



sci-hub

to open science

↓ Google Scholar

↓ save

Piber, Dominique; Eisenberger, Naomi I.;
Olmstead, Richard; Cho, Joshua H.; Breen,
Elizabeth C.; Boyle, Chloe C.; Karmarkar,
Ellora; Guzman, Miguel; Kim, Haesoo; Irwin,
Michael R. (2020). *Sleep, Inflammation, and
Perception of Sad Facial Emotion: A
Laboratory-Based Study in Older Adults.*
Brain, Behavior, and Immunity, (),
S088915912030369X–.
doi:10.1016/j.bbi.2020.06.011

url to share this paper:

<https://scihubtw.tw/10.1016/j.bbi.2020.06.011>

Sci-Hub is a project
to make knowledge free.

[support →](#)

[updates on twitter](#)