

5/28/25, 11:36 AM

INDEXING

Keywords

Language

SUPPORTING AGENCIES

Personalized Premenstrual Symptom

Agencies

REFERENCES

References

[1] F. Liguori, E. Saraiello, and P. Calella, "Premenstrual Syndrome and Premenstrual Dysphoric Disorder's Impact on Quality of Life, and the Role of Physical Activity," Medicina (Mex.), vol. 59, no. 11, Art. no. 11, Nov. 2023, doi: 10.3390/medicina59112044.

AI for Healthcare; Depressive Crisis Risk Monitoring; Medical Data Analytics; Medical Informatics;

[2] K. A. Yonkers, P. S. O'Brien, and E. Eriksson, "Premenstrual syndrome," The Lancet, vol. 371, no. 9619, pp. 1200–1210, Apr. 2008, doi: 10.1016/S0140-6736(08)60527-9.

[3] N. Eshetu et al., "Premenstrual syndrome, coping mechanisms and associated factors among Wolkite university female regular students, Ethiopia, 2021," BMC Womens Health, vol. 22, no. 1, p. 88, Mar. 2022, doi: 10.1186/s12905-022-01658-5.

[4] J. Hoyer et al., "Menstrual Cycle Phase Modulates Emotional Conflict Processing in Women with and without Premenstrual Syndrome (PMS) – A Pilot Study," PLOS ONE, vol. 8, no. 4, p. e59780, Apr. 2013, doi: 10.1371/journal.pone.0059780.

[5] A. J. Rapkin and S. A. and Winer, "Premenstrual syndrome and premenstrual dysphoric disorder: quality of life and burden of illness," Expert Rev. Pharmacoecon. Outcomes Res., vol. 9, no. 2, pp. 157–170, Apr. 2009, doi: 10.1586/erp.09.14.

[6] H. Farrokh-Eslamlou, S. Oshnouei, B. Heshmatian, and E. Akbari, "Premenstrual syndrome and quality of life in Iranian medical students," Sex. Reprod. Healthc., vol. 6, no. 1, pp. 23–27, Mar. 2015, doi: 10.1016/j.srhc.2014.06.009.

[7] K. Schmelzer, Ditzen ,Beate, Weise ,Cornelia, Andersson ,Gerhard, Hiller ,Wolfgang, and M. and Kleinstäuber, "Clinical Profiles of Premenstrual Experiences Among Women Having Premenstrual Syndrome (PMS): Affective Changes Predominate and Relate to Social and Occupational Functioning," Health Care Women Int., vol. 36, no. 10, pp. 1104–1123, Oct. 2015, doi: 10.1080/07399332.2014.954701.

[8] L. Barry, "Social workers' knowledge of premenstrual syndrome (PMS) and premenstrual dysphoric disorder (PMDD): implications for assessment practices with mothers," doctoral, Memorial University of Newfoundland, 2016. Accessed: May 26, 2025. [Online]. Available: https://research.library.mun.ca/12402/

[9] Y. Park, A. Murphy, and D. Cezar da Cruz, "Occupational participation and engagement of woman experiencing premenstrual syndrome: A qualitative study," Br. J. Occup. Ther., vol. 86, no. 9, pp. 639–647, Sep. 2023, doi: 10.1177/03080226231174792.

[10] N. Buddhabunyakan, Kaewrudee ,Srinaree, Chongsomchai ,Chompilas, Soontrapa ,Sukree, Somboonporn ,Woraluk, and J. and Sothornwit, "Premenstrual syndrome (PMS) among high school students," Int. J. Womens Health, vol. 9, pp. 501–505, Jul. 2017, doi: 10.2147/IJWH.S140679.

[11] B. Butsripoom, S. Hanucharurnkul, M. Arpanantikul, W. Choktanasiri, T. Vorapongsathorn, and N. Sinsuksai, "Premenstrual Syndrome among Thai Nurses: Prevalence, Impact and Selfmanagement Strategies," Pac. Rim Int. J. Nurs. Res., vol. 13, no. 4, Art. no. 4, 2009.

[12] J. January, M. Madhombiro, S. Chipamaunga, S. Ray, A. Chingono, and M. Abas, "Prevalence of depression and anxiety among undergraduate university students in low- and middle-income countries: a systematic review protocol.," Syst. Rev., vol. 7, no. 1, p. 57, Apr. 2018, doi: 10.1186/s13643-018-0723-8.

[13] W. S. Nuankaew, P. Nasa-Ngium, P. Enkvetchakul, and P. Nuankaew, "A Predictive Model for Depression Risk in Thai Youth during COVID-19," J. Adv. Inf. Technol., vol. 13, no. 5, pp. 450–455, Oct. 2022, doi: 10.12720/jait.13.5.450-455.

[14] G. M. Slavich and J. Sacher, "Stress, sex hormones, inflammation, and major depressive disorder: Extending Social Signal Transduction Theory of Depression to account for sex differences in mood disorders," Psychopharmacology (Berl.), vol. 236, no. 10, pp. 3063–3079, Oct. 2019, doi: 10.1007/s00213-019-05326-9.

[15] W. C. FRSPH, "The global crisis of depression: the low of the 21st century?," Perspect. Public Health, vol. 135, no. 2, p. 62, 2015.

[16] M. S. Reddy, "Depression – The Global Crisis," Indian J. Psychol. Med., vol. 34, no. 3, pp. 201–203, Jul. 2012, doi: 10.4103/0253-7176.106011.

[17] J. Bantjes, X. Hunt, and D. J. Stein, "Anxious, Depressed, and Suicidal: Crisis Narratives in University Student Mental Health and the Need for a Balanced Approach to Student Wellness," Int. J. Environ. Res. Public. Health, vol. 20, no. 6, Art. no. 6, Jan. 2023, doi: 10.3390/ijerph20064859.

[18] P. Boonmongkon, M. Nichter, and J. Pylypa, "Mot Luuk problems in northeast Thailand: why women's own health concerns matter as much as disease rates," Soc. Sci. Med., vol. 53, no. 8, pp. 1095–1112, Oct. 2001, doi: 10.1016/S0277-9536(00)00404-4.

[19] P. Nuankaew, J. Sorat, J. Intajak, J. Inta, and W. S. Nuankaew, "AI for Healthcare: A Classification Model for Personalized Premenstrual Symptoms and Depressive Crisis Risk Tracking Using Data Analytics and Machine Learning," in 2025 Joint International Conference on Digital Arts, Media and Technology with ECTI Northern Section Conference on Electrical, Electronics, Computer and Telecommunications Engineering (ECTI DAMT & NCON), Jan. 2025, pp. 299–304. doi: 10.1109/ECTIDAMTNCON64748.2025.10962042.

[20] R. P. Auerbach et al., "WHO World Mental Health Surveys International College Student Project: Prevalence and distribution of mental disorders," J. Abnorm. Psychol., vol. 127, no. 7, pp. 623–638, 2018, doi: 10.1037/abn0000362.

[21] "World mental health report: Transforming mental health for all." Accessed: May 26, 2025. [Online]. Available: https://www.who.int/publications//item/9789240049338

[22] D. Edge, E. Watkins, A. Newbold, T. Ehring, M. Frost, and T. Rosenkranz, "Evaluating the Effects of a Self-Help Mobile Phone App on Worry and Rumination Experienced by Young Adults: Randomized Controlled Trial," JMIR MHealth UHealth, vol. 12, no. 1, p. e51932, Aug. 2024, doi: 10.2196/51932.

[23] C. N. Epperson et al., "Premenstrual dysphoric disorder: evidence for a new category for DSM-5," Am. J. Psychiatry, vol. 169, no. 5, pp. 465–475, May 2012, doi: 10.1176/appi.ajp.2012.11081302.

[24] C. Rauschenberg et al., "Living lab AI4U - Artificial Intelligence for personalized digital mental health promotion in youth," Sep. 2024, doi: 10.17605/OSF.IO/YE287.

#881 Summary

Open Access Statement

- Plagiarism Policy
- Licensing Terms

Copyright Statement

Contact

JOURNAL METRICS

Acceptance Rate: 43%

Review Speed: 64 days

Issue Per Year:

Number of Volumes:

Number of Issues: 18

Number of Articles: 253

Number of Reviewers:

Number of Contributors:

Contributing Countries: 28

No. of WoS Citations: 59

No. of Scopus Citations: 233

No. of Google Citations:

Abstract Views: 103.817

PDF Download: 53,117

Last updated: Dec 19, 2024

TEMPLATE



VISITOR STATS

Visitors

ID 34,762	MY 2,785
🚢 IN 7,500	🚬 рн 1,808
sg 6,138	든 CN 1,766
US 5,950	GB 1,763
VN 2,902	тн 1,715
Pageviews: 336,499	
FLAG counter	

#881 Summary

[25] M. Milne-Ives, C. Lam, C. De Cock, M. H. Van Velthoven, and E. Meinert, "Mobile Apps for Health Behavior Change in Physical Activity, Diet, Drug and Alcohol Use, and Mental Health: Systematic Review," JMIR MHealth UHealth, vol. 8, no. 3, p. e17046, Mar. 2020, doi: 10.2196/17046.

[26] C. Montag, C. Sindermann, and H. Baumeister, "Digital phenotyping in psychological and medical sciences: a reflection about necessary prerequisites to reduce harm and increase benefits," Curr. Opin. Psychol., vol. 36, pp. 19–24, Dec. 2020, doi: 10.1016/j.copsyc.2020.03.013.

[27] A. B. R. Shatte, D. M. Hutchinson, and S. J. Teague, "Machine learning in mental health: a scoping review of methods and applications," Psychol. Med., vol. 49, no. 9, pp. 1426–1448, Jul. 2019, doi: 10.1017/S0033291719000151.

[28] E. E. Lee et al., "Artificial Intelligence for Mental Healthcare: Clinical Applications, Barriers, Facilitators, and Artificial Wisdom," Biol. Psychiatry Cogn. Neurosci. Neuroimaging, vol. 6, no. 9, pp. 856–864, Sep. 2021, doi: 10.1016/j.bpsc.2021.02.001.

[29] G. Gutierrez, C. Stephenson, J. Eadie, K. Asadpour, and N. Alavi, "Examining the role of AI technology in online mental healthcare: opportunities, challenges, and implications, a mixed-methods review," Front. Psychiatry, vol. 15, May 2024, doi: 10.3389/fpsyt.2024.1356773.

[30] O. P. Singh, "Artificial intelligence in the era of ChatGPT - Opportunities and challenges in mental health care," Indian J. Psychiatry, vol. 65, no. 3, p. 297, Mar. 2023, doi: 10.4103/indianjpsychiatry.indianjpsychiatry_112_23.



Journal of Applied Data Sciences

- ISSN : 2723-6471 (Online) Email
- Organized by
 Computer Science and Systems Information Technology, King Abdulaziz University, Kingdom of Saudi Arabia.

 Website
 : http://bright-journal.org/JADS
 - - : taqwa@amikompurwokerto.ac.id (principal contact) support@bright-journal.org (technical issues)

This work is licensed under a Creative Commons Attribution-ShareAlike 4.0