA. Cancer Epidemiol Biomarkers Prev. 2014 May 8. [Epub ahead of print] (Not Tiered, IF 4.703) |
| 15 | Recurrent mutation testing of BRCA1 and BRCA2 in Asian breast cancer patients identify carriers in those with presumed low risk by family history. Kang PC, Phuah SY, Sivanandan K, Kang IN, Thirthagiri E, Liu JJ, Hassan N, Yoon SY, Thong MK, Hui M, <u>Hartman M</u> , Yip CH, Mohd Taib NA, Teo SH. Breast Cancer Res Treat. 2014 Apr;144(3):635-42. doi: 10.1007/s10549-014-2894-x. Epub 2014 Mar 1. (Tier 2, IF 4.467) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014)

| Breast & Trauma Surgery - cont | |
|--------------------------------|---|
| Original Article | |
| 16 | Pregnancy during breast cancer: does a mother's parity status modify an offspring's mortality risk? Simonella L, Verkooijen HM, Edgren G, Liu J, Hui M, Salim A, Czene K, <u>Hartman M</u> . Breast Cancer Res Treat. 2014 Jun 17. [Epub ahead of print] (Tier 2, IF 4.467) |
| 17 | Demographic and spatial predictors of anemia in women of reproductive age in timor-leste: implications for health program prioritization. Lover AA, <u>Hartman M</u> , Chia KS, Heymann DL. PLoS One. 2014 Mar 14;9(3):e91252. doi: 10.1371/journal.pone.0091252. eCollection 2014. (Not Tiered, IF 3.73) |
| 18 | Predicting survival of de novo metastatic breast cancer in asian women: systematic review and validation study. Miao H, <u>Hartman M</u> , Bhoo-Pathy N, Lee SC, Taib NA, Tan EY, Chan P, Moons KG7, Wong HS, Goh J, Rahim SM, Yip CH, Verkooijen HM. PLoS One. 2014 Apr 2;9(4):e93755. doi: 10.1371/journal.pone.0093755. eCollection 2014. . (Not Tiered, IF 3.73) |
| 19 | Gestational age and neonatal brain microstructure in term born infants: a birth cohort study. Broekman BF, ... <u>Hartman M</u> , ..., GUSTO Study Group. PLoS One. 2014 Dec 23;9(12):e115229. doi: 10.1371/journal.pone.0115229. eCollection 2014. (Not Tiered, IF 3.73) |
| 20 | Assessment of a fully automated, high-throughput mammographic density measurement tool for use with processed digital mammograms. Couwenberg AM, Verkooijen HM, Li J, Pijnappel RM, Charaghvandi KR, <u>Hartman M</u> , van Gils CH. Cancer Causes Control. 2014 Jun 25. [Epub ahead of print] (Not Tiered, IF 3.474) |
| 21 | Improving Outcomes in Breast Cancer for Low and Middle Income Countries. Yip CH, Buccimazza I, <u>Hartman M</u> , Deo SV, Cheung PS. World J Surg. 2014 Nov 15. [Epub ahead of print] (Tier 3, IF 2.79) |
| 22 | Prediction of Lymph Node Involvement in Patients with Breast Tumors Measuring 3-5 cm in a Middle-Income Setting: the Role of CancerMath. Pijnappel EN, Bhoo-Pathy N, Suniza J, See MH, Tan GH, Yip CH, <u>Hartman M</u> , Taib NA, Verkooijen HM. World J Surg. 2014 Aug 29. [Epub ahead of print] (Tier 3, IF 2.751) |
| 23 | Is there an optimal environment in which to learn clinical anatomy? One man's view Eng-Tat Ang, Peter Abrahams, Seow Choon Sheong, <u>Mikael Hartman</u> . Forensic Medicine and Anatomy Research Vol.2 No.1, Jan 2014. (Not Tiered, IF 0) |
| 24 | Multi-catheter interstitial accelerated partial breast irradiation - tips and tricks for a good insertion. Tang JI, Tan PW, Koh VY, <u>Buhari SA</u> . J Contemp Brachytherapy. 2014 Mar;6(1):85-90. Epub 2014 Feb 19. (Not Tiered, IF 0) |
| 25 | Comparing a volume based template approach and ultrasound guided freehand approach in multicatheter interstitial accelerated partial breast irradiation. Koh VY, <u>Buhari SA</u> , Tan PW, Tan YI, Leong YF, Earnest A, Tang JI. J Contemp Brachytherapy. 2014 Jun;6(2):173-7. doi: 10.5114/jcb.2014.43329. Epub 2014 Jun 9. (Not Tiered, IF 0) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014)

| Cardiac, Thoracic & Vascular Surgery | |
|--------------------------------------|--|
| Original Article | |
| 1 | Position Paper for the Organization of Extracorporeal Membrane Oxygenation Programs for Acute Respiratory Failure in Adult Patients. Combes A, ... <u>MacLaren G</u> ... et al Am J Respir Crit Care Med. 2014 Jul 25. [Epub ahead of print] (Tier 1, IF 10.919) |
| 2 | Cilostazol for intermittent claudication. Bedenis R, Stewart M, Cleanthis M, <u>Robless P</u> , Mikhailidis DP, Stansby G. Cochrane Database Syst Rev. 2014 Oct 31;10:CD003748. doi: 10.1002/14651858.CD003748.pub4. (Not Tiered, IF 6.706) |
| 3 | Effects of fluid resuscitation with 0.9% saline versus a balanced electrolyte solution on acute kidney injury in a rat model of sepsis*. Zhou F, Peng ZY, Bishop JV, <u>Cove ME</u> , Singbartl K, Kellum JA. Crit Care Med. 2014 Apr;42(4):e270-8. doi: 10.1097/CCM.0000000000000145. (Tier 2, IF 6.401) |
| 4 | Endogenous glycosaminoglycan anticoagulation in extracorporeal membrane oxygenation. <u>Graeme MacLaren</u> , Paul Monagle. Critical Care, Nov 2014, 18:636. [Epub ahead of print] (Tier 3, IF 5.411) |
| 5 | What's new in paediatric extracorporeal membrane oxygenation? <u>MacLaren G</u> , Brown KL, Thiagarajan RR. Intensive Care Med. 2014 Jun 5. [Epub ahead of print] (Tier 1, IF 5.399) |
| 6 | Incorporation of a prolyl hydroxylase inhibitor into scaffolds: a strategy for stimulating vascularization. Sham A, <u>Martinez EC</u> , Beyer S, Trau DW, Raghunath M. Tissue Eng Part A. 2014 Nov 4. [Epub ahead of print] (Not Tiered, IF 4.02) |
| 7 | Porcine cardiac extracellular matrix restores myocardial function and structure in both acute and chronic myocardial injuries. Sarig H, Sarig U, De Berardinis E, Chaw SY, Ramanujam V, <u>Jalil RBA</u> , <u>Vu DT</u> , Seliktar D, <u>Kofidis T</u> , <u>Venkatraman S</u> , Machluk M. J Tissue Eng Regen M 8 201-201, Jun 2014. (Not Tiered, IF 3.699) |
| 8 | Applied Cardiovascular Physiology in the PICU. Katja M. Gist, Neil Spenceley, Bennett J. Sheridan, <u>Graeme MacLaren</u> , Derek S. Wheeler Pediatric Critical Care Medicine 2014, pp 303-321 (Not Tiered, IF 3.129) |
| 9 | Bedside pleural procedures by pulmonologists and non-pulmonologists: a 3-year safety audit. See KC, Ong V, Teoh CM, <u>Ooi OC</u> , Widjaja LS, Mujumdar S, Phua J, Khoo KL, Lee P, Lim TK. Respirology. 2014 Apr;19(3):396-402. doi: 10.1111/resp.12244. Epub 2014 Feb 10. (Not Tiered, IF 2.781) |
| 10 | Design considerations and quantitative assessment for the development of percutaneous mitral valve stent. Kumar GP, Cui F, Phang HQ, Su B, Leo HL, <u>Hon JK</u> . Med Eng Phys. 2014 Apr 15. pii: S1350-4533(14)00076-9. doi: 10.1016/j.medengphy.2014.03.010. [Epub ahead of print] (Tier 3, IF 2.226) |
| 11 | Effects of a carotid covered stent with a novel membrane design on the blood flow regime and hemodynamic parameters distribution at the carotid artery bifurcation. Kabinejadian F, Cui F, Su B, Danpinid A, <u>Ho P</u> , Leo HL. Med Biol Eng Comput. 2014 Nov 5. [Epub ahead of print] (Not Tiered, IF 1.879) |
| 12 | Fiber optic projection-imaging system for shape measurement in confined space. Chen L, Bavigadda V, <u>Kofidis T</u> , Howe RD. ScientificWorldJournal. 2014 Feb 10;2014:206569. doi: 10.1155/2014/206569. eCollection 2014. (Not Tiered, IF 1.603) |
| 13 | Ethical Dilemmas of Adult ECMO: Emerging Conceptual Challenges. <u>Ramanathan K</u> , <u>Cove ME</u> , <u>Caleb MG</u> , Teoh KL, MacLaren G. J Cardiothorac Vasc Anesth. 2014 Oct 23. pii: S1053-0770(14)00329-2. doi: 10.1053/j.jvca.2014.07.015. [Epub ahead of print] (Tier 2, IF 1.320) |
| 14 | Difficulties With the Use of Thromboelastometry in a Patient With Antiphospholipid Syndrome Undergoing Cardiac Surgery. Lee ES, Narasimhan U, <u>Kofidis T</u> , Ti LK. J Cardiothorac Vasc Anesth. 2014 Sep 9. pii: S1053-0770(14)00029-9. doi: 10.1053/j.jvca.2014.02.006. [Epub ahead of print] (Tier 2, IF 1.279) |
| 15 | Comparison of different surgical techniques in 112 consecutive patients with aortic root operations: when should the valve be spared? Blehm A, Schurr P, <u>Sorokin VA</u> , Zianikal I, Kamiya H, Albert A, Lichtenberg A. J Heart Valve Dis. 2014 Jan;23(1):9-16. (Tier 4, IF 1.109) |
| 16 | The inflammatory response between miniaturised and conventional cardiopulmonary bypass after cardiac surgery in an Asian population. Ng R, Chew S, Liu W, Ong P, <u>Caleb M</u> , <u>Ti L</u> . Perfusion. 2014 Dec 11. pii: 0267659114563779. [Epub ahead of print] (Tier 4, IF 1.098) |
| 17 | Not off the assembly line but properly tailored: customizing cannulation for extracorporeal life support*. <u>MacLaren G</u> , d'Udekem Y, Butt W. Pediatr Crit Care Med. 2014 May;15(4):375-7. doi: 10.1097/PCC.0000000000000117. (Not Tiered, IF 1.093) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| Cardiac, Thoracic & Vascular Surgery - cont | |
|---|---|
| Original Article | |
| 18 | Feasibility of Transapical Cardioscopic Surgery in a Pig Model. Kofidis T, Duc Vu T, Pal SN, Vaibavi SR, Chang G, Chua YC, Ti LK, Lee CN. J Card Surg. 2014 Aug 7. doi: 10.1111/jocs.12419. [Epub ahead of print] (Tier 4, IF 0.969) |
| 19 | Do thrombotic events during endovascular interventions lead to poorer outcomes in patients with severe limb ischemia? Chia D, May KK, Zaw MH, Hartman M, Robless PA, Ho P. Vascular. 2014 Aug 19. pii: 1708538114546367. [Epub ahead of print] (Not Tiered, IF 0.933) |
| 20 | Sutureless aortic valve implantation: first experience in Asia. Chang G, Vu dT, Teoh KL, Ti LK, Kofidis T. Singapore Med J. 2014 Nov;55(11):598-600. (Not Tiered, IF 0.634) |
| 21 | Is continuation of antiplatelets until coronary artery bypass safe in Asians? Vu TD, Zaw MH, Chang G, Hu SL, Tay CW, Ng CW, Chia DK, Lee CN, Kofidis T. Asian Cardiovasc Thorac Ann. 2014 Jan 27. [Epub ahead of print] (Not Tiered, IF 0) |
| 22 | Differences in late cardiovascular mortality following acute myocardial infarction in three major Asian ethnic groups. de Carvalho LP, Gao F, Chen Q, Hartman M, Sim LL, Koh TH, Foo D, Chin CT, Ong HY, Tong KL, Tan HC, Yeo TC, Yew CK, Richards AM, Peterson ED, Chua T, Chan MY. Eur Heart J Acute Cardiovasc Care. 2014 Mar 5. [Epub ahead of print] (Not Tiered, IF 0) |
| 23 | Spontaneous hemopneumothorax: Our experience with surgical management. Tay CK, Yee YC, Asmat A. Asian Cardiovasc Thorac Ann. 2014 Nov 18. pii: 0218492314561502. [Epub ahead of print] (Not Tiered, IF 0) |
| Case Report | |
| 1 | Extubation to facilitate mother-baby bonding in refractory acute respiratory distress syndrome. MacLaren G, Ramanathan KR, Sorokin V. Intensive Care Med. 2014 Jul 18. [Epub ahead of print] (Tier 2, IF 5.399) |
| 2 | Lung Injury From Use of a Suction Catheter via the Double-Lumen Tube. Yeoh TY, Ng ES, Agasthian I, Ti LK. J Cardiothorac Vasc Anesth. 2014 Dec 19. pii: S1053-0770(14)00348-6. doi: 10.1053/j.jvca.2014.07.024. [Epub ahead of print] (Tier 2, IF 1.32) |
| 3 | Missed case of sinus venosus atrial septal defect post coronary artery bypass grafting. De SD, Maung Maung Aye W, Shankar S. J Cardiothorac Surg. 2014 May 19;9(1):91. doi: 10.1186/1749-8090-9-91. (Not Tiered, IF 1.006) |
| 4 | Haemopneumothorax related to acupuncture. Tan KQ, Asmat A. Acupunct Med. 2014 Mar 25. doi: 10.1136/acupmed-2014-010542. [Epub ahead of print] (Not Tiered, IF 1.047) |
| 5 | Chest wall secondary chondrosarcoma arising from enchondroma in a young Asian female. Nieh CC, Chua YC, Thirugnanam A, Hlwan MH. Int J Surg Case Rep. 2014 Oct 18;5(12):968-971. doi: 10.1016/j.ijscr.2014.10.008. [Epub ahead of print] (Not Tiered, IF 0) |
| 6 | Video-assisted thoracoscopic surgery atrial clipping for atrial fibrillation. Mithiran H, Sule J, Sazzad F, Ong Y, Kah Ti L, Kofidis T. Asian Cardiovasc Thorac Ann. 2014 Dec 11. pii: 0218492314563086. [Epub ahead of print] (Not Tiered, IF 0) |
| Letter to Editor | |
| 1 | Mistaking complications of critical illness for those of critical care. MacLaren G, Butt W, Peek G, Lynch WR, Bartlett RH. Crit Care Med. 2014 Feb;42(2):e173-4. doi: 10.1097/01.ccm.0000435671.37941.2e. (Tier 2, IF 6.401) |
| 2 | Volume-outcome relationships in extracorporeal membrane oxygenation: is bigger really better?* MacLaren G, Pasquali SK, Dalton HJ. Crit Care Med. 2014 Mar;42(3):726-7. doi: 10.1097/CCM.0000000000000061. (Tier 2, IF 6.401) |
| 3 | The authors reply. MacLaren G, Lou S, Butt W. Crit Care Med. 2014 Oct;42(10):e679-80. doi: 10.1097/CCM.0000000000000533. (Tier 2, IF 6.401) |
| 4 | Combined transcatheter therapy of aortic stenosis and thoracic aortic aneurysm. Tay EL, Hon JK, Yip JW, Teoh KL, Poh KK, Ang SB, Tan LK, Robless P. Ann Acad Med Singapore. 2014 May;43(5):279-81. (Not Tiered, IF 0) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| Colorectal | |
|------------------|--|
| Original Article | |
| 1 | Cecal Pole Mass Causing Intussusception. Wong K, Tan KK . Gastroenterology. 2014 Sep 25. pii: S0016-5085(14)00845-2. doi: 10.1053/j.gastro.2014.06.035. [Epub ahead of print] (Tier 1, IF 13.926) |
| 2 | Bilateral puborectalis interposition repair of rectourethral fistula. Solomon MJ, Tan KK , Bromilow RG, Wong JC. Dis Colon Rectum. 2014 Jan;57(1):133-9. doi: 10.1097/01.dcr.0000437789.54759.c9. (Tier 2, IF 3.273) |
| 3 | Sacrectomy via the abdominal approach during pelvic exenteration. Solomon MJ, Tan KK , Bromilow RG, Al-mozany N, Lee PJ. Dis Colon Rectum. 2014 Feb;57(2):272-7. doi: 10.1097/DCR.0000000000000039. (Tier 2, IF 3.273) |
| 4 | Does the timing of an invasive mesenteric angiography following a positive CT mesenteric angiography make a difference? Koh FH , Soong J, Lieske B , Cheong WK , Tan KK . Int J Colorectal Dis. 2015 Jan;30(1):57-61. doi: 10.1007/s00384-014-2055-z. Epub 2014 Nov 4. (Tier 3, IF 2.63) |
| 5 | Routine histological sampling of doughnuts post oncologic anterior resection is not necessary. Ng CW, Lieske B , Tan KK . Int J Colorectal Dis. 2014 May 7. [Epub ahead of print] (Tier 3, IF 2.499) |
| 6 | Patients who failed endoscopic stenting for left-sided malignant colorectal obstruction suffered the worst outcomes. Lim TZ, Chan D, Tan KK . Int J Colorectal Dis. 2014 Jul 2. [Epub ahead of print] (Tier 3, IF 2.499) |
| 7 | The extent of inflammation is a predictor for pouch-related complications in ileal pouches in patients with ulcerative or indeterminate colitis. Tan KK , Ravindran P, Young CJ, Solomon MJ. Colorectal Dis. 2014 Mar 18. doi: 10.1111/codi.12614. [Epub ahead of print] (Not Tiered, IF 2.39) |
| 8 | Caecal pneumatosis is not an absolute contraindication for endoluminal stenting in patients with acute malignant large bowel obstruction. Ngu J, Lieske B , Chan KH, Lim TZ, Cheong WK , Tan KK . ANZ J Surg. 2014 Feb 15. doi: 10.1111/ans.12539. [Epub ahead of print] (Tier 4, IF 1.471) |
| 9 | Predictors for outcomes after super-selective mesenteric embolization for lower gastrointestinal tract bleeding. Chan DK , Soong J , Koh F , Tan KK , Lieske B . ANZ J Surg. 2014 Jul 24. doi: 10.1111/ans.12762. [Epub ahead of print] (Tier 4, IF 1.471) |
| 10 | Does experience meet expectations among general surgical trainees in australia and new zealand? Abdelmalek P, Tan KK , Young CJ. Ann Acad Med Singapore. 2014 Mar;43(3):187-91. (Not Tiered, IF 1.452) |
| 11 | Endowrist versus wrist: a case-controlled study comparing robotic versus hand-assisted laparoscopic surgery for rectal cancer. Koh FH , Tan KK , Lieske B , Tsang ML, Tsang CB , Koh DC . Surg Laparosc Endosc Percutan Tech. 2014 Oct;24(5):452-6. doi: 10.1097/SLE.0b013e318290158d. (Tier 4, IF 1.202) |
| 12 | Laparoscopic Resection for Rectal Cancer: What Is the Evidence? Chan DK , Chong CS , Lieske B , Tan KK . Biomed Res Int. 2014;2014:347810. Epub 2014 Apr 16. (Not Tiered, IF 0) |
| 13 | Preoperative body mass index, 30-day postoperative morbidity, length of stay and quality of life in patients undergoing pelvic exenteration surgery for recurrent and locally-advanced rectal cancer. Beaton J, Carey S, Solomon MJ, Tan KK , Young J. Ann Coloproctol. 2014 Apr;30(2):83-7. doi: 10.3393/ac.2014.30.2.83. Epub 2014 Apr 25. (Not Tiered, IF 0) |
| 14 | Sphincter-Preserving Therapy for Treating a Chronic Anal Fissure: Long-term Outcomes. Farouk R . Ann Coloproctol. 2014 Jun;30(3):132-4. doi: 10.3393/ac.2014.30.3.132. Epub 2014 Jun 23. (Not Tiered, IF 0) |
| 15 | Pelvic Exenteration for Primary and Recurrent Gynecologic Malignancies Is Safe and Achieves Acceptable Long-Term Outcomes. Ahmadi Nima, Tan Ker-Kan , Solomon Michael J., Al-Mozany Nagham, and Carter Jonathan. Journal of Gynecologic Surgery. October 2014, 30(5): 255-259. doi:10.1089/gyn.2013.0137. (Not Tiered, IF 0) |
| 16 | The LIFT Procedure Sharon Z Koh , Charles B Tsang. Seminars in Colon and Rectal Surgery 25 (2014) 190-199. (Not Tiered, IF 0) |
| Case Report | |
| 1 | Isolated abdominal aortic dissection. Tang EL, Chong CS , Narayanan S. BMJ Case Rep. 2014 Feb 14;2014. pii: bcr2013203097. doi: 10.1136/bcr-2013-203097. (Not Tiered, IF 0) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| General Surgery | |
|------------------|---|
| Original Article | |
| 1 | Time Dependent Changes in Atherosclerotic Plaque Composition in Patients Undergoing Carotid Surgery. van Lammeren GW, den Ruijter HM, Vrijenhoek JE, van der Laan S, Velema E, de Vries JP, <u>de Kleijn DP</u> , Vink A, de Borst GJ, Moll FL, Bots ML, Pasterkamp G. Circulation. 2014 Mar 17. [Epub ahead of print] (Tier 1, IF 15.385) |
| 2 | Extending neurites sense the depth of the underlying topography during neuronal differentiation and contact guidance. Chua JS, Chng CP, Moe AA, Tann JY, Goh EL, Chiam KH, <u>Yim EK</u> . Biomaterials. 2014 Jun 18. pii: S0142-9612(14)00684-X. doi: 10.1016/j.biomaterials.2014.06.008. [Epub ahead of print] (Tier 1, IF 8.496) |
| 3 | Absence of chemokine (C-x-C motif) ligand 10 diminishes perfusion recovery after local arterial occlusion in mice. van den Borne P, Haverslag RT, Brandt MM, Cheng C, Duckers HJ, Quax PH, Hoefer IE, Pasterkamp G, <u>de Kleijn DP</u> . Arterioscler Thromb Vasc Biol. 2014 Mar;34(3):594-602. doi: 10.1161/ATVBAHA.113.303050. Epub 2014 Jan 9. (Tier 1, IF 6.986) |
| 4 | Organic nanoparticles with aggregation-induced emission for tracking bone marrow stromal cells in the rat ischemic stroke model. Li K, Yamamoto M, Chan SJ, Chiam MY, Qin W, Wong PT, <u>Yim EK</u> , Tang BZ, Liu B. Chem Commun (Camb). 2014 Nov 6;50(96):15136-9. doi: 10.1039/c4cc06921h. (Tier 1, IF 6.485) |
| 5 | Micro- and nanotopography with extracellular matrix coating modulate human corneal endothelial cell behavior. Koo S, Muhammad R, Peh GS, Mehta JS, <u>Yim EK</u> . Acta Biomater. 2014 May;10(5):1975-84. doi: 10.1016/j.actbio.2014.01.015. Epub 2014 Jan 21. (Not Tiered, IF 5.378) |
| 6 | Composite pullulan-dextran polysaccharide scaffold with interfacial polyelectrolyte complexation fibers: a platform with enhanced cell interaction and spatial distribution. Cutiongco MF, Tan MH, Ng MY, Visage CL, <u>Yim EK</u> . Acta Biomater. 2014 Jun 27. pii: S1742-7061(14)00285-2. doi: 10.1016/j.actbio.2014.06.029. [Epub ahead of print] (Not Tiered, IF 5.378) |
| 7 | Equine epidermis: a source of epithelial-like stem/progenitor cells with in vitro and in vivo regenerative capacities. Broeckx SY, Maes S, Martinello T, Aerts D, Chiers K, Mariën T, Patruno M, <u>Franco-Obregón A</u> , Spaas JH. Stem Cells Dev. 2014 May 15;23(10):1134-48. doi: 10.1089/scd.2013.0203. Epub 2014 Feb 7. (Not Tiered, IF 4.7) |
| 8 | Leukotriene B4 levels in human atherosclerotic plaques and abdominal aortic aneurysms. van den Borne P, van der Laan SW, Bovens SM, Koole D, Kowala MC, Michael LF, Schoneveld AH2, van de Weg SM, Velema E, de Vries JP, de Borst GJ, Moll FL, <u>de Kleijn DP</u> , Quax PH, Hoefer IE, Pasterkamp G. PLoS One. 2014 Jan 27;9(1):e86522. doi: 10.1371/journal.pone.0086522. eCollection 2014. (Not Tiered, IF 4.247) |
| 9 | Circulating immunoglobulins are not associated with intraplaque mast cell number and other vulnerable plaque characteristics in patients with carotid artery stenosis. Willems S, van der Velden D, Quax PH, de Borst GJ, de Vries JP, Moll FL, Kuiper J, Toes RE, de Jager SC, <u>de Kleijn DP</u> , Hoefer IE, Pasterkamp G, Bot I. PLoS One. 2014 Feb 21;9(2):e88984. doi: 10.1371/journal.pone.0088984. eCollection 2014. (Not Tiered, IF 4.244) |
| 10 | Quantitative profiling of the rat heart myoblast secretome reveals differential responses to hypoxia and re-oxygenation stress. Li X, Ren Y, <u>Sorokin V</u> , Poh KK, Ho HH, <u>Lee CN</u> , <u>de Kleijn D</u> , Lim SK, Tam JP, Sze SK. J Proteomics. 2014 Feb 26;98:138-49. doi: 10.1016/j.jprot.2013.12.025. Epub 2014 Jan 9. (Not Tiered, IF 4.223) |
| 11 | Intragenic integration in DLC1 sustains factor VIII expression in primary human cells without insertional oncogenicity. Sivalingam J, <u>Phan TT</u> , Kon OL. Gene Ther. 2014 Apr;21(4):402-12. doi: 10.1038/gt.2014.11. Epub 2014 Feb 20. (Tier 1, IF 4.022) |
| 12 | The Synergistic Effect of Nanotopography and Sustained Dual Release of Hydrophobic and Hydrophilic Neurotrophic Factors on Human Mesenchymal Stem Cell Neuronal Lineage Commitment. Teo BK, Tan GD, <u>Yim EK</u> . Tissue Eng Part A. 2014 Jun 16. [Epub ahead of print] (Not Tiered, IF 4.02) |
| 13 | A prospective randomized controlled trial to compare single-port endo-laparoscopic surgery versus conventional TEP inguinal hernia repair. Wijerathne S, Agarwal N, Ramzy A, <u>Lomanto D</u> . Surg Endosc. 2014 Jun 6. [Epub ahead of print] (Not Tiered, IF 4.013) |
| 14 | Epithelial and Mesenchymal Stem Cells from the Umbilical Cord Lining Membrane. Lim IJ, <u>Phan TT</u> . Cell Transplant. 2014 Mar 11. doi: 10.3727/096368914X678346. [Epub ahead of print] (Tier 2, IF 3.982) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| General Surgery - cont | |
|------------------------|--|
| Original Article | |
| 15 | Characterization of Insulin-Secreting Porcine Bone Marrow Stromal Cells Ex Vivo and Autologous Cell Therapy In Vivo. Van Thi Do H, Loke WT, Kee I, Liang V, David SJ, <u>Gan SU</u> , Lee SS, Ng WH, Koong HN, Ong HS, Lee KO, <u>Calne RY</u> , Kon OL. Cell Transplant. 2014 Mar 24. [Epub ahead of print] (Tier 2, IF 3.982) |
| 16 | An adaptable stage perfusion incubator for the controlled cultivation of C2C12 myoblasts. Kurth F, <u>Franco-Obregón A</u> , Bärtschi CA, Dittrich PS. Analyst. 2014 Dec 1;140(1):127-33. doi: 10.1039/c4an01758g. (Tier 2, IF 3.906) |
| 17 | Plasma biomarker discovery in pre-eclampsia using a novel differential isolation technology for circulating extracellular vesicles. Hian Tan K, Sim Tan S, Kwan Sze NS, Ryan Lee WK, Jack Ng M, <u>Kiang Lim S</u> . Am J Obstet Gynecol. 2014 Mar 18. pii: S0002-9378(14)00248-8. doi: 10.1016/j.ajog.2014.03.038. Epub 2014 Mar 18. (Tier 2, IF 3.821) |
| 18 | Extracellular vesicle markers in relation to obesity and metabolic complications in patients with manifest cardiovascular disease. Kranendonk ME, <u>de Kleijn DP</u> , Kalkhoven E, Kanhai DA, Uiterwaal CS, van der Graaf Y, Pasterkamp G, Visseren FL1; SMART Study Group. Cardiovasc Diabetol. 2014 Feb 5;13:37. doi: 10.1186/1475-2840-13-37. (Not Tiered, IF 3.774) |
| 19 | Regenerative therapies for equine degenerative joint disease: a preliminary study. Broeckx S, Zimmerman M, Crocetti S, Suls M, Mariën T, Ferguson SJ, Chiers K, Duchateau L, <u>Franco-Obregón A</u> , Wuertz K, Spaas JH. PLoS One. 2014 Jan 20;9(1):e85917. doi: 10.1371/journal.pone.0085917. eCollection 2014. (Not Tiered, IF 3.73) |
| 20 | miR-122 targets pyruvate kinase M2 and affects metabolism of hepatocellular carcinoma. Liu AM, Xu Z, Shek FH, Wong KF, Lee NP, Poon RT, Chen J, <u>Luk JM</u> . PLoS One. 2014 Jan 23;9(1):e86872. doi: 10.1371/journal.pone.0086872. eCollection 2014. (Not Tiered, IF 3.73) |
| 21 | Update of guidelines on laparoscopic (TAPP) and endoscopic (TEP) treatment of inguinal hernia (International Endohernia Society). Bittner R, ...Davide Lomanto,...Chowbey P et al. Surg Endosc. 2014 Nov 15. [Epub ahead of print] (Tier 3, IF 3.442) |
| 22 | Impedance flow cytometry gauges proliferative capacity by detecting TRPC1 expression. Crocetti S, Beyer C, Unternährer S, Benavides Damm T, Schade-Kampmann G, Hebeisen M, Di Berardino M, Fröhlich J, Franco-Obregón A. Cytometry A. 2014 Jun;85(6):525-36. doi: 10.1002/cyto.a.22461. Epub 2014 Mar 17. (Tier 3, IF 3.203) |
| 23 | Spectroscopic intravascular photoacoustic imaging of lipids in atherosclerosis. Jansen K, van der Steen AF, Wu M, van Beusekom HM, Springeling G, Li X, Zhou Q, Shung KK, <u>de Kleijn DP</u> , van Soest G. J Biomed Opt. 2014 Feb 1;19(2):026006. doi: 10.1117/1.JBO.19.2.026006. (Tier 2, IF 3.145) |
| 24 | Human Wharton's jelly stem cells and its conditioned medium enhance healing of excisional and diabetic wounds. Fong CY, Tam K, Cheyyatraivendran S, <u>Gan SU</u> , Gauthaman K, Armugam A, Jeyaseelan K, Choolani M, Biswas A, Bongso A. J Cell Biochem. 2014 Feb;115(2):290-302. doi: 10.1002/jcb.24661. (Tier 2, IF 3.062) |
| 25 | Effect of uneven red cell influx on formation of cell-free layer in small venules. Namgung B, <u>Kim S</u> . Microvasc Res. 2014 Mar;92:19-24. doi: 10.1016/j.mvr.2014.01.007. Epub 2014 Jan 26. (Tier 3, IF 2.859) |
| 26 | Changing Trends in Thyroid and Parathyroid Surgery over the Decade: Is Same-day Discharge Feasible in the United Kingdom? <u>Rajeev P</u> , Sutaria R, Ezzat T, Mihai R, Sadler GP. World J Surg. 2014 Jun 26. [Epub ahead of print] (Tier 3, IF 2.751) |
| 27 | Visfatin and its genetic variants are associated with obesity-related morbidities and cardiometabolic risk in severely obese children. Ooi SQ, Chan RM, Poh LK, Loke KY, Heng CK, Chan YH, <u>Gan SU</u> , Lee KO, Lee YS. Pediatr Obes. 2014 Apr;9(2):81-91. doi: 10.1111/j.2047-6310.2013.00149.x. Epub 2013 Feb 28. (Not Tiered, IF 2.452) |
| 28 | Two-dimensional transient model for prediction of arteriolar NO/O2 modulation by spatiotemporal variations in cell-free layer width. Ng YC, Namgung B, <u>Kim S</u> . Microvasc Res. 2014 Oct 10. pii: S0026-2862(14)00159-9. doi: 10.1016/j.mvr.2014.08.010. [Epub ahead of print] (Tier 3, IF 2.432) |
| 29 | Risk of Adrenocortical Carcinoma in Adrenal Tumours Greater than 8 cm. Abdel-Aziz TE, <u>Rajeev P</u> , Sadler G, Weaver A, Mihai R. World J Surg. 2014 Dec 20. [Epub ahead of print] (Tier 3, IF 2.348) |
| 30 | Deep Proteomic Profiling of Human Carotid Atherosclerotic Plaques Using Multidimensional LC-MS/MS. Hao P, Ren Y, Pasterkamp G, Moll FL, <u>de Kleijn DP</u> , Sze SK. Proteomics Clin Appl. 2014 May 14. doi: 10.1002/prca.201400007. [Epub ahead of print] (Not Tiered, IF 2.124) |
| 31 | Effect of erythrocyte aggregation at pathological levels on NO/O2 transport in small arterioles. Cho S, Namgung B, Kim HS, Leo HL, <u>Kim S</u> . Clin Hemorheol Microcirc. 2014 Apr 14. [Epub ahead of print] (Tier 4, IF 2.066) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| General Surgery - cont | |
|-------------------------|--|
| <u>Original Article</u> | |
| 32 | Influence of erythrocyte aggregation at pathological levels on cell-free marginal layer in a narrow circular tube. Nampung B, Sakai H, Kim S. Clin Hemorheol Microcirc. 2014 Oct 20. [Epub ahead of print] (Tier 4, IF 2.028) |
| 33 | Two-dimensional strain-hardening membrane model for large deformation behavior of multiple red blood cells in high shear conditions. Ye SS, Ng YC, Tan JK, Leo HL, Kim S. Theor Biol Med Model. 2014 May 13;11(1):19. [Epub ahead of print] (Not Tiered, IF 1.721) |
| 34 | Extracellular vesicle protein levels are related to brain atrophy and cerebral white matter lesions in patients with manifest vascular disease: the SMART-MR study. Kanhai DA, de Kleijn DP, Kappelle LJ, Uiterwaal CS, van der Graaf Y, Pasterkamp G, Geerlings MI, Visseren FL; SMART Study Group. BMJ Open. 2014 Jan 14;4(1):e003824. doi: 10.1136/bmjopen-2013-003824. (Not Tiered, IF 1.583) |
| 35 | Rapidly enlarging neck masses of the thyroid with Horner's syndrome: A concise clinical review. Donaldson JF, Rodriguez-Gomez IA, Parameswaran R. Surgeon. 2014 Jul 26. pii: S1479-666X(14)00092-4. doi: 10.1016/j.surge.2014.06.010. [Epub ahead of print] (Tier 4, IF 1.463) |
| 36 | Laparoscopic Ventral Hernia Repair: Defining the Learning Curve. Al-Harazi A, Goel R, Tan CT, Cheah WK, Lomanto D. Surg Laparosc Endosc Percutan Tech. 2014 Apr 16. [Epub ahead of print] (Not Tiered, IF 1.066) |
| 37 | Gene and stem cell therapy for diabetes. Calne RY, Ghoneim MA, Lee KO, Uin GS. Clin Transpl. 2013;111-2. (Not Tiered, IF 0) |
| 38 | Immunotherapeutic potential of extracellular vesicles. Zhang B, Yin Y, Lai RC, Lim SK. Front Immunol. 2014 Oct 22;5:518. doi: 10.3389/fimmu.2014.00518. eCollection 2014. (Not Tiered, IF 0) |
| 39 | Long term outcomes of renal hyperparathyroidism from Singapore with no access to renal transplant. K.Y. Lee, T.T. Goo, K.Y. Ngiam, W.B. Tan, R. Parameswaran. European Journal of Surgical Oncology. Oct 9, 2014, Volume 40, Supplement 1, Page S4. (Tier 3, IF 0) |
| <u>Letter to Editor</u> | |
| 1 | Reply to: 10.1007/s00464-013-3134-x: colonic architectural changes after the use of psychotropic drugs: looking at the egg while forgetting the hen? Ngiam KY, Tan EJ, Soh KC. Surg Endosc. 2014 Jan;28(1):348-9. doi: 10.1007/s00464-013-3181-3. Epub 2013 Sep 19. (Not Tiered, IF 4.013) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| Hepatobiliary & Pancreatic Surgery | |
|------------------------------------|--|
| Original Article | |
| 1 | Therapeutic advances: Single incision laparoscopic hepatopancreatobiliary surgery. Chang SK, Lee KY. World J Gastroenterol. 2014 Oct 21;20(39):14329-14337. (Not Tiered, IF 2.66) |
| 2 | A Randomized Controlled Trial Comparing Post-operative Pain in Single-Incision Laparoscopic Cholecystectomy Versus Conventional Laparoscopic Cholecystectomy. Chang SK, Wang YL, Shen L, Iyer SG, Madhavan K. World J Surg. 2014 Dec 2. [Epub ahead of print] (Tier 3, IF 2.348) |
| 3 | CT volumetry of the liver: Where does it stand in clinical practice? Lim MC, Tan CH, Cai J, Zheng J, Kow AW. Clin Radiol. 2014 May 10. pii: S0009-9260(14)00083-X. doi: 10.1016/j.crad.2013.12.021. [Epub ahead of print] (Tier 4, IF 1.829) |
| 4 | Changes in mechanical, structural integrity and microbiological properties following cryopreservation of human cadaveric iliac arteries. Chang SK, Lau JW, Chui CK. Ann Acad Med Singapore. 2014 Oct;43(10):492-8. (Not Tiered, IF 1.203) |
| 5 | Banking of cryopreserved iliac artery and vein homografts: clinical uses in transplantation. Heng WL, Madhavan K, Wee P, Seck T, Lim YP, Lim CH. Cell Tissue Bank. 2014 Aug 24. [Epub ahead of print] (Not Tiered, IF 1.171) |
| 6 | Single-incision laparoscopic hepatic resection in patients with previous hepatic resections: a mini case series. Kim G, Lau AC, Chang SK. Asian J Endosc Surg. 2014 Jan;7(1):63-6. doi: 10.1111/ases.12072. (Not Tiered, IF 0) |
| 7 | Expectations from imaging for pre-transplant evaluation of living donor liver transplantation. Hennedige T, Anil G, Madhavan K. World J Radiol. 2014 Sep 28;6(9):693-707. doi: 10.4329/wjr.v6.i9.693. (Not Tiered, IF 0) |
| 8 | Volume Preserved Mass-spring Model with Novel Constraints for Soft Tissue Deformation. Duan Y, Huang W, Chang H, Chen W, Zhou J, Teo SK, Su Y, Chui C, Chang S. IEEE J Biomed Health Inform. 2014 Nov 12. [Epub ahead of print] (Not Tiered, IF 0) |
| 9 | Longitudinal in-vivo volumetry study for porcine liver regeneration from CT data. Zhou J, Huang W, Chang SK, Xiong W, Oo T, Chen W. Conf Proc IEEE Eng Med Biol Soc. 2014;2014:4743-6. doi: 10.1109/EMBC.2014.6944684. (Not Tiered, IF 0) |
| Case Report | |
| 1 | Surgical Salvage of Partial Pancreatic Allograft Thrombosis Presenting as Ruptured Pancreatic Cyst: A Case Report. Lee VT, Tiong HY, Vathsala A, Madhavan K. Transplant Proc. 2014 Jul-Aug;46(6):2019-22. doi: 10.1016/j.transproceed.2014.05.082. (Not Tiered, IF 1.013) |
| Neurosurgery | |
| Original Article | |
| 1 | Effects of Polycaprolactone-based Scaffolds on the Blood-Brain Barrier and Cerebral Inflammation. Nga VD, Lim J, Choy DK, Lu J, Chou N, Yeo TT, Teoh SH. Tissue Eng Part A. 2014 Oct 22. [Epub ahead of print] (Not Tiered, IF 4.02) |
| 2 | Multi-parameter brain tissue microsensors and interface systems: Calibration, reliability and user experiences of pressure and temperature sensors in the setting of neurointensive care. Childs C, Wang L, Neoh BK, Goh HL, Zu MM, Aung PW, Yeo TT. J Med Eng Technol. 2014 Aug 8:1-12. [Epub ahead of print] (Not Tiered, IF 0) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| Plastic, Reconstructive & Aesthetic Surgery | |
|---|---|
| <u>Original Article</u> | |
| 1 | Ultrashort peptide nanofibrous hydrogels for the acceleration of healing of burn wounds. Loo Y, Wong YC, Cai EZ, Ang CH, Raju A, Lakshmanan A, Koh AG, Zhou HJ, Lim TC, Moochhala SM, Hauser CA. Biomaterials. 2014 Jun;35(17):4805-14. doi: 10.1016/j.biomaterials.2014.02.047. Epub 2014 Mar 15. (Tier 1, IF 8.496) |
| 2 | From Flab to Fab: Transforming Surgical Waste into an Effective Bioactive Coating Material. Luo B, Yuan S, Foo SE, Wong MT, Lim TC, Tan NS, Choong C. Adv Healthc Mater. 2014 Nov 26. doi: 10.1002/adhm.201400514. [Epub ahead of print] (Not Tiered, IF 4.880) |
| 3 | Cell-Microsphere Constructs Formed with Human Adipose-Derived Stem Cells and Gelatin Microspheres Promotes Stemness, Differentiation, and Controlled Pro-Angiogenic Potential. Kodali A, Lim TC, Leong DT, Tong YW. Macromol Biosci. 2014 Jul 1. doi: 10.1002/mabi.201400094. [Epub ahead of print] (Not Tiered, IF 3.835) |
| 4 | Computer-Aided Analysis of the "Beautiful" Umbilicus. Lee SJ, Garg S, Lee HP. Aesthet Surg J. 2014 May 28. pii: 1090820X14533565. [Epub ahead of print] (Not Tiered, IF 1.564) |
| 5 | Retained broken implants in the craniomaxillofacial skeleton. Nallathamby V, Lee H, Lin YY, Lim J, Ong WC, Lim TC. Craniomaxillofac Trauma Reconstr. 2014 Jun;7(2):154-7. doi: 10.1055/s-0034-1371551. Epub 2014 Mar 11. (Not Tiered, IF 0) |
| 6 | Creation of consistent burn wounds: a rat model. Cai EZ, Ang CH, Raju A, Tan KB, Hing EC, Loo Y, Wong YC, Lee H, Lim J, Moochhala SM, Hauser CA, Lim TC. Arch Plast Surg. 2014 Jul;41(4):317-24. doi: 10.5999/aps.2014.41.4.317. Epub 2014 Jul 15. (Not Tiered, IF 0) |
| 7 | Bio-conjugated polycaprolactone membranes: a novel wound dressing. Cai EZ, Teo EY, Jing L, Koh YP, Qian TS, Wen F, Lee JW, Hing EC, Yap YL, Lee H, Lee CN, Teoh SH, Lim J, Lim TC. Arch Plast Surg. 2014 Nov;41(6):638-46. doi: 10.5999/aps.2014.41.6.638. Epub 2014 Nov 3. (Not Tiered, IF 0) |
| <u>Case Report</u> | |
| 1 | Reconstructing a large helical rim defect: synergy of a postauricular perforator flap, diced cartilage, and otoplasty technique. Kang GC, Wu Y, Naidu S, Lee SJ. Ann Plast Surg. 2014 Jun;72(6):663-5. doi: 10.1097/SAP.0b013e31826cac47. (Tier 4, IF 1.542) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| Upper Gastrointestinal Surgery | |
|--------------------------------|---|
| Original Article | |
| 1 | Signatures of tumour immunity distinguish Asian and non-Asian gastric adenocarcinomas. Lin SJ, ... <u>So J</u> , ... Tan P... et al Gut. 2014 Nov 10. pii: gutjnl-2014-308252. doi: 10.1136/gutjnl-2014-308252. [Epub ahead of print] (Tier 1, IF 11.483) |
| 2 | CD44v8-10 Is a Cancer-Specific Marker for Gastric Cancer Stem Cells. Lau WM, Teng E, Chong HS, Lopez KA, Tay AY, Salto-Tellez M, <u>Shabbir A</u> , <u>So JB</u> , Chan SL. Cancer Res. 2014 Apr 14. [Epub ahead of print] (Tier 2, IF 8.65) |
| 3 | Longer Examination Time Improves Detection of Gastric Cancer During Diagnostic Upper Gastrointestinal Endoscopy. Teh JL, Tan JR, Lau L, Saxena N, Salim A, <u>Tay A</u> , <u>Shabbir A</u> , Chung S, <u>Hartman M</u> , <u>So JB</u> . Clin Gastroenterol Hepatol. 2014 Aug 9. pii: S1542-3565(14)01144-6. doi: 10.1016/j.cgh.2014.07.059. [Epub ahead of print] (Not Tiered, IF 6.108) |
| 4 | Therapeutic potential of highly cytotoxic natural killer cells for gastric cancer. <u>Mimura K</u> , Kamiya T, Shiraishi K, Kua LF, <u>Shabbir A</u> , <u>So J</u> , Yong WP, Suzuki Y, Yoshimoto Y, Nakano T, Fujii H, Campana D, <u>Kono K</u> . Int J Cancer. 2014 Sep 15;135(6):1390-8. doi: 10.1002/ijc.28780. Epub 2014 Feb 28. (Tier 2, IF 5.474) |
| 5 | Laparoscopic Heller's cardiomyotomy and Roux-En-Y gastric bypass for missed achalasia diagnosed after laparoscopic sleeve gastrectomy. <u>Oh HB</u> , <u>Tang SW</u> , <u>Shabbir A</u> . Surg Obes Relat Dis. 2014 Jan 29. pii: S1550-7289(14)00034-3. doi: 10.1016/j.soard.2014.01.023. [Epub ahead of print] (Not Tiered, IF 4.014) |
| 6 | Inhibition of MAPK pathway can induce up-regulation of HLA class I without PD-L1-up-regulation in contrast to IFN-γ treatment. <u>Mimura K</u> , Kua LF, Shiraishi K, Kee Siang L, <u>Shabbir A</u> , Komachi M, Suzuki Y, Nakano T, Yong WP, <u>So J</u> , <u>Kono K</u> . Cancer Sci. 2014 Oct;105(10):1236-44. doi: 10.1111/cas.12503. Epub 2014 Sep 29. (Not Tiered, IF 3.901) |
| 7 | Radiotherapy-induced anti-tumor immunity contributes to the therapeutic efficacy of irradiation and can be augmented by ctla-4 blockade in a mouse model. Yoshimoto Y, Suzuki Y, <u>Mimura K</u> , Ando K, Oike T, Sato H, Okonogi N, Maruyama T, Izawa S, Noda SE, Fujii H, <u>Kono K</u> , Nakano T. PLoS One. 2014 Mar 31;9(3):e92572. doi: 10.1371/journal.pone.0092572. eCollection 2014. (Not Tiered, IF 3.73) |
| 8 | CT volumetry for gastric carcinoma: association with TNM stage. Hallinan JT, Venkatesh SK, Peter L, Makmur A, Yong WP, <u>So JB</u> . Eur Radiol. 2014 Jul 21. [Epub ahead of print] (Tier 3, IF 3.557) |
| 9 | Roles of linear and circular polarization properties and effect of wavelength choice on differentiation between ex vivo normal and cancerous gastric samples. Wang W, Lim LG, Srivastava S, <u>Yan JS</u> , <u>Shabbir A</u> , Liu Q. J Biomed Opt. 2014 Apr 1;19(4):46020. doi: 10.1117/1.JBO.19.4.046020. (Tier 2, IF 3.145) |
| 10 | Implications of morbid obesity and surgery for the obese. <u>Loo LM</u> , <u>Shabbir A</u> , <u>So JB</u> . Ann Acad Med Singapore. 2014 Jun;43(6):328-30. (Not Tiered, IF 1.452) |
| 11 | Diagnosis and treatment of Helicobacter pylori for peptic ulcer bleeding in clinical practice - factors associated with non-diagnosis and non-treatment, and diagnostic yield in various settings. Lim LG, Ho KY, <u>So JB</u> , Khor CJ, Lim LL, Teoh PL, Yeoh KG. Turk J Gastroenterol. 2014 Dec;25(Suppl 1):S157-S161. doi: 10.5152/tjg.2014.3843. (Not Tiered, IF 0.643) |
| 12 | Identification of specific cell-surface markers of adipose-derived stem cells from subcutaneous and visceral fat depots. Ong WK, Tan CS, Chan KL, Goesantoso GG, Chan XH, Chan E, Yin J, Yeo CR, Khoo CM, <u>So JB</u> , <u>Shabbir A</u> , Toh SA, Han W, Sugii S. Stem Cell Reports. 2014 Feb 6;2(2):171-9. doi: 10.1016/j.stemcr.2014.01.002. eCollection 2014. (Not Tiered, IF 0) |
| 13 | Advancement and benefit of energy sealing in minimally invasive surgery. <u>Shabbir A</u> , Dargan D. Asian J Endosc Surg. 2014 May;7(2):95-101. doi: 10.1111/ases.12101. (Not Tiered, IF 0) |

DEPARTMENT OF SURGERY

Peer Reviewed Publications (Year 2014) - cont

| Urology | |
|------------------|---|
| Original Article | |
| 1 | Enzalutamide in metastatic prostate cancer before chemotherapy. Beer TM, ... <u>Chiong E</u> , ... et al N Engl J Med. 2014 Jul 31;371(5):424-33. doi: 10.1056/NEJMoa1405095. Epub 2014 Jun 1. (Tier 1, IF 50.807) |
| 2 | Molecular profiling reveals a tumor-promoting phenotype of monocytes and macrophages in human cancer progression. Chittezhath M, Dhillon MK, Lim JY, Laoui D, Shalova IN, Teo YL, Chen J, Kamaraj R, Raman L, Lum J, Thamboo TP, <u>Chiong E</u> , Zolezzi F, Yang H, Van Ginderachter JA, Poidinger M, Wong AS, Biswas SK. Immunity. 2014 Nov 20;41(5):815-29. doi: 10.1016/j.immuni.2014.09.014. Epub 2014 Oct 30. (Tier 1, IF 20.722) |
| 3 | Surface Modification of Silicone with Covalently Immobilized and Crosslinked Agarose for Potential Application in the Inhibition of Infection and Omental Wrapping. Min Li, Koon-Gee Neoh, En-Tang Kang, Titus Lau and <u>Edmund Chiong</u> . Adv. Funct. Mater., 24: 1631–1643. doi: 10.1002/adfm.201302242 (Tier 1, IF 11.21) |
| 4 | Drug-Induced Nephrotoxicity: Clinical Impact and Preclinical in Vitro Models. <u>Tiong HY</u> , Huang P, Xiong S, Li Y, Vathsala A, Zink D. Mol Pharm. 2014 Mar 3. [Epub ahead of print] (Not Tiered, IF 5.841) |
| 5 | Metabonomic profiling of bladder cancer. Chan EC, Pasikanti KK, Hong Y, Ho PC, <u>Mahendran R</u> , <u>Raman Nee Mani L</u> , <u>Chiong E</u> , <u>Esuvaranathan K</u> . J Proteome Res. 2014 Nov 12. [Epub ahead of print] (Tier 1, IF 5.001) |
| 6 | Functionalized Mesoporous Silica Nanoparticles with Mucoadhesive and Sustained Drug Release Properties for Potential Bladder Cancer Therapy. Zhang Q, Neoh KG, Xu L, Lu S, Kang ET, <u>Mahendran R</u> , <u>Chiong E</u> . Langmuir. 2014 May 21. [Epub ahead of print] (Tier 1, IF 4.416) |
| 7 | High RENAL Nephrometry Scores (RNS) are associated with pathological upstaging of clinical T1 renal cell carcinomas (RCC) in radical nephrectomy (RN) specimens. Tay MH, Thamboo TP, <u>Wu FM</u> , Bee Choo T, Zhaojin C, <u>Raman L</u> , <u>Tiong HY</u> . J Endourol. 2014 May 8. [Epub ahead of print] (Tier 4, IF 3.145) |
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