

## DAFTAR PUSTAKA

- Al-Qur'an & Terjemahnya*. Kementerian Agama Republik Indonesia. 2014. Jakarta: Pena Ilmu dan Amal.
- Abdushshamad, M K. 2003. *Mukjizat Ilmiah dalam Al Quran*. Akbar Media Eka Sarana.
- Adams, R J. 2014. Pholcidae, in *Field Guide to the Spiders of California and the Pacific Coast States*. University of California Press. pp. 73
- Arifin, Z dkk. 2014. *Buku Pintar Sains dalam Al Quran*. Jakarta: Zaman.
- Archana, J. 2015. Spider silk in medicine. *Young Scientists Journal*, (18), pp. 1–11.
- Asy-Syanqithi. 2011. *Tafsir Adhwa'ul Bayan Jil.4*. terj, Akhmad Khatib. Jakarta: Pustaka Azzam.
- Bainbridge P. 2013. Wound healing and the role of fibroblasts. *Journal of Wound Care*. 22(8). pp. 407–412. doi: 10.12968/jowc.2013.22.8.407.
- Baoyong, L et al. 2010. Evaluation of a new type of wound dressing made from recombinant spider silk protein using rat models. *Burns*. Vol 36. pp. 891–896. doi: 10.1016/j.burns.2009.12.001.
- Biefield, K et al. 2013. Cutaneous wound healing: Recruiting developmental pathways for regeneration. *Cellular and Molecular Life Sciences*. 70(12). pp. 2059–2081. doi: 10.1007/s00018-012-1152-9
- Darby, I and Tim D Hewitson. 2007. Fibroblast Differentiation in Wound Healing and Fibrosis. *International Review of Cytology*. 257. pp. 143–179. doi: 10.1016/S0074-7696(07)57004-X.
- Djamil, A H. 2015. *Agar Menuntut Ilmu Jadi Mudah*. Jakarta: Elex Media Komputindo.
- Duprez, L. et al. 2009. Major cell death pathways at a glance. *Microbes and Infection*. 11(13). pp. 1050–1062. doi: 10.1016/j.micinf.2009.08.013.
- Güllen, F. 2015. Qadha dan takdir dari sisi kehendak Allah Swt. <https://fgulen.com/id/karya-karya/qadar/49475-qadha-dan-takdir-dari-sisi-kehendak-allah-swt> (diakses pada 3 Desember 2018)
- Fleck, C A and Richard Simman. 2010. Modern Collagen Wound Dressing: Function and Purpose. *Journal of the American College of Certified Wound Specialists*. Elsevier Inc, 2(3), pp. 50–54. doi: 10.1016/j.jcws.2010.12.003.
- Gonzalez, Ana Cristina de Oliveira et al. 2016. Wound healing - A literature review. *Anais Brasileiros de Dermatologia*. 91(5). pp. 614–620
- Hardy, J G. et al. 2014. Glycopolymers functionalization of engineered spider silk protein-based materials for improved cell adhesion. *Macromolecular Bioscience*. 14(7). pp. 936–942. doi: 10.1002/mabi.201400020.
- Katsir, I. 2007. *Tafsir Ibnu Katsir Juz 1, 11, 17 & 18*. terj. Bahrun Abu Bakar. Bandung: Sinar Baru Algensindo.
- Kemenag RI. 2014. Mengenal ayat-ayat sains Jilid 6: Hewan (2). Widya: Cahaya: Jakarta

- Kuhbier, J W et al. 2010. Interactions between Spider Silk and Cells – NIH/3T3 Fibroblasts Seeded on Miniature Weaving Frames. *PLoS One* 5(8). pp 1–9. doi: 10.1371/journal.pone.0012032.
- Kumar, P and Rohit S Gole. 2005. Spider's silk: Investigation of spinning process, web material and its properties. *Department of Biological Sciences and Bioengineering Indian Institute of Technology Kanpur*. Kanpur-208016. India
- Kumari, P et al. 2013. Spider web ointment: a traditional based approach in cutaneous wound healing. *Indian J Tradit Know*. 2013;12:657-663.
- Kurnia, E dan Kholifah Holil. 2012. Efek Vitamin C dalam Medium DMEM terhadap Pertumbuhan Sel Paru-paru Fetus Hamster secara in vitro. *El Hayah*. Vol 3. hal 1-7.
- Lanza, Robert. et al. 2014. Wound Repair: Basic Biology to Tissue Engineering, in *Principles of Tissue Engineering* (4<sup>th</sup> Ed). Elsevier.
- Marchenko, S and Lisa Flanagan. 2007. Counting Human Neural Stem Cells. *J Vis Exp* (7). doi: 10.3791/262.
- Matsumoto, S et al. 2013. The effect of control-released basic fibroblast growth factor in wound healing histological analyses and clinical application. *Plastic and Reconstructive Surgery*. Vol 1 (6). doi: 10.1096/GOX.0b013e312a88787
- McDougall, S et al. 2006. Fibroblast migration and collagen deposition during dermal wound healing: mathematical modelling and clinical implications. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*. 364(1843), pp. 1385–1405. doi: 10.1098/rsta.2006.1773.
- Nata, A. 2018. *Islam dan Ilmu Pengetahuan*. Jakarta: Prenadamedia group.
- Niles, A L et al. 2009. In Vitro Viability and Cytotoxicity Testing and Same-Well Multi-Parametric Combinations for High Throughput Screening. *Current Chemical Genomics* (3). pp 33-34. doi: 10.2174/1875397300903010033
- Orrenius, S et al. 2011. Cell death mechanisms and their implications in toxicology. *Toxicological Sciences*. 119(1). pp. 3–19. doi: 10.1093/toxsci/kfq268.
- Pollard, T D et al. 2017. Cells of the Extracellular Matrix and Immune System, in *Cell Biology* (3<sup>rd</sup> Ed). Elsevier. pp. 491 – 492
- Prasetyo, F A dkk. Efek *Spider Silk Protein* (SSP) *Tetragnatha javana* Terhadap CTBT dan APTT Pada Tikus yang Diinduksi oleh Heparin sulfat. pp. 1–9.
- Secheibel, T. 2004. Spider Silks: recombinant synthesis, assembly, spinning and engineering of synthetic proteins. *Microbial Cell Factories*. Biomed Central 3(14). doi:10.1186/1475-2859-3-14
- Schulz, S. 2013. Spider Pheromones - a Structural Perspective. *Journal of Chemical Ecology*, 39(1), pp. 1–14. doi: 10.1007/s10886-012-0231-6.
- Setooni, Z et al. 2018. Evaluation of wound dressing made from spider silk protein using in a rabbit model. *The International Journal of Lower Extremity Wounds*. Vol 17(2), pp71-77.
- Shehab, M Q et al. 2014. *Kemukjizatan Al-Quran dan Sunnah*. Naylal Moona: Jakarta

- Singh, S., Young, A. and McNaught, C. E. 2017. The physiology of wound healing. *Surgery (United Kingdom)*. Elsevier Ltd. 35(9). pp. 473–477. doi: 10.1016/j.mpsur.2017.06.004.
- Stoddart, M. J. 2011. Mammalian Cell Viability: Methods and Protocols. *Methods in Molecular Biology*. Vol 740, pp. 1–6. doi: 10.1007/978-1-61779-108-6.
- Sumbayak, E. 2015. Fibroblas: Struktur dan peranannya dalam penyembuhan luka. *Jurnal Kedokteran MEDITEK*. Vol.21.
- Wendt, H et al. 2011. Artificial Skin - Culturing of different skin cell lines for generating an artificial skin substitute on Cross-Weaved spider silk fibres. *PLoS ONE*. 6(7). doi: 10.1371/journal.pone.0021833.
- Wright, S et al. 2012. Evidence for antimicrobial activity associated with common house spider silk. *BMC Research Notes*. BMC Research Notes, 5(1), p. 1. doi: 10.1186/1756-0500-5-326.
- Zhao, L et al. 2017. Studies on the use of recombinant spider silk protein/ polyvinyl alcohol electrospinning membrane as wound dressing. *International Journal of Nanomedicine*. pp 8103-8114. doi: 10.2147/IJN.S47256
- Zuhroni. 2010. *Dasar dan Sumber Syariat Islam*. Edisi Revisi. Bagian Agama Universitas YARSI. Jakarta.