

DAFTAR PUSTAKA

- Abinaya, R., 2021. Isolation , Characterization and Biological Activities of Stigmasterol from Leaf Part of *Crescentia alata* Kunth (Bignoniaceae) **32**: 9–21.
- Agarwal, A. dan Prabakaran, S.A., 2005. and prevention of oxidative stress in male reproductive physiology **43**: 963–974.
- Agoes, G., 2009. *Teknologi Bahan Alam (Serial Farmasi Industri-2)*, Edisi Revi. ed. Penerbit ITB, Bandung.
- Aizid, R., 2012. *Mengatasi Infertilitas (Kemandulan) Sejak Dini*. Buku Kita, Yogyakarta.
- Anzila, I, M, A.P.W., Soewondo, A., dan Rahayu, S., 2017. Pengaruh Ekstrak Ethanol Kemangi (*Ocimum canum* Sims .) terhadap Struktur Histologi Testis Mencit (*Mus musculus*) Jantan **5**: 22–26.
- Arini, L.A., 2021. The study of sex steroid hormone compound in green algae (Chlorophyta) for female fertility : A literature review The study of sex steroid hormone compound in green algae (Chlorophyta) for female fertility: A literature review. *Earth and Environmental Science*, **913**: 1–9.
- Asnawi, H., 2020. Parijoto dari Masa ke Masa. *Paradigma*. No 1. Tahun XXII. Desember 2020
- Balamurugan, K., Sakthidevi, G., dan Mohan, V.R., 2013. Stimulatory effect of the ethanol extract of *Melastoma malabathricum* L. (Melastomataceae) leaf on the reproductive system of male albino rats. *Journal of Applied Pharmaceutical Science*, **3**: 160–165.
- Chairunnisa, S., Wartini, N.M., Suhendra, L., Pertanian, F.T., Udayana, U., dan Bukit, K., 2019. Pengaruh Suhu dan Waktu Maserasi terhadap Karakteristik Ekstrak Daun Bidara (*Ziziphus mauritiana* L .) sebagai Sumber Saponin **7**: 551–560.
- Chaudhary, J., 2011. Kaur et al. , **2**: 2259–2265.
- Dicky Moch Rizal, 2021. *Fisiologi Sistem Reproduksi Pria*. Gadjah Mada University Press,

- Djuwantono, T., Bayuaji, H., dan Permadi, W., 2012. Buku-Pengelolaan-Infertilitas.
- Ekaputri Hz, T.W., Sari, I.P., dan Rizal, D.M., 2018. The effect of ethanol extract of *Piper nigrum* L. fruit on reproductive system in adult male wistar rats: A study of FSH, LH, testosterone level and spermatogenic cells. *Indonesian Journal of Pharmacy*, **29**: 136–144.
- Enema, O., Umoh, F., Adesina, S., dan Eseyin, O.A., 2018. Chemistry and Pharmacology of Aphrodisiacs : A Review Available online www.jocpr.com Chemistry and Pharmacology of Aphrodisiac Plants : A Review Keywords : Sexuality ; Aphrodisiacs ; Health ; Phytochemicals ; Virility.
- Ferdian, A., Muslim, dan Fitriani, M., 2018. Masculinization of Betta Fish (*Betta sp .*) using Ginseng Root Extract (*Panax sp .*). *Jurnal Akuakultur Rawa Indonesia*, **5**: 1–12.
- Hanani, E., 2017. *Analisis Fitokimia*. Penerbit Buku Kedokteran EGC, Jakarta.
- Hanum, A.S., Prihastanti, E., dan Jumari, 2017. Ethnobotany of utilization, role, and philosophical meaning of parijoto (*Medinilla*, spp) on Mount Muria in Kudus Regency, Central Java. *AIP Conference Proceedings*, **1868**: .
- Ibrahim, A., Amr, A., Alessia, M.S., dan Fawzi, M., 2016. The Effect of the Coriander Seeds on Reproductive Parameter on Female Mice **5**: 31–34.
- Jungwirth, A., Diemer, T., Dohle, G.R., Giwercman, A., Kopa, Z., Krausz, C., dkk., 2014. Male Infertility.
- Kamal, N., Clements, C., Gray, A.I., dan Edrada-Ebel, R.A., 2016. Anti-infective activities of secondary metabolites from *Vitex pinnata*. *Journal of Applied Pharmaceutical Science*, **6**: 102–106.
- Kimia, J.P. dan Yogyakarta, U.N., n.d. 0HWRGH , VRODVL GDQ , GHQWLÀNDVL 6WUXNWXU 6HQ \ DZD 2UJDQLN % DKDQ \$ ODP 53–61.

- Kumar, V., Ahmed, D., Gupta, P.S., Anwar, F., dan Mujeeb, M., 2013. activities of *Melastoma malabathricum* Linn . leaves in streptozotocin induced diabetic rats 1–19.
- Li, P., Zhu, J., Qin, Y., 2012. Enhanced Attraction of *Plutella xylostella* (Lepidoptera : Plutellidae) to Pheromone-Baited Traps With the Addition of Green Leaf Volatiles. *J Econ Entomol.* Aug;105(4):1149-56
- Mascarenhas, M.N., Flaxman, S.R., Boerma, T., Vanderpoel, S., dan Stevens, G.A., 2012. National , Regional , and Global Trends in Infertility Prevalence Since 1990 : A Systematic Analysis of 277 Health Surveys **9**: 1–12.
- Mescher, A. L., 2012. *Histologi Dasar Junqueira Teks and Atlas Edisi 12*, Jakarta, EGC.
- Molander, M.A., 2018. Identification of the Aggregation-sex Pheromone of the Cerambycid Beetle *Phymatodes pusillus* ssp . *pusillus* and Evidence of a Synergistic Effect from a Heterospecific Pheromone Component 987–998.
- Murod, A.M., Kedokteran, F., Ilmu, D.A.N., dan Farmasi, P.S., 2014. *UIN SYARIF HIDAYATULLAH JAKARTA Uji Aktivitas Ekstrak Air Herba Kemangi*.
- Muryono, W., 2014. Napak Jejak Pemikiran Sunan Muria Dari Ekoreligi Hingga Akidah Muttahidah. LPS Fikro Ponpes Darul Falah Jekulo. Kudus.
- Niswah, L., 2014. Uji Aktivitas Antibakteri Dari Ekstrak Buah Parijoto (*Medinilla Speciosa* Blume) Menggunakan Metode Difusi Cakram. *Skripsi Program Studi Farmasi Fakultas Kedokteran dan Ilmu Kesehatan Universitas Islam Negeri Syarif Hidayatullah Jakarta*, 12–54.
- Patel, V., Ray, D., Singh, K., Abezgauz, L., Marangoni, G., Aswal, V.K., dkk., 2015. 1-Hexanol triggered structural characterization of the worm-like micelle to vesicle transitions in cetyltrimethylammonium tosylate solutions. *RSC Advances*, **5**: 87758–87768.
- Paturusi, A. A. E., Nurafianty, Rusli, & Rahim, A. (2014). Isolasi dan Identifikasi Senyawa

Antibakteri Ekstrak N-Heksan Daun Jati (*Tectona grandis* L.F). *Jf Fik Uinam*, 2(1), 18–

23.

Ranawat, P., Khanduja, K.L., dan Pathak, C.M., 2014. Resveratrol - an ingredient of red wine abrogates the reproductive capacity in male mice. *Andrologia*, **46**: 650–658.

Rizal, D. M., 2015. Kajian Terhadap Ekspresi Receptor Advanced Glycation End Products (RAGE), EKSPRESI ENZIM SIKLOOKSIGENASE-2 (COX-2) Dan Kadar Testosteron Kultur Sel Leydig Tikus Sprague Dawley yang Diinduksi Advanced Glycation End Products dan Diinkubasi Dengan Gamma Mangostin. *Disertasi*. Program Doktor Ilmu Kedokteran dan Kesehatan. Fakultas Kedokteran Universitas Gadjah Mada. Yogyakarta.

Rizal, D.M., Fauzi, A.R., dan Rustamaji, 2019. Effect of gamma-mangostin on testosterone levels in Leydig cell culture of Sprague-Dawley rat induced by advanced glycation end products: A preliminary study. *BMC Proceedings*, **13**: 1–7.

Sa'Adah, N.N., Nurhayati, A.P.D., dan Purwani, K.I., 2018. Antihyperlipidemic and anti-obesity effects of the methanolic extract of parijoto (*Medinilla speciosa*). *AIP Conference Proceedings*, **2002**: .

Sa'Adah, N.N., Purwani, K.I., Nurhayati, A.P.D., dan Ashuri, N.M., 2017. Analysis of lipid profile and atherogenic index in hyperlipidemic rat (*Rattus norvegicus* Berkenhout, 1769) that given the methanolic extract of Parijoto (*Medinilla speciosa*). *AIP Conference Proceedings*, **1854**: .

Samudra, I.M., 2018. Feromon Serangga dan Aplikasinya untuk Pengendalian Serangga Hama. *Pemanfaatan SDG dan Bioteknologi untuk Mendukung Pertanian Berkelanjutan*, 481–496.

Sariroh, Z., 2020. Parijoto dari Masa ke Masa. *Paradigma*. No 1. Tahun XXII. Desember 2020

Susetyarini, R.E., 2009. EFEK SENYAWA AKTIF DAUN BELUNTAS TERHADAP KADAR TESTOTERON TIKUS PUTIH (*Rattus norvegicus*) JANTAN. *Gamma*, **5**: 21–

- Susilawati, T., 2011. *Spermatologi*. Universitas Brawijaya Press, Malang.
- Tao, H., Yao, D., Jun, L., dan Fang, Z., 2022. Host - plant volatiles enhance the attraction of *Cnaphalocrocis medinalis* (Lepidoptera : Crambidae) to sex pheromone. *Chemoecology*, **32**: 129–138.
- Tarkowská, D., 2019. Plants are capable of synthesizing animal steroid hormones. *Molecules*, **24**: 1–13.
- Tunc, O., 2010. “ INVESTIGATION OF THE ROLE OF OXIDATIVE STRESS IN MALE INFERTILITY .”
- Tusanti, I., Johan, A., dan Kisdjamiatun, R., 2014. Sitotoksisitas in vitro ekstrak etanolik buah parijoto (*Medinilla speciosa*, reinw.ex bl.) terhadap sel kanker payudara T47D. *Jurnal Gizi Indonesia (The Indonesian Journal of Nutrition)*, **2**: 53–58.
- Verdiana, M., Widarta, I.W.R., Gede, I.D., dan Permana, M., 2018. GELOMBANG ULTRASONIK TERHADAP AKTIVITAS ANTIOKSIDAN EKSTRAK KULIT BUAH LEMON (*Citrus limon* (Linn .) Burm F .) **7**: 213–222.
- Vifta dan Dian, 2018. Skrining Fitokimia , Karakterisasi , dan Penentuan Kadar Flavonoid Total Ekstrak dan Fraksi-Fraksi Buah Parijoto (*Medinilla speciosa* B .). *Prosiding Seminar Nasional Unimus*, **1**: 8–14.
- Wachidah, L.N., 2013. Uji Aktivitas Antioksidan Serta Penentuan Kandungan Fenolat Dan Flavonoid Total Dari Buah Parijoto (*Medinilla Speciosa* Blume). *Skripsi UIN Syarif Hidayatullah Jakarta*, 1–69.
- Wibisono, H., 2010. *Atlas Spermatologi*. PT. Refika Aditama, Bandung.
- Wijayanti, D. dan Ardigurnita, F., 2019. Potential of Parijoto (*Medinilla speciosa*) Fruits and Leaves in Male Fertility. *Animal Production*, **20**: 81.
- Wijayanti, R. dan Lestari, A.P., 2018. PENGARUH EKSTRAK ETANOLIK BUAH

PARIJOTO (*Medinilla speciosa* Blume) TERHADAP KADAR GULA DARAH DAN

FUNGSI 15: 1–7.

Wijayanti, R., Wahyuono, S., Sari, I.P., dan Rizal, D.M., 2020. *Stimulatory Effect of Methanolic Extract and N-Hexane Insoluble and Soluble Fraction of Parijoto Fruit (Medinilla Speciosa Blume) on the Spermatozoa Quantity of Male Sprague Dawley Rats*, Medical Technology and Environmental Health.

World Health, 2010. Examination and processing of human semen. *World Health, Edition, V*: 286.

World Health Organization, 2021. 'Infertilitas by WHO' *Infertility*. URL: <https://www.who.int/news-room/fact-sheets/detail/infertility>.

Abinaya, R., 2021. Isolation , Characterization and Biological Activities of Stigmasterol from Leaf Part of *Crescentia alata* Kunth (Bignoniaceae) **32**: 9–21.

Agarwal, A. dan Prabakaran, S.A., 2005. and prevention of oxidative stress in male reproductive physiology **43**: 963–974.

Agoes, G., 2009. *Teknologi Bahan Alam (Serial Farmasi Industri-2)*, Edisi Revi. ed. Penerbit ITB, Bandung.

Aizid, R., 2012. *Mengatasi Infertilitas (Kemandulan) Sejak Dini*. Buku Kita, Yogyakarta.

Anzila, I., M, A.P.W., Soewondo, A., dan Rahayu, S., 2017. Pengaruh Ekstrak Ethanol Kemangi (*Ocimum canum* Sims .) terhadap Struktur Histologi Testis Mencit (*Mus musculus*) Jantan **5**: 22–26.

Arini, L.A., 2021. The study of sex steroid hormone compound in green algae (Chlorophyta) for female fertility : A literature review The study of sex steroid hormone compound in green algae (Chlorophyta) for female fertility: A literature review. *Earth and Environmental Science*, **913**: 1–9.

Balamurugan, K., Sakthidevi, G., dan Mohan, V.R., 2013. Stimulatory effect of the ethanol

- extract of *Melastoma malabathricum* L. (Melastomataceae) leaf on the reproductive system of male albino rats. *Journal of Applied Pharmaceutical Science*, **3**: 160–165.
- Chairunnisa, S., Wartini, N.M., Suhendra, L., Pertanian, F.T., Udayana, U., dan Bukit, K., 2019. Pengaruh Suhu dan Waktu Maserasi terhadap Karakteristik Ekstrak Daun Bidara (*Ziziphus mauritiana* L.) sebagai Sumber Saponin **7**: 551–560.
- Chaudhary, J., 2011. Kaur et al. , **2**: 2259–2265.
- Dicky Moch Rizal, 2021. *Fisiologi Sistem Reproduksi Pria*. Gadjah Mada University Press, Yogyakarta.
- Djuwantono, T., Bayuaji, H., dan Permadi, W., 2012. Buku-Pengelolaan-Infertilitas.
- Ekaputri Hz, T.W., Sari, I.P., dan Rizal, D.M., 2018. The effect of ethanol extract of *Piper nigrum* L. fruit on reproductive system in adult male wistar rats: A study of FSH, LH, testosterone level and spermatogenic cells. *Indonesian Journal of Pharmacy*, **29**: 136–144.
- Enema, O., Umoh, F., Adesina, S., dan Eseyin, O.A., 2018. Chemistry and Pharmacology of Aphrodisiacs : A Review Available online www.jocpr.com Chemistry and Pharmacology of Aphrodisiac Plants : A Review Keywords : Sexuality ; Aphrodisiacs ; Health ; Phytochemicals ; Virility.
- Ferdian, A., Muslim, dan Fitriani, M., 2018. Masculinization of Betta Fish (*Betta sp.*) using Ginseng Root Extract (*Panax sp.*). *Jurnal Akuakultur Rawa Indonesia*, **5**: 1–12.
- Hanani, E., 2017. *Analisis Fitokimia*. Penerbit Buku Kedokteran EGC, Jakarta.
- Hanum, A.S., Prihastanti, E., dan Jumari, 2017. Ethnobotany of utilization, role, and philosophical meaning of parijoto (*Medinilla, spp*) on Mount Muria in Kudus Regency, Central Java. *AIP Conference Proceedings*, **1868**: .
- Ibrahim, A., Amr, A., Alessia, M.S., dan Fawzi, M., 2016. The Effect of the Coriander Seeds on Reproductive Parameter on Female Mice **5**: 31–34.

Jungwirth, A., Diemer, T., Dohle, G.R., Giwercman, A., Kopa, Z., Krausz, C., dkk., 2014. Male

Infertility.

Kamal, N., Clements, C., Gray, A.I., dan Edrada-Ebel, R.A., 2016. Anti-infective activities of secondary metabolites from *Vitex pinnata*. *Journal of Applied Pharmaceutical Science*, **6**: 102–106.

Kimia, J.P. dan Yogyakarta, U.N., n.d. 0HWRGH , VRODVL GDQ , GHQWLÀNDVL 6WUXNWXU 6HQ \ DZD 2UJDQLN % DKDQ \$ ODP 53–61.

Kumar, V., Ahmed, D., Gupta, P.S., Anwar, F., dan Mujeeb, M., 2013. activities of *Melastoma malabathricum* Linn . leaves in streptozotocin induced diabetic rats 1–19.

Li, P. dan Zhu, J., 2012. Enhanced Attraction of *Plutella xylostella* (Lepidoptera : Plutellidae) to Pheromone-Baited Traps With the Addition of Green Leaf Volatiles **10**: .

Mascarenhas, M.N., Flaxman, S.R., Boerma, T., Vanderpoel, S., dan Stevens, G.A., 2012. National , Regional , and Global Trends in Infertility Prevalence Since 1990 : A Systematic Analysis of 277 Health Surveys **9**: 1–12.

Molander, M.A., 2018. Identification of the Aggregation-sex Pheromone of the Cerambycid Beetle *Phymatodes pusillus* ssp . *pusillus* and Evidence of a Synergistic Effect from a Heterospecific Pheromone Component 987–998.

Murod, A.M., Kedokteran, F., Ilmu, D.A.N., dan Farmasi, P.S., 2014. *UIN SYARIF HIDAYATULLAH JAKARTA Uji Aktivitas Ekstrak Air Herba Kemangi* (

Niswah, L., 2014. Uji Aktivitas Antibakteri Dari Ekstrak Buah Parijoto (*Medinilla Speciosa* Blume) Menggunakan Metode Difusi Cakram. *Skripsi Program Studi Farmasi Fakultas Kedokteran dan Ilmu Kesehatan Universitas Islam Negeri Syarif Hidayatullah Jakarta*, 12–54.

Patel, V., Ray, D., Singh, K., Abezgauz, L., Marangoni, G., Aswal, V.K., dkk., 2015. 1-Hexanol triggered structural characterization of the worm-like micelle to vesicle

- transitions in cetyltrimethylammonium tosylate solutions. *RSC Advances*, **5**: 87758–87768.
- Ranawat, P., Khanduja, K.L., dan Pathak, C.M., 2014. Resveratrol - an ingredient of red wine abrogates the reproductive capacity in male mice. *Andrologia*, **46**: 650–658.
- Rizal, D.M., Fauzi, A.R., dan Rustamaji, 2019. Effect of gamma-mangostin on testosterone levels in Leydig cell culture of Sprague-Dawley rat induced by advanced glycation end products: A preliminary study. *BMC Proceedings*, **13**: 1–7.
- Sa'Adah, N.N., Nurhayati, A.P.D., dan Purwani, K.I., 2018. Antihyperlipidemic and anti-obesity effects of the methanolic extract of parijoto (*Medinilla speciosa*). *AIP Conference Proceedings*, **2002**: .
- Sa'Adah, N.N., Purwani, K.I., Nurhayati, A.P.D., dan Ashuri, N.M., 2017. Analysis of lipid profile and atherogenic index in hyperlipidemic rat (*Rattus norvegicus* Berkenhout, 1769) that given the methanolic extract of Parijoto (*Medinilla speciosa*). *AIP Conference Proceedings*, **1854**: .
- Samudra, I.M., 2018. Feromon Serangga dan Aplikasinya untuk Pengendalian Serangga Hama. *Pemanfaatan SDG dan Bioteknologi untuk Mendukung Pertanian Berkelanjutan*, 481–496.
- Susetyarini, R.E., 2009. EFEK SENYAWA AKTIF DAUN BELUNTAS TERHADAP KADAR TESTOTERON TIKUS PUTIH (*Ratus norwegicus*) JANTAN. *Gamma*, **5**: 21–27.
- Susilawati, T., 2011. *Spermatologi*. Universitas Brawijaya Press, Malang.
- Tao, H., Yao, D., Jun, L., dan Fang, Z., 2022. Host - plant volatiles enhance the attraction of *Cnaphalocrocis medinalis* (Lepidoptera : Crambidae) to sex pheromone. *Chemoecology*, **32**: 129–138.
- Tarkowská, D., 2019. Plants are capable of synthesizing animal steroid hormones. *Molecules*,

- Tunc, O., 2010. “ INVESTIGATION OF THE ROLE OF OXIDATIVE STRESS IN MALE INFERTILITY .”
- Tusanti, I., Johan, A., dan Kisdjamiatun, R., 2014. Sitotoksitas in vitro ekstrak etanolik buah parijoto (*Medinilla speciosa*, reinw.ex bl.) terhadap sel kanker payudara T47D. *Jurnal Gizi Indonesia (The Indonesian Journal of Nutrition)*, **2**: 53–58.
- Verdiana, M., Widarta, I.W.R., Gede, I.D., dan Permana, M., 2018. GELOMBANG ULTRASONIK TERHADAP AKTIVITAS ANTIOKSIDAN EKSTRAK KULIT BUAH LEMON (*Citrus limon* (Linn .) Burm F .) **7**: 213–222.
- Vifta dan Dian, 2018. Skrining Fitokimia , Karakterisasi , dan Penentuan Kadar Flavonoid Total Ekstrak dan Fraksi-Fraksi Buah Parijoto (*Medinilla speciosa* B .). *Prosiding Seminar Nasional Unimus*, **1**: 8–14.
- Wachidah, L.N., 2013. Uji Aktivitas Antioksidan Serta Penentuan Kandungan Fenolat Dan Flavonoid Total Dari Buah Parijoto (*Medinilla Speciosa* Blume). *Skripsi UIN Syarif Hidayatullah Jakarta*, 1–69.
- Wibisono, H., 2010. *Atlas Spermatologi*. PT. Refika Aditama, Bandung.
- Wijayanti, D. dan Ardigurnita, F., 2019. Potential of Parijoto (*Medinilla speciosa*) Fruits and Leaves in Male Fertility. *Animal Production*, **20**: 81.
- Wijayanti, R. dan Lestari, A.P., 2018. PENGARUH EKSTRAK ETANOLIK BUAH PARIJOTO (*Medinilla speciosa* Blume) TERHADAP KADAR GULA DARAH DAN FUNGSI **15**: 1–7.
- Wijayanti, R., Wahyuono, S., Sari, I.P., dan Rizal, D.M., 2020. *Stimulatory Effect of Methanolic Extract and N-Hexane Insoluble and Soluble Fraction of Parijoto Fruit (Medinilla Speciosa Blume) on the Spermatozoa Quantity of Male Sprague Dawley Rats*, Medical Technology and Environmental Health.

World Health, 2010. Examination and processing of human semen. *World Health, Edition, V*:

286.

World Health Organization, 2021. 'Infertilitas by WHO' *Infertility*. URL:

<https://www.who.int/news-room/fact-sheets/detail/infertility>.

Abinaya, R., 2021. Isolation , Characterization and Biological Activities of Stigmasterol from Leaf Part of *Crescentia alata* Kunth (Bignoniaceae) **32**: 9–21.

Agarwal, A. dan Prabakaran, S.A., 2005. and prevention of oxidative stress in male reproductive physiology **43**: 963–974.

Agoes, G., 2009. *Teknologi Bahan Alam (Serial Farmasi Industri-2)*, Edisi Revi. ed. Penerbit ITB, Bandung.

Aizid, R., 2012. *Mengatasi Infertilitas (Kemandulan) Sejak Dini*. Buku Kita, Yogyakarta.

Anzila, I., M, A.P.W., Soewondo, A., dan Rahayu, S., 2017. Pengaruh Ekstrak Ethanol Kemangi (*Ocimum canum* Sims .) terhadap Struktur Histologi Testis Mencit (*Mus musculus*) Jantan **5**: 22–26.

Arini, L.A., 2021. The study of sex steroid hormone compound in green algae (Chlorophyta) for female fertility : A literature review The study of sex steroid hormone compound in green algae (Chlorophyta) for female fertility: A literature review. *Earth and Environmental Science*, **913**: 1–9.

Balamurugan, K., Sakthidevi, G., dan Mohan, V.R., 2013. Stimulatory effect of the ethanol extract of *Melastoma malabathricum* L. (Melastomataceae) leaf on the reproductive system of male albino rats. *Journal of Applied Pharmaceutical Science*, **3**: 160–165.

Chairunnisa, S., Wartini, N.M., Suhendra, L., Pertanian, F.T., Udayana, U., dan Bukit, K., 2019. Pengaruh Suhu dan Waktu Maserasi terhadap Karakteristik Ekstrak Daun Bidara (*Ziziphus mauritiana* L .) sebagai Sumber Saponin **7**: 551–560.

Chaudhary, J., 2011. Kaur et al. , **2**: 2259–2265.



Dicky Moch Rizal, 2021. *Fisiologi Sistem Reproduksi Pria*. Gadjah Mada University Press, Yogyakarta.

Djuwantono, T., Bayuaji, H., dan Permadi, W., 2012. Buku-Pengelolaan-Infertilitas.

Ekaputri Hz, T.W., Sari, I.P., dan Rizal, D.M., 2018. The effect of ethanol extract of *Piper nigrum* L. fruit on reproductive system in adult male wistar rats: A study of FSH, LH, testosterone level and spermatogenic cells. *Indonesian Journal of Pharmacy*, **29**: 136–144.

Enema, O., Umoh, F., Adesina, S., dan Eseyin, O.A., 2018. Chemistry and Pharmacology of Aphrodisiacs : A Review Available online www.jocpr.com Chemistry and Pharmacology of Aphrodisiac Plants : A Review Keywords : Sexuality ; Aphrodisiacs ; Health ; Phytochemicals ; Virility.

Ferdian, A., Muslim, dan Fitriani, M., 2018. Masculinization of Betta Fish (*Betta sp .*) using Ginseng Root Extract (*Panax sp .*). *Jurnal Akuakultur Rawa Indonesia*, **5**: 1–12.

Hanani, E., 2017. *Analisis Fitokimia*. Penerbit Buku Kedokteran EGC, Jakarta.

Hanum, A.S., Prihastanti, E., dan Jumari, 2017. Ethnobotany of utilization, role, and philosophical meaning of parijoto (*Medinilla, spp*) on Mount Muria in Kudus Regency, Central Java. *AIP Conference Proceedings*, **1868**: .

Ibrahim, A., Amr, A., Alessia, M.S., dan Fawzi, M., 2016. The Effect of the Coriander Seeds on Reproductive Parameter on Female Mice **5**: 31–34.

Jungwirth, A., Diemer, T., Dohle, G.R., Giwercman, A., Kopa, Z., Krausz, C., dkk., 2014. Male Infertility.

Kamal, N., Clements, C., Gray, A.I., dan Edrada-Ebel, R.A., 2016. Anti-infective activities of secondary metabolites from *Vitex pinnata*. *Journal of Applied Pharmaceutical Science*, **6**: 102–106.

Kimia, J.P. dan Yogyakarta, U.N., n.d. 0HWRGH , VRODVL GDQ , GHQWLÀNDVL

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- Kumar, V., Ahmed, D., Gupta, P.S., Anwar, F., dan Mujeeb, M., 2013. activities of *Melastoma malabathricum* Linn . leaves in streptozotocin induced diabetic rats 1–19.
- Li, P. dan Zhu, J., 2012. Enhanced Attraction of *Plutella xylostella* (Lepidoptera : Plutellidae) to Pheromone-Baited Traps With the Addition of Green Leaf Volatiles **10**: .
- Mascarenhas, M.N., Flaxman, S.R., Boerma, T., Vanderpoel, S., dan Stevens, G.A., 2012. National , Regional , and Global Trends in Infertility Prevalence Since 1990 : A Systematic Analysis of 277 Health Surveys **9**: 1–12.
- Molander, M.A., 2018. Identification of the Aggregation-sex Pheromone of the Cerambycid Beetle *Phymatodes pusillus* ssp . *pusillus* and Evidence of a Synergistic Effect from a Heterospecific Pheromone Component 987–998.
- Murod, A.M., Kedokteran, F., Ilmu, D.A.N., dan Farmasi, P.S., 2014. *UIN SYARIF HIDAYATULLAH JAKARTA Uji Aktivitas Ekstrak Air Herba Kemangi* (.
- Niswah, L., 2014. Uji Aktivitas Antibakteri Dari Ekstrak Buah Parijoto (*Medinilla Speciosa* Blume) Menggunakan Metode Difusi Cakram. *Skripsi Program Studi Farmasi Fakultas Kedokteran dan Ilmu Kesehatan Universitas Islam Negeri Syarif Hidayatullah Jakarta*, 12–54.
- Patel, V., Ray, D., Singh, K., Abezgauz, L., Marangoni, G., Aswal, V.K., dkk., 2015. 1-Hexanol triggered structural characterization of the worm-like micelle to vesicle transitions in cetyltrimethylammonium tosylate solutions. *RSC Advances*, **5**: 87758–87768.
- Ranawat, P., Khanduja, K.L., dan Pathak, C.M., 2014. Resveratrol - an ingredient of red wine abrogates the reproductive capacity in male mice. *Andrologia*, **46**: 650–658.
- Rizal, D.M., Fauzi, A.R., dan Rustamaji, 2019. Effect of gamma-mangostin on testosterone levels in Leydig cell culture of Sprague-Dawley rat induced by advanced glycation end

products: A preliminary study. *BMC Proceedings*, **13**: 1–7.

- Sa'Adah, N.N., Nurhayati, A.P.D., dan Purwani, K.I., 2018. Antihyperlipidemic and anti-obesity effects of the methanolic extract of parijoto (*Medinilla speciosa*). *AIP Conference Proceedings*, **2002**: .
- Sa'Adah, N.N., Purwani, K.I., Nurhayati, A.P.D., dan Ashuri, N.M., 2017. Analysis of lipid profile and atherogenic index in hyperlipidemic rat (*Rattus norvegicus* Berkenhout, 1769) that given the methanolic extract of Parijoto (*Medinilla speciosa*). *AIP Conference Proceedings*, **1854**: .
- Samudra, I.M., 2018. Feromon Serangga dan Aplikasinya untuk Pengendalian Serangga Hama. *Pemanfaatan SDG dan Bioteknologi untuk Mendukung Pertanian Berkelanjutan*, 481–496.
- Susetyarini, R.E., 2009. EFEK SENYAWA AKTIF DAUN BELUNTAS TERHADAP KADAR TESTOTERON TIKUS PUTIH (*Ratus norvegicus*) JANTAN. *Gamma*, **5**: 21–27.
- Susilawati, T., 2011. *Spermatologi*. Universitas Brawijaya Press, Malang.
- Tao, H., Yao, D., Jun, L., dan Fang, Z., 2022. Host - plant volatiles enhance the attraction of *Cnaphalocrocis medinalis* (Lepidoptera : Crambidae) to sex pheromone. *Chemoecology*, **32**: 129–138.
- Tarkowská, D., 2019. Plants are capable of synthesizing animal steroid hormones. *Molecules*, **24**: 1–13.
- Tunc, O., 2010. “ INVESTIGATION OF THE ROLE OF OXIDATIVE STRESS IN MALE INFERTILITY .”
- Tusanti, I., Johan, A., dan Kisdjamiatun, R., 2014. Sitotoksisitas in vitro ekstrak etanolik buah parijoto (*Medinilla speciosa*, reinw.ex bl.) terhadap sel kanker payudara T47D. *Jurnal Gizi Indonesia (The Indonesian Journal of Nutrition)*, **2**: 53–58.

- Verdiana, M., Widarta, I.W.R., Gede, I.D., dan Permana, M., 2018. GELOMBANG ULTRASONIK TERHADAP AKTIVITAS ANTIOKSIDAN EKSTRAK KULIT BUAH LEMON (*Citrus limon* (Linn .) Burm F .) **7**: 213–222.
- Vifta dan Dian, 2018. Skrining Fitokimia , Karakterisasi , dan Penentuan Kadar Flavonoid Total Ekstrak dan Fraksi-Fraksi Buah Parijoto (*Medinilla speciosa* B .). *Prosiding Seminar Nasional Unimus*, **1**: 8–14.
- Wachidah, L.N., 2013. Uji Aktivitas Antioksidan Serta Penentuan Kandungan Fenolat Dan Flavonoid Total Dari Buah Parijoto (*Medinilla Speciosa* Blume). *Skripsi UIN Syarif Hidayatullah Jakarta*, 1–69.
- Wibisono, H., 2010. *Atlas Spermatologi*. PT. Refika Aditama, Bandung.
- Wijayanti, D. dan Ardigurnita, F., 2019. Potential of Parijoto (*Medinilla speciosa*) Fruits and Leaves in Male Fertility. *Animal Production*, **20**: 81.
- Wijayanti, R. dan Lestari, A.P., 2018. PENGARUH EKSTRAK ETANOLIK BUAH PARIJOTO (*Medinilla speciosa* Blume) TERHADAP KADAR GULA DARAH DAN FUNGSI **15**: 1–7.
- Wijayanti, R., Wahyuono, S., Sari, I.P., dan Rizal, D.M., 2020. *Stimulatory Effect of Methanolic Extract and N-Hexane Insoluble and Soluble Fraction of Parijoto Fruit (Medinilla Speciosa Blume) on the Spermatozoa Quantity of Male Sprague Dawley Rats*, Medical Technology and Environmental Health.
- World Health, 2010. Examination and processing of human semen. *World Health, Edition*, **V**: 286.
- World Health Organization, 2021. 'Infertilitas by WHO' *Infertility*. URL: <https://www.who.int/news-room/fact-sheets/detail/infertility>.