

# DEPARTMENT OF SURGERY

## Peer Reviewed Publications (Year 2013)

Breast & Trauma Surgery	
<u>Original Article</u>	
1	<b>Large-scale genotyping identifies 41 new loci associated with breast cancer risk</b> Michailidou K, Hall P, Gonzalez-Neira A,..... <u>Hartman M</u> , Miao H, Lim WY, <u>Sng JH</u> ,.....et al Nat Genet. 2013 Apr;45(4):353-61. doi: 10.1038/ng.2563. (Tier 1, IF 35.532)
2	<b>Multiple independent variants at the TERT locus are associated with telomere length and risks of breast and ovarian cancer.</b> Bojesen SE, Pooley KA, Johnatty SE, ..... <u>Hartman M</u> ,..... <u>lau PT</u> ,.....et al Nat Genet. 2013 Apr;45(4):371-84. doi: 10.1038/ng.2566. (Tier 1, IF 35.532)
3	<b>Genome-wide association studies identify four ER negative-specific breast cancer risk loci.</b> Garcia-Closas M, Couch FJ, Lindstrom S,..... <u>Hartman M</u> ,..... <u>Chan CW</u> ,.....et al Nat Genet. 2013 Apr;45(4):392-8. doi: 10.1038/ng.2561. (Tier 1, IF 35.532)
4	<b>Functional Variants at the 11q13 Risk Locus for Breast Cancer Regulate Cyclin D1 Expression through Long-Range Enhancers</b> French JD, Ghossaini M, Edwards SL, Meyer KB,..... <u>Hartman M</u> , Miao H, <u>Sng JH</u> , .....et al 2013 Apr 4;92(4):489-503. doi: 10.1016/j.ajhg.2013.01.002. Epub 2013 Mar 27. (Tier 1, IF 10.603)
5	<b>Fine-Scale Mapping of the FGFR2 Breast Cancer Risk Locus: Putative Functional Variants Differentially Bind FOXA1 and E2F1.</b> Meyer KB, O'Reilly M,..... <u>Hartman M</u> , ..... <u>Buhari SA</u> , .....et al Am J Hum Genet. 2013 Dec 5;93(6):1046-60. doi: 10.1016/j.ajhg.2013.10.026. Epub 2013 Nov 27. (Tier 1, IF 10.603)
6	<b>Common genetic determinants of breast-cancer risk in East Asian women: a collaborative study of 23 637 breast cancer cases and 25 579 controls</b> Zheng W, Zhang B, Cai Q, ..... <u>Hartman M</u> ,.....et al Hum Mol Genet. 2013 Jun 15;22(12):2539-50. doi: 10.1093/hmg/ddt089. Epub 2013 Mar 27. (Tier 1, IF 7.636)
7	<b>Large-scale genotyping identifies a new locus at 22q13.2 associated with female breast size.</b> Li J, Foo JN, Schoof N, Varghese JS, Fernandez-Navarro P, Gierach GL, Quek ST, <u>Hartman M</u> , Nord S, Kristensen VN, Pollán M, Figueroa JD, Thompson DJ, Li Y, Khor CC, Humphreys K, Liu J, Czene K, Hall P. J Med Genet. 2013 Oct;50(10):666-73. doi: 10.1136/jmedgenet-2013-101708. Epub 2013 Jul 3. (Tier 1, IF 6.365)
8	<b>One-step nucleic acid amplification assay also predicts axillary lymph node status in breast cancer patients: Further molecular diagnostic evidence.</b> Wang T, <u>Buhari SA</u> , Pang B, Putti TC, Salto-Tellez M. Eur J Cancer. 2013 Dec;49(18):3945-6. doi: 10.1016/j.ejca.2013.09.003. Epub 2013 Oct 9. (Tier 2, IF 5.536)
9	<b>Change of mammographic density predicts the risk of contralateral breast cancer - a case-control study.</b> Sandberg ME, Li J, Hall P, <u>Hartman M</u> , Dos-Santos-Silva I, Humphreys K, Czene K. Breast Cancer Res. 2013 Jul 22;15(4):R57. [Epub ahead of print] (Tier 2, IF 5.245)
10	<b>Birth rates among female cancer survivors: A population-based cohort study in Sweden.</b> <u>Hartman M</u> , Liu J, Czene K, Miao H, Chia KS, Salim A, Verkooyen HM. Cancer. 2013 May 15;119(10):1892-9. doi: 10.1002/cncr.27929. Epub 2013 Feb 21. (Tier 2, IF 5.131)
11	<b>Quantifying the natural history of breast cancer.</b> Tan KH, Simonella L, Wee HL, Roellin A, Lim YW, Lim WY, Chia KS, <u>Hartman M</u> , Cook AR. Br J Cancer. 2013 Oct 15;109(8):2035-43. doi: 10.1038/bjc.2013.471. Epub 2013 Oct 1. (Tier 2, IF 5.042)
12	<b>Prevalence of PALB2 mutations in breast cancer patients in multi-ethnic Asian population in Malaysia and Singapore.</b> Phuah SY, Lee SY, Kang P, Kang IN, Yoon SY, Thong MK, <u>Hartman M</u> , <u>Sng JH</u> , Yip CH, Taib NA, Teo SH. PLoS One. 2013 Aug 20;8(8):e73638. doi: 10.1371/journal.pone.0073638. (Not Tiered, IF 4.092)

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## Peer Reviewed Publications (Year 2013)

Cardiac, Thoracic & Vascular Surgery	
Original Article	
1	<b>IRF4 transcription factor-dependent CD11b+ dendritic cells in human and mouse control mucosal IL-17 cytokine responses.</b> Schlitzer A, McGovern N, Teo P, Zelante T, Atarashi K, Low D, Ho AW, See P, Shin A, Wasan PS, Hoeffel G, Malleret B, Heiseke A, Chew S, Jardine L, Purvis HA, Hilkens CM, <a href="#">Tam J</a> , Poidinger M, Stanley ER, Krug AB, Renia L, Sivasankar B, Ng LG, Collin M, Ricciardi-Castagnoli P, Honda K, Haniffa M, Ginhoux F. Immunity. 2013 May 23;38(5):970-83. doi: 10.1016/j.immuni.2013.04.011. (Tier 1, IF 21.637)
2	<b>Vascular Progenitors from Cord Blood-Derived iPSC Possess Augmented Capacity for Regenerating Ischemic Retinal Vasculature.</b> Park TS, Bhutto I, Zimmerlin L, Huo JS, Nagaria P, Miller D, <a href="#">Rufaihah AJ</a> , Talbot C, Aguilar J, Grebe R, Merges C, Reijo-Pera R, Feldman RA, Rassool F, Cooke J, Luty G, Zambidis ET. Circulation. 2013 Oct 25. [Epub ahead of print] (Tier 1, IF 14.739)
3	<b>Does cooling really improve outcomes in patients with septic shock?</b> Shime N, Hosokawa K, <a href="#">Maclaren G</a> . Am J Respir Crit Care Med. 2013 Jun 1;187(11):1274-5. doi: 10.1164/rccm.201209-1629LE. (Tier 1, IF 11.08)
4	<b>Enhanced infarct stabilization and neovascularization mediated by VEGF-loaded PEGylated fibrinogen hydrogel in a rodent myocardial infarction model.</b> <a href="#">Rufaihah AJ</a> , <a href="#">Vaibavi SR</a> , Plotkin M, Shen J, Nithya V, Wang J, Seliktar D, <a href="#">Kofidis T</a> . Biomaterials. 2013 Nov;34(33):8195-202. doi: 10.1016/j.biomaterials.2013.07.031. Epub 2013 Jul 24. (Tier 1, IF 7.404)
5	<b>The effect of matrix stiffness of injectable hydrogels on the preservation of cardiac function after a heart attack.</b> Plotkin M, Vaibavi SR, <a href="#">Rufaihah AJ</a> , Nithya V, Wang J, Shachaf Y, Kofidis T, Seliktar D. Biomaterials. 2013 Nov 20. pii: S0142-9612(13)01302-1. doi: 10.1016/j.biomaterials.2013.10.058. [Epub ahead of print] (Tier 1, IF 7.404)
6	<b>Microvesicle protein levels are associated with increased risk for future vascular events and mortality in patients with clinically manifest vascular disease.</b> Kanhai DA, Visseren FL, van der Graaf Y, Schoneveld AH, Catanzariti LM, Timmers L, Kappelle LJ, Uiterwaal CS, <a href="#">Lim SK</a> , Sze SK, Pasterkamp G, <a href="#">de Kleijn DP</a> ; on behalf of the SMART Study Group. Int J Cardiol. 2013 Feb 25. pii: S0167-5273(13)00291-X. doi: 10.1016/j.ijcard.2013.01.231. [Epub ahead of print] (Tier 3, IF 6.802)
7	<b>Hemolysis in Pediatric Patients Receiving Centrifugal-Pump Extracorporeal Membrane Oxygenation: Prevalence, Risk Factors, and Outcomes.</b> Lou S, <a href="#">Maclaren G</a> , Best D, Delzoppo C, Butt W. Crit Care Med. 2013 Dec 17. [Epub ahead of print] (Tier 2, IF 6.33)
8	<b>Laminin drives survival signals to promote a contractile smooth muscle phenotype and airway hyperreactivity.</b> Tran T, Teoh CM, <a href="#">Tam JK</a> , Qiao Y, Chin CY, Chong OK, Stewart AG, Harris T, Wong WS, Guan SP, Leung BP, Gerthoffer WT, Unruh H, Halayko AJ. FASEB J. 2013 Oct;27(10):3991-4003. doi: 10.1096/fj.12-221341. Epub 2013 Jun 11. (Tier 1, IF 5.712)
9	<b>Music and medicine.</b> <a href="#">Maclaren G</a> . Intensive Care Med. 2013 Dec 7. [Epub ahead of print] (Tier 2, IF 5.399)
10	<b>Anti-Malarial Drug Artesunate Inhibits Primary Human Cultured Airway Smooth Muscle Cell Proliferation</b> Tan SS, Ong B, Cheng C, Ho WE, <a href="#">Tam JK</a> , Stewart AG, Harris T, Wong WS, Tran T. Am J Respir Cell Mol Biol. 2013 Sep 25. [Epub ahead of print] (Tier 2, IF 5.125)
11	<b>Efficient derivation of lateral plate and paraxial mesoderm subtypes from human embryonic stem cells through GSKI-mediated differentiation.</b> Tan JY, Sriram G, <a href="#">Rufaihah AJ</a> , Neoh KG, Cao T. Stem Cells Dev. 2013 Feb 15. [Epub ahead of print] (Tier 3, IF 4.791)
12	<b>Grafts Enriched with Subamniotic-Cord-lining Mesenchymal Stem Cell Angiogenic Spheroids Induce Post-Ischemic Myocardial Revascularization and Preserve Cardiac Function in Failing Rat Hearts.</b> <a href="#">Martinez EC</a> , <a href="#">Vu DT</a> , <a href="#">Wang J</a> , Liliyanna S, Ling LH, <a href="#">Gan SU</a> , Tan AL, <a href="#">Phan TT</a> , <a href="#">Lee CN</a> , <a href="#">Kofidis T</a> . Stem Cells Dev. 2013 Dec 1;22(23):3087-99. doi: 10.1089/scd.2013.0119. Epub 2013 Aug 31. (Tier 3, IF 4.459)
13	<b>Cord Lining-Mesenchymal Stem Cells Graft Supplemented with an Omental Flap Induces Myocardial Revascularization and Ameliorates Cardiac Dysfunction in a Rat Model of Chronic Ischemic Heart Failure.</b> Liliyanna S, <a href="#">Martinez EC</a> , <a href="#">Vu TD</a> , Ling LH, <a href="#">Gan SU</a> , Tan AL, <a href="#">Phan TT</a> , <a href="#">Kofidis T</a> . Tissue Eng Part A. 2013 Feb 28. [Epub ahead of print] (Not Tiered, IF 4.02)
14	<b>Total Muscle-Sparing Uniportal Video-Assisted Thoracoscopic Surgery Lobectomy.</b> <a href="#">Tam JK</a> , Lim KS. Ann Thorac Surg. 2013 Sep 12. pii: S0003-4975(13)01534-8. doi: 10.1016/j.athoracsur.2013.07.002. [Epub ahead of print] (Tier 3, IF 3.741)

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## Peer Reviewed Publications (Year 2013) - cont

Cardiac, Thoracic & Vascular Surgery - cont	
Original Article	
15	<b>Resolution of ascending aortic dissection in a Stanford type A patient.</b> Kong CH, Lin XY, Caleb MG, Sorokin VA. Ann Thorac Surg. 2013 Sep;96(3):1066-7. doi: 10.1016/j.athoracsur.2012.12.053. (Tier 3, IF 3.741)
16	<b>Mesenchymal stem cell-derived exosomes increase ATP levels, decrease oxidative stress and activate PI3K/Akt pathway to enhance myocardial viability and prevent adverse remodeling after myocardial ischemia/reperfusion injury.</b> Arslan F, Lai RC, Smeets MB, Akeroyd L, Choo A, Aguor EN, Timmers L, van Rijen HV, Doevendans PA, Pasterkamp G, Lim SK, de Kleijn DP. Stem Cell Res. 2013 May;10(3):301-12. doi: 10.1016/j.scr.2013.01.002. Epub 2013 Jan 14. (Not Tiered, IF 3.388)
17	<b>Post-ischaemic angiogenic therapy using in vivo prevascularized ascorbic acid-enriched myocardial artificial grafts improves heart function in a rat model.</b> Martinez EC, Wang J, Lilyanna S, Ling LH, Gan SU, Singh R, Lee CN, Kofidis T. J Tissue Eng Regen Med. 2013 Mar;7(3):203-12. doi: 10.1002/term.512. Epub 2011 Oct 28. (Not Tiered, IF 3.278)
18	<b>Joint statement on mechanical circulatory support in children: a consensus review from the pediatric cardiac intensive care society and extracorporeal life support organization.</b> Maclaren G, Dodge-Khatami A, Dalton HJ; Writing Committee. Pediatr Crit Care Med. 2013 Jun;14(5 Suppl 1):S1-2. doi: 10.1097/PCC.0b013e318292dc09. (Not Tiered, IF 3.129)
19	<b>Recurrent or prolonged mechanical circulatory support: bridge to recovery or road to nowhere?</b> d'Udekem Y, Shime N, Lou S, Maclaren G. Pediatr Crit Care Med. 2013 Jun;14(5 Suppl 1):S69-72. doi: 10.1097/PCC.0b013e318292e332. (Not Tiered, IF 3.129)
20	<b>Pediatric mechanical circulatory support: future directions.</b> Dalton HJ, Dodge-Khatami A, Maclaren G. Pediatr Crit Care Med. 2013 Jun;14(5 Suppl 1):S94-5. doi: 10.1097/PCC.0b013e318292e562. (Not Tiered, IF 3.129)
21	<b>Long-term outcomes after extracorporeal life support: what happens to the survivors?*</b> Maclaren G. Pediatr Crit Care Med. 2013 Jul;14(6):646-7. doi: 10.1097/PCC.0b013e3182918142. (Not Tiered, IF 3.129)
22	<b>Optimizing fluid management in children on extracorporeal life support*.</b> Maclaren G. Pediatr Crit Care Med. 2013 Nov;14(9):906-7. doi: 10.1097/PCC.0b013e3182a1263f. (Not Tiered, IF 3.129)
23	<b>ECMO in acute and chronic adult respiratory failure: recent trends and future directions.</b> Maclaren G, Brain MJ, Butt WW. Minerva Anesthesiol. 2013 Sep;79(9):1059-65. Epub 2013 Jun 10. (Not Tiered, IF 2.656)
24	<b>Initial experience with video-assisted thoracoscopic bronchoplasty</b> Agasthian T. Eur J Cardiothorac Surg. 2013 May 14. [Epub ahead of print] (Not Tiered, IF 2.55)
25	<b>A Novel Carotid Covered Stent Design: In Vitro Evaluation of Performance and Influence on the Blood Flow Regime at the Carotid Artery Bifurcation.</b> Kabinejadian F, Cui F, Zhang Z, Ho P, Leo HL. Ann Biomed Eng. 2013 Sep;41(9):1990-2002. doi: 10.1007/s10439-013-0863-x. Epub 2013 Jul 11. (Tier 2, IF 2.368)
26	<b>Design and Finite Element Based Fatigue Prediction of a Novel Percutaneous Mitral Valve Stent.</b> Gideon Praveen Kumar, Fangsen Cui, Asawinee Danpinid, Boyang Su, Jimmy Kim Fatt Hon, Hwa Liang Leo Computer-Aided Design, Volume 45 Issue 10, October, 2013. Pages 1153-1158. (Tier 1, IF 1.732)
27	<b>Perioperative Applications of Deformation (Myocardial Strain) Imaging with Speckle-Tracking Echocardiography.</b> Chong A, Maclaren G, Chen R, Connelly KA. J Cardiothorac Vasc Anesth. 2013 Nov 11. pii: S1053-0770(13)00257-7. doi: 10.1053/j.jvca.2013.04.020. [Epub ahead of print] (Tier 2, IF 1.64)
28	<b>Plasma extracellular vesicle protein content for diagnosis and prognosis of global cardiovascular disease.</b> Wang JW, Gijsberts CM, Seneviratna A, de Hoog VC, Vrijenhoek JE, Schoneveld AH, Chan MY, Lam CS, Richards AM, Lee CN, Mosterd A, Sze SK, Timmers L, Lim SK, Pasterkamp G, de Kleijn DP. Neth Heart J. 2013 Oct;21(10):467-71. doi: 10.1007/s12471-013-0462-3. (Not Tiered, IF 1.438)

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## Peer Reviewed Publications (Year 2013) - cont

Cardiac, Thoracic & Vascular Surgery - cont	
Original Article	
29	<b>Intramural haematoma and dissection following idiopathic VT ablation.</b> Seow SC, Yeo WT, <u>Aye WM</u> . J Interv Card Electrophysiol. 2013 Sep;37(3):305. doi: 10.1007/s10840-013-9785-7. Epub 2013 Apr 14. (Not Tiered, IF 1.166)
30	<b>Limb Salvage in Patients With Peripheral Arterial Disease Managed by Endovascular First Approach.</b> May KK, <u>Robless PA</u> , Sidhu HR, Chua BS, <u>Ho P</u> . Vasc Endovascular Surg. 2013 Nov 20. [Epub ahead of print] (Not Tiered, IF 0.987)
31	<b>Influence of Prosthesis Type on Long-Term Survival after Re-replacement of Aortic Valve Prosthesis.</b> Akhyari P, Lichtenberg A, Hartmann A, Ismail I, Hiroyuki K, Minol JP, <u>Kofidis T</u> , Klima U, Karck M, Haverich A. Heart Surg Forum. 2013 Dec 1;16(6):E298-302. doi: 10.1532/HSF98.20111167. (Not Tiered, IF 0.416)
32	<b>Human induced pluripotent stem cell-derived endothelial cells exhibit functional heterogeneity.</b> <u>Rufaihah AJ</u> , Huang NF, Kim J, Herold J, Volz KS, Park TS, Lee JC, Zambidis ET, Reijo-Pera R, Cooke JP. Am J Transl Res. 2013;5(1):21-35. Epub 2013 Jan 21. (Not Tiered, IF 0)
33	<b>Reliability of Ultrasound Duplex for Detection of Hemodynamically Significant Stenosis in Hemodialysis Access</b> Ashvin Vardza Raju, <u>Kvin Kvin May</u> , <u>Min Htet Zaw</u> , Carolina Capistrano Canlas, Mary Hannah Seah, Catherine Menil Serrano, <u>Mikael Hartman</u> , <u>Pei Ho</u> Annals of Vascular Diseases, 2013;6(1):57-61. doi: 10.3400/avd.oa.12.00056. Epub 2013 Feb 15.. (Not Tiered, IF 0)
34	<b>Anatomical characteristics of the thoracic aortic arch in an Asian population.</b> Peixuan Chiu, Heow Pueh Lee, Sudhakar K Venkatesh and <u>Pei Ho</u> . Asian Cardiovascular and Thoracic Annals. 2013, 21:151. DOI: 10.1177/0218492312449637. (Not Tiered, IF 0)
35	<b>Giant bronchial artery aneurysm presenting as a right hilar mass.</b> Tan AK, <u>Thirugnanam A</u> . Asian Cardiovasc Thorac Ann. 2013 Apr;21(2):227-30. doi: 10.1177/0218492312450165. (Not Tiered, IF 0)
36	<b>Serum extracellular vesicle protein levels are associated with acute coronary syndrome.</b> de Hoog VC, Timmers L, Schoneveld AH, <u>Wang JW</u> , van de Weg SM, Sze SK, van Keulen JK, Hoes AW, den Ruijter HM, <u>de Kleijn DP</u> , Mosterd A. Eur Heart J Acute Cardiovasc Care. 2013 Mar;2(1):53-60. doi: 10.1177/2048872612471212. (Not Tiered, IF 0)
37	<b>Therapeutic potential of genes in cardiac repair.</b> <u>Pal SN</u> , <u>Kofidis T</u> . Expert Rev Cardiovasc Ther. 2013 Aug;11(8):1015-28. doi: 10.1586/14779072.2013.814867. Epub 2013 Aug 14. (Not Tiered, IF 0)
38	<b>Delayed presentation of ACE inhibitor-induced angio-oedema.</b> Amey G, Waidyasekara P, <u>Kollengode R</u> . BMJ Case Rep. 2013 Jul 29;2013. pii: bcr2013010453. doi: 10.1136/bcr-2013-010453. (Not Tiered, IF 0)
39	<b>Massive pulmonary tuberculosis cavity misdiagnosed as pneumothorax.</b> <u>John Kit-Chung Tam</u> & Kee-Siang Lim Respirology Case Reports Volume 1, Issue 2, pages 23–25, December 2013. (Not Tiered, IF 0)
40	<b>Efficiency of Exosome Production Correlates Inversely with the Developmental Maturity of MSC Donor.</b> Tian Sheng Chen, Ronne Wee Yeh Yeo, Fatih Arslan, Yijun Yin, Soon Sim Tan, Ruenn Chai Lai, Andre Choo, Jayanthi Padmanabhan, <u>Chuen Neng Lee</u> , <u>Dominique PV de Kleijn</u> , Kok Hian Tan, <u>Sai Kiang Lim</u> . J Stem Cell Res Ther 3:145. doi: 10.4172/2157-7633.1000145. (Not Tiered, IF 0)
41	<b>Extracorporeal membrane oxygenation.</b> Warwick Butt and <u>Graeme MacLaren</u> F1000Prime Rep2013, 5:55 (doi: 10.12703/P5-55) (Not Tiered, IF 0)
42	<b>Transcatheter aortic valve implantation: implications for Asian patients.</b> Edgar LW Tay, James Wei-Luen Yip, <u>Kristine LK Teoh</u> , Sophia Ang, Kian Keong Poh, Lynette LS Teo, Tiong Cheng Yeo, <u>Chuen Neng Lee</u> , Huay Cheem Tan and <u>Jimmy KF Hon</u> . Asian Cardiovasc Thorac Ann. 2013 Aug;21(4):396-401. doi: 10.1177/0218492312454123. Epub 2013 Jul 1. (Not Tiered, IF 0)
43	<b>Chemotaxis of human induced pluripotent stem cell-derived endothelial cells.</b> Huang NF, Dewi RE, Okogbaa J, Lee JC, <u>Jalilrufaihah A</u> , Heilshorn SC, Cooke JP. Am J Transl Res. 2013 Aug 15;5(5):510-20. (Not Tiered, IF 0)

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## Peer Reviewed Publications (Year 2013) - cont

<b>Cardiac, Thoracic &amp; Vascular Surgery - cont</b>	
<b><u>Case Report</u></b>	
1	<b>Video-assisted thoracic surgery repair of subclavian artery injury following central venous catheterization: a new approach.</b> Tam JK, <a href="#">Atasha A</a> , <a href="#">Tan AK</a> . Interact Cardiovasc Thorac Surg. 2013 Mar 21. [Epub ahead of print] (Not Tiered, IF 0)
2	<b>Single Incision Minimally Invasive Cardiac Surgery (SIMICS).</b> <a href="#">Theodoros Kofidis</a> , <a href="#">Duc Thang Vu</a> , Lian-Kah Ti, Edgar Tay, <a href="#">Chuen Neng Lee</a> . <a href="http://www.ctsnet.org/article/single-incision-minimally-invasive-cardiac-surgery-simics">http://www.ctsnet.org/article/single-incision-minimally-invasive-cardiac-surgery-simics</a> . (Not Tiered, IF 0)
<b><u>Editorial</u></b>	
1	<b>A Fresh Perfection.</b> <a href="#">MacLaren G</a> . Intensive Care Med. 2013 Aug;39(8):1475-6. doi: 10.1007/s00134-013-2972-2. Epub 2013 Jun 8. (Tier 2, IF 5.399)
2	<b>Looking beyond survival rates: neurological outcomes after extracorporeal life support.</b> Brown KL, <a href="#">MacLaren G</a> , Marino BS Intensive Care Med. 2013 Oct;39(10):1870-2. doi: 10.1007/s00134-013-3050-5. Epub 2013 Aug 14. (Tier 2, IF 5.399)
3	<b>How Minimal is ... Minimal?</b> <a href="#">Kofidis T</a> . Hellenic J Cardiol. 2013 Mar-Apr;54(2):81-3. (Not Tiered, IF 1.227)
<b><u>Letter to Editor</u></b>	
1	<b>Supplemental parenteral nutrition in critically ill patients.</b> Shime N, <a href="#">MacLaren G</a> . Lancet. 2013 May 18;381(9879):1715-6. doi: 10.1016/S0140-6736(13)61069-7. (Tier 1. IF 38.278)
2	<b>Endovascular therapy in extracorporeal membrane oxygenation survivors: sailing out into open water.</b> <a href="#">MacLaren G</a> . Pediatr Crit Care Med. 2013 Jan;14(1):103-4. doi: 10.1097/PCC.0b013e31825b826b. (Not Tiered, IF 3.129)
<b><u>Book Chapter</u></b>	
1	<b>Pericardial Procedures</b> <a href="#">Atasha Asmat</a> and Nabil P Rizk Mastery of Cardiothoracic Surgery. 3rd Edition. Larry Kaiser MD (Author), Irving L. Kron MD (Author), Thomas L. Spray MD (Author) 24 Dec 2013 (Not Tiered, IF 0)

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## Peer Reviewed Publications (Year 2013) - cont

Colorectal	
Original Article	
1	<b>Colonic architectural change on colonoscopy in patients taking psychotropic medications.</b> Tan EJ, Soh KC, <u>Ngiam KY</u> . Surg Endosc. 2013 May;27(5):1601-6. doi: 10.1007/s00464-012-2636-2. Epub 2012 Oct 18. (Not Tiered, IF 4.013)
2	<b>Pelvic exenteration for recurrent squamous cell carcinoma of the pelvic organs arising from the cloaca - a single institution's experience over 16 years.</b> <u>Tan KK</u> , Pal S, Lee PJ, Rodwell L, Solomon MJ. Colorectal Dis. 2013 Oct;15(10):1227-31. doi: 10.1111/codi.12306. (Not Tiered, IF 2.58)
3	<b>Long-term outcome of the anal fistula plug for anal fistula of cryptoglandular origin.</b> <u>Tan KK</u> , Kaur G, Byrne CM, Young CJ, Wright C, Solomon MJ. Colorectal Dis. 2013 Dec;15(12):1510-4. doi: 10.1111/codi.12391. (Not Tiered, IF 2.58)
4	<b>Patient and clinician preferences for surgical &amp; medical treatment options in ulcerative colitis.</b> Byrne CM, <u>Tan KK</u> , Young JM, Selby W, Solomon MJ. Colorectal Dis. 2013 Dec 21. doi: 10.1111/codi.12538. [Epub ahead of print]. (Not Tiered, IF 2.58)
5	<b>Factors predictive for a positive invasive mesenteric angiogram following a positive CT angiogram in patients with acute lower gastrointestinal haemorrhage.</b> <u>Tan KK</u> , Shore T, Strong DH, Ahmad MR, Waugh RC, Young CJ. Int J Colorectal Dis. 2013 Dec;28(12):1715-9. doi: 10.1007/s00384-013-1742-5. Epub 2013 Jul 9. (Not Tiered, IF 2.385)
6	<b>Early experience of reinforcing the ligation of the intersphincteric fistula tract procedure with a bioprosthetic graft (BioLIFT) for anal fistula.</b> <u>Tan KK</u> , Lee PJ. ANZ J Surg. 2013 Jun 25. doi: 10.1111/ans.12242. [Epub ahead of print] (Tier 4, IF 1.098)
7	<b>Colonic diverticulitis in young Asians: a predominantly mild and right-sided disease.</b> <u>Tan KK</u> , Wong J, Yan Z, Chong CS, Liu JZ, Sim R. ANZ J Surg. 2013 Jun 25. doi: 10.1111/ans.12273. [Epub ahead of print] (Tier 4, IF 1.098)
8	<b>Laparoscopic versus an open colectomy in an emergency setting: a case-controlled study.</b> Koh FH, <u>Tan KK</u> , <u>Tsang CB</u> , Koh DC. Ann Coloproctol. 2013 Feb;29(1):12-6. doi: 10.3393/ac.2013.29.1.12. Epub 2013 Feb 28. (Not Tiered, IF 0)
9	<b>Managing Deep Postanal Space Sepsis via an Intersphincteric Approach: Our Early Experience.</b> <u>Tan KK</u> , Koh DC, <u>Tsang CB</u> . Ann Coloproctol. 2013 Apr;29(2):55-9. doi: 10.3393/ac.2013.29.2.55. Epub 2013 Apr 30. (Not Tiered, IF 0)
10	<b>Outcomes Following Surgery for Distal Rectal Cancers: A Comparison between Laparoscopic and Open Abdomino-Perineal Resection.</b> <u>Tan KK</u> , Chong CS, <u>Tsang CB</u> , Koh DC. Med J Malaysia. 2013 Aug;68(4):348-52. (Not Tiered, IF 0)
11	<b>The Safety and Efficacy of Mesenteric Embolization in the Management of Acute Lower Gastrointestinal Hemorrhage.</b> <u>Tan KK</u> , Strong DH, Shore T, Ahmad MR, Waugh R, Young CJ. Ann Coloproctol. 2013 Oct;29(5):205-208. Epub 2013 Oct 31. (Not Tiered, IF 0)
Case Report	
1	<b>Laparoscopic resection of a huge gangrenous Meckel's diverticulum in an adult.</b> Ong MW, <u>Tan KK</u> , Sim R Singapore Med J. 2013 Apr;54(4):e83-4. (Not Tiered, IF: 0.729)
2	<b>Metastatic Small Bowel Tumours Causing Intestinal Obstruction: A Report of Two Cases</b> Yang-Yang Lee, <u>Ker-Kan Tan</u> , <u>Koh Chi-Siong Dean</u> International Journal of Case Reports in Medicine http://www.ibimapublishing.com/journals/IJCRM/ijcrm.html Vol. 2013 (2013), Article ID 234667, 6 pages. DOI: 10.5171/2013.234667. (Not Tiered, IF 0)

# DEPARTMENT OF SURGERY

## Peer Reviewed Publications (Year 2013) - cont

General Surgery	
Original Article	
1	<b>Oncofetal gene SALL4 in aggressive hepatocellular carcinoma.</b> Yong KJ, Gao C, Lim JS, Yan B, Yang H, Dimitrov T, Kawasaki A, Ong CW, Wong KF, Lee S, Ravikumar S, Srivastava S, Tian X, Poon RT, Fan ST, Luk JM, Dan YY, Salto-Tellez M, Chai L, Tenen DG. N Engl J Med. 2013 Jun 13;368(24):2266-76. doi: 10.1056/NEJMoa1300297. (Tier 1, IF 53.298)
2	<b>Whole-genome sequencing identifies recurrent mutations in hepatocellular carcinoma.</b> Kan Z, Zheng H, Liu X.,., Luk JM, Mao M. Genome Res. 2013 Sep;23(9):1422-33. doi: 10.1101/gr.154492.113. Epub 2013 Jun 20. (Tier 1, IF 13.608)
3	<b>Mast cells in human carotid atherosclerotic plaques are associated with intraplaque microvessel density and the occurrence of future cardiovascular events.</b> Willems S, Vink A, Bot I, Quax PH, de Borst GJ, de Vries JP, van de Weg SM, Moll FL, Kuiper J, Kovanen PT, de Kleijn DP, Hoefer IE, Pasterkamp G. Eur Heart J. 2013 Dec;34(48):3699-706. doi: 10.1093/eurheartj/eh186. Epub 2013 Jun 11. (Tier 1, IF 11.991)
4	<b>Higher levels of advanced glycation endproducts in human carotid atherosclerotic plaques are associated with a rupture-prone phenotype.</b> Hanssen NM, Wouters K, Huijberts MS, Gijbels MJ, Sluimer JC, Scheijen JL, Heeneman S, Biessen EA, Daemen MJ, Brownlee M, de Kleijn DP, Stehouwer CD, Pasterkamp G, Schalkwijk CG. Eur Heart J. 2014 May;35(17):1137-46. doi: 10.1093/eurheartj/eh186. Epub 2013 Oct 14. (Tier 1, IF 11.991)
5	<b>Nanotopography Modulates Mechanotransduction of Stem Cells and Induces Differentiation through Focal Adhesion Kinase.</b> Teo BK, Wong ST, Lim CK, Kung TY, Yap CH, Ramagopal Y, Romer LH, Yim EK. ACS Nano. 2013 Jun 25;7(6):4785-98. doi: 10.1021/nn304966z. Epub 2013 May 24. (Tier 1, IF 11.421)
6	<b>Analysis of the storage and secretion of von Willebrand factor in blood outgrowth endothelial cells derived from patients with von Willebrand disease.</b> Wang JW, Bouwens EA, Pintao MC, Voorberg J, Safdar H, Valentijn KM, de Boer HC, Mertens K, Reitsma PH, Eikenboom J. Blood. 2013 Apr 4;121(14):2762-72. doi: 10.1182/blood-2012-06-434373. Epub 2013 Feb 20. (Tier 1, IF 9.898)
7	<b>NOD2-mediated innate immune signaling regulates the eicosanoids in atherosclerosis.</b> Liu HQ, Zhang XY, Edfeldt K, Nijhuis MO, Idborg H, Bäck M, Roy J, Hedin U, Jakobsson PJ, Laman JD, de Kleijn DP, Pasterkamp G, Hansson GK, Yan ZQ. Arterioscler Thromb Vasc Biol. 2013 Sep;33(9):2193-201. doi: 10.1161/ATVBAHA.113.301715. Epub 2013 Jul 18. (Tier 1, IF 6.986)
8	<b>Histological features of carotid plaque in patients with ocular ischemia versus cerebral events.</b> Howard DP, van Lammeren GW, Redgrave JN, Moll FL, de Vries JP, de Kleijn DP, de Borst GJ, Pasterkamp G, Rothwell PM. Stroke. 2013 Mar;44(3):734-9. doi: 10.1161/STROKEAHA.112.678672. Epub 2013 Jan 29. (Tier 1, 6.831)
9	<b>Sex is associated with the presence of atherosclerotic plaque hemorrhage and modifies the relation between plaque hemorrhage and cardiovascular outcome.</b> Vrijenhoek JE, Den Ruijter HM, De Borst GJ, de Kleijn DP, De Vries JP, Bots ML, Van de Weg SM, Vink A, Moll FL, Pasterkamp G. Stroke. 2013 Dec;44(12):3318-23. doi: 10.1161/STROKEAHA.113.002633. Epub 2013 Oct 15. (Tier 1, 6.831)
10	<b>Noncytotoxic artificial bacterial flagella fabricated from biocompatible ORMOCOMP and iron coating</b> Famin Qiu, Li Zhang, Kathrin E. Peyer, Marco Casarosa, Alfredo Franco-Obregón, Hongsoo Choie and Bradley J. Nelson J. Mater. Chem. B, 2014,2, 357-362. (Tier 1, IF 6.171)
11	<b>Gravitational force modulates G2/M phase exit in mechanically unloaded myoblasts.</b> Benavides Damm T, Franco-Obregón A, Egli M. Cell Cycle. 2013 Sep 15;12(18):3001-12. doi: 10.4161/cc.26029. Epub 2013 Aug 14. (Not Tiered, IF 5.350)
12	<b>Surrogate consent for critical care research: exploratory study on public perception and influences on recruitment.</b> Lim DA, Chan MF, Childs C. Crit Care. 2013 Jan 15;15(15):R5. [Epub ahead of print] (Tier 3, IF 4.595)
13	<b>Immunological Properties of Extraembryonic Human Mesenchymal Stromal Cells Derived from Gestational Tissue.</b> Stubbendorff M, Deuse T, Hua X, Phan TT, Bieback K, Atkinson K, Eiermann TH, Velden J, Schröder C, Reichenspurner H, Robbins RC, Volk HD, Schrepfer S. Stem Cells Dev. 2013 Jun 29. [Epub ahead of print] (Tier 3, IF 4.459)
14	<b>Mesenchymal stem cell secretes immunologically active exosomes.</b> Zhang B, Yin Y, Lai RC, Tan SS, Choo AB, Lim SK. Stem Cells Dev. 2013 Dec 24. [Epub ahead of print] (Tier 3, IF 4.459)

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## Peer Reviewed Publications (Year 2013) - cont

General Surgery - cont	
Original Article	
15	<b>Anti-cadherin-17 antibody modulates beta-catenin signaling and tumorigenicity of hepatocellular carcinoma.</b> Wang Y, Shek FH, Wong KF, Liu LX, Zhang XQ, Yuan Y, Khin E, Hu MY, Wang JH, Poon RT, Hong W, Lee NP, Luk JM. PLoS One. 2013 Sep 11;8(9):e72386. doi: 10.1371/journal.pone.0072386. (Not Tiered, IF 4.092)
16	<b>Low intensity and frequency pulsed electromagnetic fields selectively impair breast cancer cell viability.</b> Crocetti S, Beyer C, Schade G, Egli M, Fröhlich J, Franco-Obregón A. PLoS One. 2013 Sep 11;8(9):e72944. doi: 10.1371/journal.pone.0072944. (Not Tiered, IF 4.092)
17	<b>FoxP1 stimulates angiogenesis by repressing the inhibitory guidance protein semaphorin 5B in endothelial cells.</b> Grundmann S, Lindmayer C, Hans FP, Hoefler I, Helbing T, Pasterkamp G, Bode C, de Kleijn D, Moser M. PLoS One. 2013 Sep 2;8(9):e70873. doi: 10.1371/journal.pone.0070873. eCollection 2013. (Not Tiered, IF 4.015)
18	<b>Guidelines for laparoscopic treatment of ventral and incisional abdominal wall hernias (International Endohernia Society [IEHS])-Part III.</b> Bittner R, Bingener-Casey J, Dietz U, Fabian M, Ferzli G, Fortelny R, Köckerling F, Kukleta J, Leblanc K, Lomanto D, Misra M, Morales-Conde S, Ramshaw B, Reinhold W, Rim S, Rohr M, Schrittwieser R, Simon T, Smietanski M, Stechemesser B, Timoney M, Chowbey P. Surg Endosc. 2013 Sep 17. [Epub ahead of print]. (Not Tiered, IF 4.013)
19	<b>Guidelines for laparoscopic treatment of ventral and incisional abdominal wall hernias (International Endohernia Society (IEHS)-Part 1.</b> Bittner R, Bingener-Casey J, Dietz U, Fabian M, Ferzli GS, Fortelny RH, Köckerling F, Kukleta J, Leblanc K, Lomanto D, Misra MC, Bansal VK, Morales-Conde S, Ramshaw B, Reinhold W, Rim S, Rohr M, Schrittwieser R, Simon T, Smietanski M, Stechemesser B, Timoney M, Chowbey P. Surg Endosc. 2013 Oct 11. [Epub ahead of print]. (Not Tiered, IF 4.013)
20	<b>Guidelines for laparoscopic treatment of ventral and incisional abdominal wall hernias (International Endohernia Society [IEHS])-Part 2.</b> Bittner R, Bingener-Casey J, Dietz U, Fabian M, Ferzli GS, Fortelny RH, Köckerling F, Kukleta J, Leblanc K, Lomanto D, Misra MC, Morales-Conde S, Ramshaw B, Reinhold W, Rim S, Rohr M, Schrittwieser R, Simon T, Smietanski M, Stechemesser B, Timoney M, Chowbey P. Surg Endosc. 2013 Nov 14. [Epub ahead of print] No abstract available. (Not Tiered, IF 4.013)
21	<b>Soluble ST2 levels are not associated with secondary cardiovascular events and vulnerable plaque phenotype in patients with carotid artery stenosis.</b> Willems S, Quax PH, de Borst GJ, de Vries JP, Moll FL, de Kleijn DP, Hoefler IE, Pasterkamp G. Atherosclerosis. 2013 Nov;231(1):48-53. doi: 10.1016/j.atherosclerosis.2013.08.024. Epub 2013 Aug 31. (Tier 2, IF 3.908)
22	<b>Mesenchymal stem cell exosome ameliorates reperfusion injury through proteomic complementation.</b> Lai RC, Yeo RW, Tan KH, Lim SK. Regen Med. 2013 Mar;8(2):197-209. doi: 10.2217/rme.13.4. (Not Tiered, IF 3.358)
23	<b>Anisotropic rigidity sensing on grating topography directs human mesenchymal stem cell elongation.</b> Wong ST, Teo SK, Park S, Chiam KH, Yim EK. Biomech Model Mechanobiol. 2013 Mar 26. [Epub ahead of print] (Not Tiered, IF 3.192)
24	<b>Effect of deformability difference between two erythrocytes on their aggregation.</b> Ju M, Ye SS, Low HT, Zhang J, Cabrales P, Leo HL, Kim S. Phys Biol. 2013 Jun;10(3):036001. doi: 10.1088/1478-3975/10/3/036001. Epub 2013 Apr 10. (Not Tiered, IF 2.595)
25	<b>Polycistronic lentivirus induced pluripotent stem cells from skin biopsies after long term storage, blood outgrowth endothelial cells and cells from milk teeth.</b> Dambrot C, van de Pas S, van Zijl L, Brändl B, Wang JW, Schaliq MJ, Hoeben RC, Atsma DE, Mikkers HM, Mummery CL, Freund C. Differentiation. 2013 Feb;85(3):101-9. doi: 10.1016/j.diff.2013.01.001. Epub 2013 May 7. (Tier 2, IF 2.807)
26	<b>Effect of erythrocyte aggregation on spatio-temporal variations of cell-free layer formation near an arteriolar bifurcation.</b> Ong PK, Kim S. Microcirculation. 2013 Jul;20(5):440-53. doi: 10.1111/micc.12045. (Tier 2, IF 2.533)
27	<b>Computational fluid modelling and performance analysis of a bi-directional rotating perfusion culture system.</b> Kang CW, Wang Y, Tania M, Zhou H, Gao Y, Ba T, Tan GD, Kim S, Leo HL. Biotechnol Prog. 2013 Apr 1. doi: 10.1002/btpr.1736. [Epub ahead of print] (Tier 3, IF 2.34)
28	<b>High throughput screening to investigate the interaction of stem cells with their extracellular microenvironment.</b> Ankam S, Teo BK, Kukumberg M, Yim EK. Organogenesis. 2013 Jul 1;9(3):128-142. Epub 2013 Jun 20. (Not Tiered, IF 2.17)
29	<b>Evaluation of hemocompatibility and endothelialization of hybrid poly(vinyl alcohol) (PVA)/gelatin polymer films.</b> Ino JM, Sju E, Ollivier V, Yim EK, Letourneur D, Le Visage C. J Biomed Mater Res B Appl Biomater. 2013 Jul 11. doi: 10.1002/jbm.b.32977. [Epub ahead of print] (Tier 1, IF 2.147)



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## Peer Reviewed Publications (Year 2013) - cont

General Surgery - cont	
<b>Original Article</b>	
30	<b>Proteomics of plaques and novel sources of potential biomarkers for atherosclerosis.</b> Bleijerveld OB, Zhang YN, Beldar S, Hofer IE, Sze SK, Pasterkamp G, <u>de Kleijn DP</u> . Proteomics Clin Appl. 2013 Aug;7(7-8):490-503. doi: 10.1002/prca.201200119. Epub 2013 Jul 9. (Not Tiered, IF 2.124)
31	<b>A review of numerical methods for red blood cell flow simulation.</b> Ju M, Ye SS, Namgung B, Cho S, Low HT, Leo HL, <u>Kim S</u> . Comput Methods Biomech Biomed Engin. 2013 Apr 14. [Epub ahead of print] (Tier 4, IF 1.169)
32	<b>SILC for SILC: Single Institution Learning Curve for Single-Incision Laparoscopic Cholecystectomy.</b> Tay CW, Shen L, <u>Hartman M</u> , <u>Iyer SG</u> , <u>Madhavan K</u> , <u>Chang SK</u> . Minim Invasive Surg. 2013;2013:381628. doi: 10.1155/2013/381628. Epub 2013 May 9. (Not Tiered, IF 0)
33	<b>Defining the expression hierarchy of latent T-cell epitopes in Epstein-Barr virus infection with TCR-like antibodies.</b> Sim AC, Too CT, Oo MZ, Lai J, Eio MY, Song Z, Srinivasan N, Tan DA, Pang SW, <u>Gan SU</u> , Lee KO, Loh TK, Chen J, Chan SH, Macary PA. Sci Rep. 2013 Nov 18;3:3232. doi: 10.1038/srep03232. (Not Tiered, IF 0)
34	<b>Measurement of precursor miRNA in exosomes from human ESC-derived mesenchymal stem cells.</b> Chen TS, <u>Lim SK</u> . Methods Mol Biol. 2013;1024:69-86. doi: 10.1007/978-1-62703-453-1_6. (Not Tiered, IF 0)
35	<b>Therapeutic MSC exosomes are derived from lipid raft microdomains in the plasma membrane.</b> Tan SS, Yin Y, Lee T, Lai RC, Yeo RW, Zhang B, Choo A, <u>Lim SK</u> . J Extracell Vesicles. 2013 Dec 23;2. doi: 10.3402/jev.v2i0.22614. (Not Tiered, IF 0)
<b>Letter to Editor</b>	
1	<b>Totally extraperitoneal repair of inguinal hernias: some remarks on technical details.</b> Köckerling F, Jacob DA, Chowbey P, <u>Lomanto D</u> . Langenbecks Arch Surg. 2013 Mar;398(3):483-4. doi: 10.1007/s00423-013-1055-8. Epub 2013 Feb 3. (Not Tiered, IF 1.951)

# DEPARTMENT OF SURGERY

## Peer Reviewed Publications (Year 2013) - cont

Hepatobiliary & Pancreatic Surgery	
Original Article	
1	<b>Laparoscopic drainage of cryptogenic liver abscess.</b> Tan L, Zhou HJ, Hartman M, Ganpathi IS, Madhavan K, Chang S. Surg Endosc. 2013 Sep;27(9):3308-14. doi: 10.1007/s00464-013-2910-y. Epub 2013 Mar 15. (Tier 3, IF 4.013)
2	<b>Rectal arterio-portal fistula: an unusual cause of persistent bleeding per rectum following a proximal spleno-renal shunt.</b> Yap HY, Lee SY, Chung YF, Tay KH, Low AS, Thng CH, Madhavan K. World J Gastroenterol. 2013 Jul 7;19(25):4087-90. doi: 10.3748/wjg.v19.i25.4087. (Not Tiered, IF 2.471)
3	<b>Glucose-insulin regulation model with subcutaneous insulin injection and evaluation using diabetic inpatients data.</b> Wu Z, Chui CK, Hong GS, Khoo E, Chang S. Comput Methods Programs Biomed. 2013 Aug;111(2):347-56. doi: 10.1016/j.cmpb.2013.05.001. Epub 2013 Jun 10. (Tier 3, IF 1.516)
4	<b>Projection-based visual guidance for robot-aided RF needle insertion.</b> Wen R, Chui CK, Ong SH, Lim KB, Chang SK. Int J Comput Assist Radiol Surg. 2013 May 7. [Epub ahead of print] (Not Tiered, IF 1.481)
5	<b>Robotic learning of motion using demonstrations and statistical models for surgical simulation.</b> Yang T, Chui CK, Liu J, Huang W, Su Y, Chang SK. Int J Comput Assist Radiol Surg. 2013 Dec 14. [Epub ahead of print] (Not Tiered, IF 1.481)
6	<b>Influence of Dynamic Shadowing on 2D and 3D Laparoscopic Visualization Under Visible Light and Infrared Light.</b> Lee CS, Chui CK, Chang SK. J Laparoendosc Adv Surg Tech A. 2013 May 2. [Epub ahead of print] (Tier 4, IF 1.4)
7	<b>Intrahepatic segment V biliary enteric bypass.</b> Tan LB, Madhavan K, Chang SK. ANZ J Surg. 2013 Oct 31. doi: 10.1111/ans.12329. [Epub ahead of print] (Tier 4, IF 1.248)
8	<b>Diagnosis and management of pancreaticopleural fistula.</b> Tay CM, Chang S. Singapore Med J. 2013 Apr;54(4):190-4. (Not Tiered, IF 0.729)
9	<b>Synchronous simulation for deformation of liver and gallbladder with stretch and compression compensation.</b> Duan Y, Huang W, Chang H, Toe KK, Yang T, Zhou J, Liu J, Teo SK, Lim CW, Su Y, Chui CK, Chang S. Conf Proc IEEE Eng Med Biol Soc. 2013 Jul;2013:4941-4. doi: 10.1109/EMBC.2013.6610656. (Not Tiered, IF 0)
Case Report	
1	<b>Primary hepatic inflammatory malignant fibrous histiocytoma: report of a rare entity and diagnostic pitfall mimicking a liver abscess.</b> Hu JS, Gupta S, Chang SK. Pathology. 2013 Jun;45(4):430-2. doi: 10.1097/PAT.0b013e328360f013. (Tier 4, IF 2.378)
2	<b>Intestinal obstruction in pregnancy: a case report.</b> Rauff S, Chang SK, Tan EK. Case Rep Obstet Gynecol. 2013;2013:564838. doi: 10.1155/2013/564838. Epub 2013 Feb 6. (Not Tiered, IF 0)

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## Peer Reviewed Publications (Year 2013) - cont

Neurosurgery	
Original Article	
1	<b>Clinical review: Brain-body temperature differences in adults with severe traumatic brain injury.</b> Childs C, Lunn KW. Crit Care. 2013 Apr 22;17(2):222. [Epub ahead of print] (Tier 3, IF 4.607)
2	<b>Brain tissue interaction with three-dimensional, honeycomb polycaprolactone-based scaffolds designed for cranial reconstruction following traumatic brain injury.</b> Choy DK, Nga VD, Lim J, Lu J, Chou N, Yeo TT, Teoh SH. Tissue Eng Part A. 2013 Nov;19(21-22):2382-9. doi: 10.1089/ten.TEA.2012.0733. Epub 2013 Jul 25. (Not Tiered, IF 4.02)
3	<b>Models of Mortality Probability in Severe Traumatic Brain Injury: Results of the Modelling by the UK Trauma Registry.</b> Lesko MM, Jenks T, Perel P, O'Brien S, Childs C, Bouamra O, Lecky F. J Neurotrauma. 2013 Dec 15;30(24):2021-2030. Epub 2013 Nov 8. (Tier 2, IF 3.654)
4	<b>Cerebral Hyperperfusion Syndrome after Superficial Temporal Artery-Middle Cerebral Artery Bypass for Severe Intracranial Steno-occlusive Disease: A Case Control Study.</b> Teo K, Seng DC, Lwin S, Ning C, Yeo TT, Shen L, Chong VF, Teoh HL, Seet RC, Chan BP, Sharma AK, Sharma VK. Neurosurgery. 2013 Jun;72(6):936-42; discussion 942-3. doi: 10.1227/NEU.0b013e31828bb8b3. (Tier 2, IF 3.298)
5	<b>Exploring the relationship between serum biomarkers, acute intracerebral changes and outcome after severe traumatic brain injury (TBI).</b> Childs C, Martínez-Morillo E, Wai AP, Zu MM, Diamandis A, Diamandis EP. Clin Chem Lab Med. 2013 Apr 11:1-3. doi: 10.1515/cclm-2013-0216. [Epub ahead of print] (Tier 3, IF 2.15)
6	<b>A retrospective analysis and review of an institution's experience with the complications of cranioplasty.</b> Lee L, Ker J, Quah BL, Chou N, Choy D, Yeo TT. Br J Neurosurg. 2013 Oct;27(5):629-35. doi: 10.3109/02688697.2013.815313. Epub 2013 Jul 24. (Tier 4, IF 0.884)
7	<b>Management of ruptured intracranial aneurysms in the post-ISAT era: outcome of surgical clipping versus endovascular coiling in a Singapore tertiary institution.</b> Koh KM, Ng Z, Low SY, Chua HZ, Chou N, Low SW, Yeo TT. Singapore Med J. 2013 Jun;54(6):332-8. (Not Tiered, IF 0.729)
Case Report	
1	<b>Intracranial pial arteriovenous fistula in infancy: a case report and literature review.</b> Kraneburg UM, Nga VD, Ting EY, Hui FK, Lwin S, Teo C, Chou N, Yeo TT. Childs Nerv Syst. 2013 Jul 2. [Epub ahead of print] (Not Tiered, IF 1.542)
2	<b>Cervical Intradural Abscess Masquerading as an Epidural Collection.</b> Muhammed Yaser Hasan, K. Karuppiah Kumar, Sein Lwin, Leok-Lim Lau, Naresh Kumar Global Spine J. DOI: 10.1055/s-0033-1337123. (Not Tiered, IF 0)
Paediatric Surgery	
Original Article	
1	<b>Cholangitis in children with biliary atresia: Health-care resource utilisation.</b> Lee JY, Lim LT, Quak SH, Prabhakaran K, Aw M. 2014 Mar;50(3):196-201. doi: 10.1111/jpc.12463. Epub 2013 Dec 23. (Tier 4 IF 1.281)

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## Peer Reviewed Publications (Year 2013) - cont

Plastic, Reconstructive & Aesthetic Surgery	
<u>Original Article</u>	
1	<b>'See-saw' expression of microRNA-198 and FSTL1 from a single transcript in wound healing.</b> Sundaram GM, Common JE, Gopal FE, Srikanta S, Lakshman K, Lunny DP, <u>Lim TC</u> , Tanavde V, Lane EB, Sampath P. Nature. 2013 Mar 7;495(7439):103-6. doi: 10.1038/nature11890. Epub 2013 Feb 10. (Tier 1, IF 36.101)
2	<b>Lamin B1 fluctuations have differential effects on cellular proliferation and senescence.</b> Dreesen O, Chojnowski A, Ong PF, Zhao TY, Common JE, Lunny D, Lane EB, <u>Lee SJ</u> , Vardy LA, Stewart CL, Colman A. J Cell Biol. 2013 Mar 4;200(5):605-17. doi: 10.1083/jcb.201206121. Epub 2013 Feb 25. (Tier 1, IF 9.921)
3	<b>A novel technique with aesthetic considerations in female-to-male transsexuals nipple areola complex reconstruction.</b> <u>Vigneswaran N</u> , <u>Lim J</u> , <u>Lee HJ</u> , <u>Ong WC</u> , <u>Rasheed MZ</u> , <u>Lim TC</u> . J Plast Reconstr Aesthet Surg. 2013 Dec;66(12):1805-7. doi: 10.1016/j.bjps.2013.06.052. Epub 2013 Aug 19. (Not Tiered, IF 1.494)
4	<b>Autoclaved autologous bone graft for orbital reconstruction for recurrent temporal bone orbital osteosarcoma.</b> Shah JM, Wong A, <u>Lim TC</u> , <u>Lim J</u> , Mun LK, Ning C, Petersson BF, Sundar G. J Craniofac Surg. 2013 Jan;24(1):e59-62. doi: 10.1097/SCS.0b013e31827003ba. (Tier 4, IF 0.772)
5	<b>Preliminary Deformational Studies on a Finite Element Model of the Nasal Septum Reveals Key Areas for Septal Realignment and Reconstruction</b> Kyrin Liong, <u>Shu Jin Lee</u> , and Heow Pueh Lee Journal of Medical Engineering, Volume 2013 (2013), Article ID 250274, 8 pages <a href="http://dx.doi.org/10.1155/2013/250274">http://dx.doi.org/10.1155/2013/250274</a> . (Not Tiered, IF 0)
6	<b>Functional compartmental space: the missing link in the pathogenesis of carpal tunnel syndrome</b> Amitabha Lahiri, Kyrin Liong, Dawn Chia, <u>Shujin Lee</u> , Aymeric Lim, Arijit Biswas & Heow Pueh Lee Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization. DOI:10.1080/21681163.2013.776269. (Not Tiered, IF 0)
7	<b>The deep inferior epigastric perforator and pedicled transverse rectus abdominis myocutaneous flap in breast reconstruction: a comparative study.</b> Tan S, <u>Lim J</u> , Yek J, <u>Ong WC</u> , <u>Hing CH</u> , <u>Lim TC</u> . Arch Plast Surg. 2013 May;40(3):187-91. doi: 10.5999/aps.2013.40.3.187. Epub 2013 May 16. (Not Tiered, IF 0)
8	<b>Simulators of squamous cell carcinoma of the skin: diagnostic challenges on small biopsies and clinicopathological correlation.</b> <u>Tan KB</u> , Tan SH, Aw DC, Jaffar H, <u>Lim TC</u> , <u>Lee SJ</u> , Lee YS. J Skin Cancer. 2013;2013:752864. doi: 10.1155/2013/752864. Epub 2013 Jun 25 (Not Tiered, IF 0)
<u>Letters to Editor</u>	
1	<b>Innovative Intraoperative Titanium Mesh Preparation for Safer Implantation</b> <u>Vigneswaran Nallathamby</u> , <u>Hanjing Lee</u> , <u>Jane Lim</u> , <u>Wei Chen Ong</u> , <u>Thiam Chye Lim</u> Cranial Maxillofac Trauma Reconstruction 2013; 06(01): 065-066. doi: 10.1055/s-0032-1329544 (Not Tiered, IF 0)

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## Peer Reviewed Publications (Year 2013) - cont

Upper Gastrointestinal Surgery	
Original Article	
1	<b>Identification of molecular subtypes of gastric cancer with different responses to PI3-kinase inhibitors and 5-fluorouracil.</b> Lei Z, Tan IB, Das K, Deng N, Zouridis H, Pattison S, Chua C, Feng Z, Guan YK, Ooi CH, Ivanova T, Zhang S, Lee M, Wu J, Ngo A, Manesh S, Tan E, Teh BT, <u>So JB</u> , Goh LK, Boussioutas A, Lim TK, Flotow H, Tan P, Rozen SG. Gastroenterology. 2013 Sep;145(3):554-65. doi: 10.1053/j.gastro.2013.05.010. Epub 2013 May 14. (Tier 1, IF 11.675)
2	<b>Fiberoptic Confocal Raman Spectroscopy for Real-Time In Vivo Diagnosis of Dysplasia in Barrett's Esophagus.</b> Bergholt MS, Zheng W, Ho KY, The M, Yeoh KG, Yan So JB, <u>Shabbir A</u> , Huang Z. Gastroenterology. 2013 Nov 8. pii: S0016-5085(13)01585-0. doi: 10.1053/j.gastro.2013.11.002. [Epub ahead of print] (Tier 1, IF 11.675)
3	<b>A Chimeric Receptor with NKG2D Specificity Enhances Natural Killer Cell Activation and Killing of Tumor Cells.</b> Chang YH, Connolly J, Shimasaki N, <u>Mimura K</u> , <u>Kono K</u> , Campana D. Cancer Res. 2013 Jan 10. [Epub ahead of print] (Tier 1, IF 8.234)
4	<b>T Lymphocytes Expressing a CD16 Signaling Receptor Exert Antibody-Dependent Cancer Cell Killing.</b> Kudo K, Imai C, Lorenzini P, Kamiya T, <u>Kono K</u> , Davidoff AM, Chng WJ, Campana D. Cancer Res. 2014 Jan 1;74(1):93-103. doi: 10.1158/0008-5472.CAN-13-1365. Epub 2013 Nov 6. (Tier 1, IF 7.856)
5	<b>Hypoxia shifts activity of neuropeptide Y in Ewing sarcoma from growth-inhibitory to growth-promoting effects.</b> Tilan JU, Lu C, Galli S, Izycka-Swieszewska E, Earnest JP, <u>Shabbir A</u> , Everhart LM, Wang S, Martin S, Horton M, Mahajan A, Christian D, O'Neill A, Wang H, Zhuang T, Czarnecka M, Johnson MD, Toretsky JA, Kitlinska J. Oncotarget. 2013 Dec;4(12):2487-501. (Not Tiered, IF 6.636)
6	<b>The MAPK Pathway Is a Predominant Regulator of HLA-A Expression in Esophageal and Gastric Cancer.</b> <u>Mimura K</u> , Shiraishi K, Mueller A, Izawa S, Kua LF, <u>So J</u> , Yong WP, Fujii H, Seliger B, Kiessling R, <u>Kono K</u> . J Immunol. 2013 Dec 15;191(12):6261-72. doi: 10.4049/jimmunol.1301597. Epub 2013 Nov 15. (Tier 1, IF 5.788)
7	<b>Immunogenic tumor cell death induced by chemoradiotherapy: molecular mechanisms and a clinical translation.</b> <u>Kono K</u> , <u>Mimura K</u> , Kiessling R. Cell Death Dis. 2013 Jun 20;4:e688. doi: 10.1038/cddis.2013.207. (Not Tiered, IF 5.333)
8	<b>tbx2a is required for specification of endodermal pouches during development of the pharyngeal arches.</b> Thi Thu HN, Haw Tien SF, Loh SL, <u>Bok Yan JS</u> , Korzh V. PLoS One. 2013 Oct 10;8(10):e77171. doi: 10.1371/journal.pone.0077171. eCollection 2013. (Not Tiered, IF 4.244)
9	<b>Muco-submucosal elongated polyps of the gastrointestinal tract: A case series and a review of the literature.</b> Tan CL, Tan SH, <u>So JB</u> , Petersson F. World J Gastroenterol. 2013 Mar 21;19(11):1845-9. doi: 10.3748/wjg.v19.i11.1845. (Not Tiered, IF 2.471)
10	<b>Endoscopic tri-modal imaging improves detection of gastric intestinal metaplasia among a high-risk patient population in Singapore.</b> <u>So J</u> , Rajnakova A, Chan YH, <u>Tay A</u> , Shah N, Salto-Tellez M, Teh M, Noriya U. Dig Dis Sci. 2013 Dec;58(12):3566-75. doi: 10.1007/s10620-013-2843-2. Epub 2013 Sep 1. (Tier 4, IF 2.117)
11	<b>Immunogenic tumor cell death induced by chemoradiotherapy in a clinical setting.</b> <u>Kono K</u> , <u>Mimura K</u> . Oncoimmunology. 2013 Jan 1;2(1):e22197. (Not Tiered, IF 0)
12	<b>Gastric metastases of oral carcinoma resulting from percutaneous endoscopic gastrostomy placement via the introducer technique.</b> Teh JL, Wong RK, Gowans M, <u>Shabbir A</u> , Doshi B, Ong DE, Fan VT. Gastroenterol Rep (Oxf). 2013 Nov;1(3):211-3. doi: 10.1093/gastro/got027. Epub 2013 Oct 15. (Not Tiered, IF 0)
Case Report	
1	<b>Perforated early gastric cancer: uncommon and easily missed a case report and review of literature.</b> Lim RH, Tay CM, Wong B, Chong CS, <u>Kono K</u> , <u>So JB</u> , <u>Shabbir A</u> . J Gastric Cancer. 2013 Mar;13(1):65-8. doi: 10.5230/jgc.2013.13.1.65. Epub 2013 Mar 31. (Not Tiered, IF 0)
2	<b>Single-port endo-laparoscopic surgery in combined abdominal procedures.</b> Kim G, <u>Lomanto D</u> , Lawenko MM, Lopez-Gutierrez J, Lee-Ong A, <u>Iyer SG</u> , Cheah WK, <u>So JB</u> , <u>Tsang CB</u> , Fong YF. Asian J Endosc Surg. 2013 Aug;6(3):209-13. doi: 10.1111/ases.12037. (Not Tiered, IF 0)

# DEPARTMENT OF SURGERY

## Peer Reviewed Publications (Year 2013) - cont

Urology	
Original Article	
1	<b>Management of prostate cancer in Asia: resource-stratified guidelines from the Asian Oncology Summit 2013.</b> Williams S, <u>Chiong E</u> , Lojanapiwat B, Umbas R, Akaza H. Lancet Oncol. 2013 Nov;14(12):e524-34. doi: 10.1016/S1470-2045(13)70451-0. (Tier 1, IF 22.589)
2	<b>Urinary metabotyping of bladder cancer using two-dimensional gas chromatography time-of-flight mass spectrometry.</b> Pasikanti KK, <u>Esuvaranathan K</u> , Hong Y, Ho PC, <u>Mahendran R</u> , <u>Raman Nee Mani L</u> , <u>Chiong E</u> , Chan EC. J Proteome Res. 2013 Sep 6;12(9):3865-73. doi: 10.1021/pr4000448. Epub 2013 Aug 7. (Tier 1, IF 5.113)
3	<b>An automated Pearson's correlation change classification (APC3) approach for GC/MS metabonomic data using total ion chromatograms (TICs).</b> Prakash BD, <u>Esuvaranathan K</u> , Ho PC, Pasikanti KK, Yong Chan EC, Yap CW. Analyst. 2013 May 21;138(10):2883-9. doi: 10.1039/c3an00048f. (Tier 2, IF 4.23)
4	<b>Comparison of creatinine-based and kidney volume based methods of estimating glomerular filtration rates in potential living kidney donors.</b> Goh YS, Wu MW, Tai BC, Lee KC, <u>Raman L</u> , Teo BW, Vathsala A, <u>Tiong HY</u> . J Urol. 2013 Nov;190(5):1820-6. doi: 10.1016/j.juro.2013.05.117. Epub 2013 Jun 11. (Tier 1, IF 3.746)
5	<b>Guidelines on management of prostate cancer.</b> Sim HG, Lim KH, Tay MH, Chong KT, <u>Chiong E</u> . Ann Acad Med Singapore. 2013 Apr;42(4):190-9. (Not Tiered, IF 1.245)
6	<b>Strategies for maintaining penile size following penile implant.</b> <u>King Chien Joe Lee</u> , Gerald B. Brock Translational Andrology & Urology Vol2, No1 (March 2013). (Not Tiered, IF 0)
7	<b>Sexual dysfunction in 2013:Advances in epidemiology, diagnosis and treatment.</b> <u>King Chien Joe Lee</u> , Nader Fahmy, Gerald B. Brock Arab Journal of Urology Volume 11, Issue 3 , Pages 194-202, September 2013. (Not Tiered, IF 0)
8	<b>Daily dosing of PDE5 inhibitors: where does it fit in?</b> <u>Lee KC</u> , Brock GB Curr Urol Rep. 2013 Aug;14(4):269-78. doi: 10.1007/s11934-013-0342-9. (Not Tiered, IF 0)
Case Report	
1	<b>A case report of an intracaval extrathoracic solitary fibrous tumour.</b> Koh SZ, <u>Tiong HY</u> , Wang S, <u>Madhavan K</u> . Ann R Coll Surg Engl. 2013 May;95(4):e71-4. doi: 10.1308/003588413X13511609957858. (Tier 4, IF 1.231)
Letter to Editor	
1	<b>Re: A Prospective Randomized Trial of Povidone-Iodine Prophylactic Cleansing of the Rectum before Transrectal Ultrasound Guided Prostate Biopsy: Z. AbuGhosh, J. Margolick, S. L. Goldenberg, S. A. Taylor, K. Afshar, R. Bell, D. Lange, W. R. Bowie, D. Roscoe, L. Machan and P. C. Black J Urol 2013; 189: 1326-1331.</b> Goh YS, Law ZW, <u>Tiong HY</u> . J Urol. 2013 Dec;190(6):2309-10. doi: 10.1016/j.juro.2013.07.010. Epub 2013 Sep 17. (Tier 1, IF 3.746)