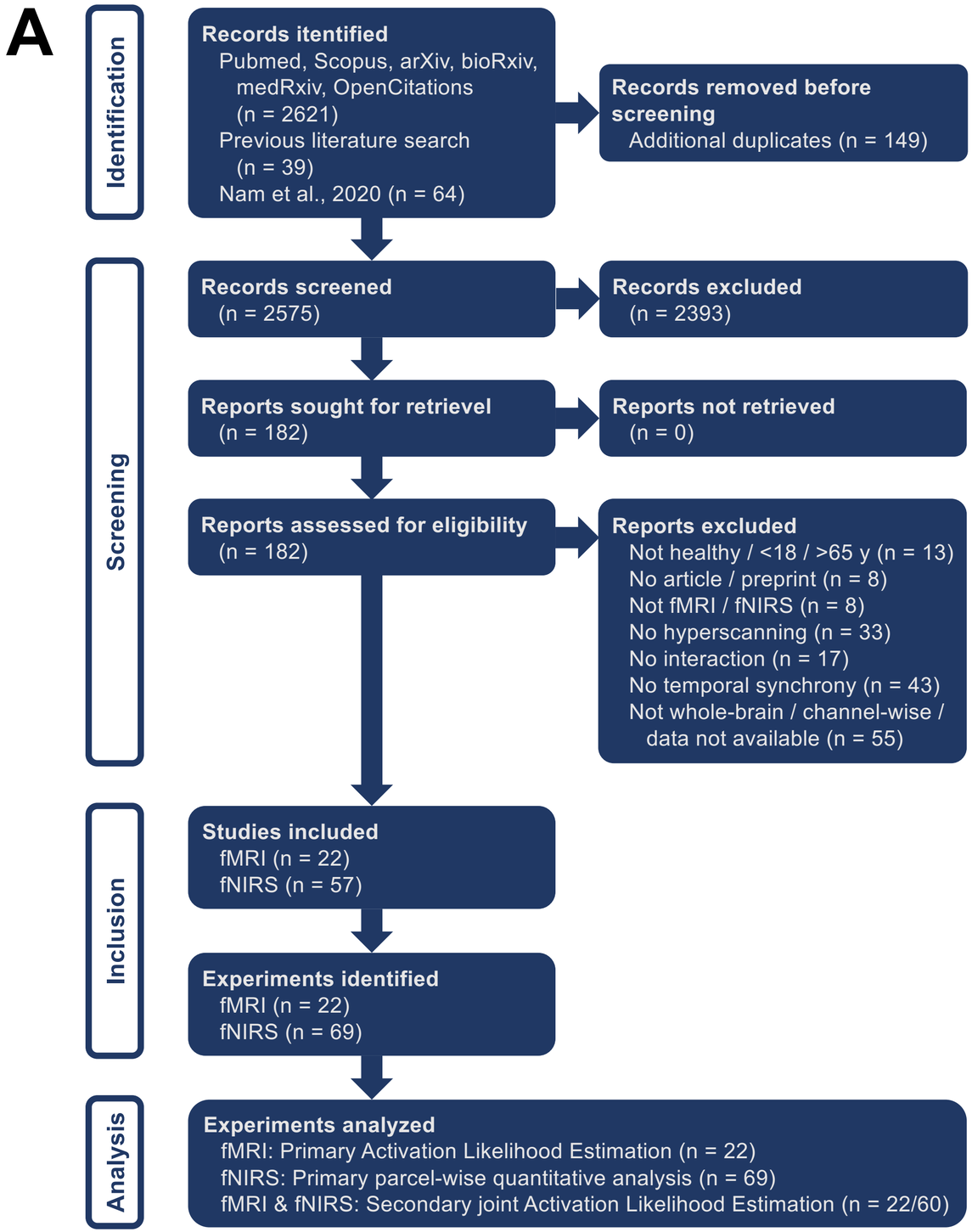
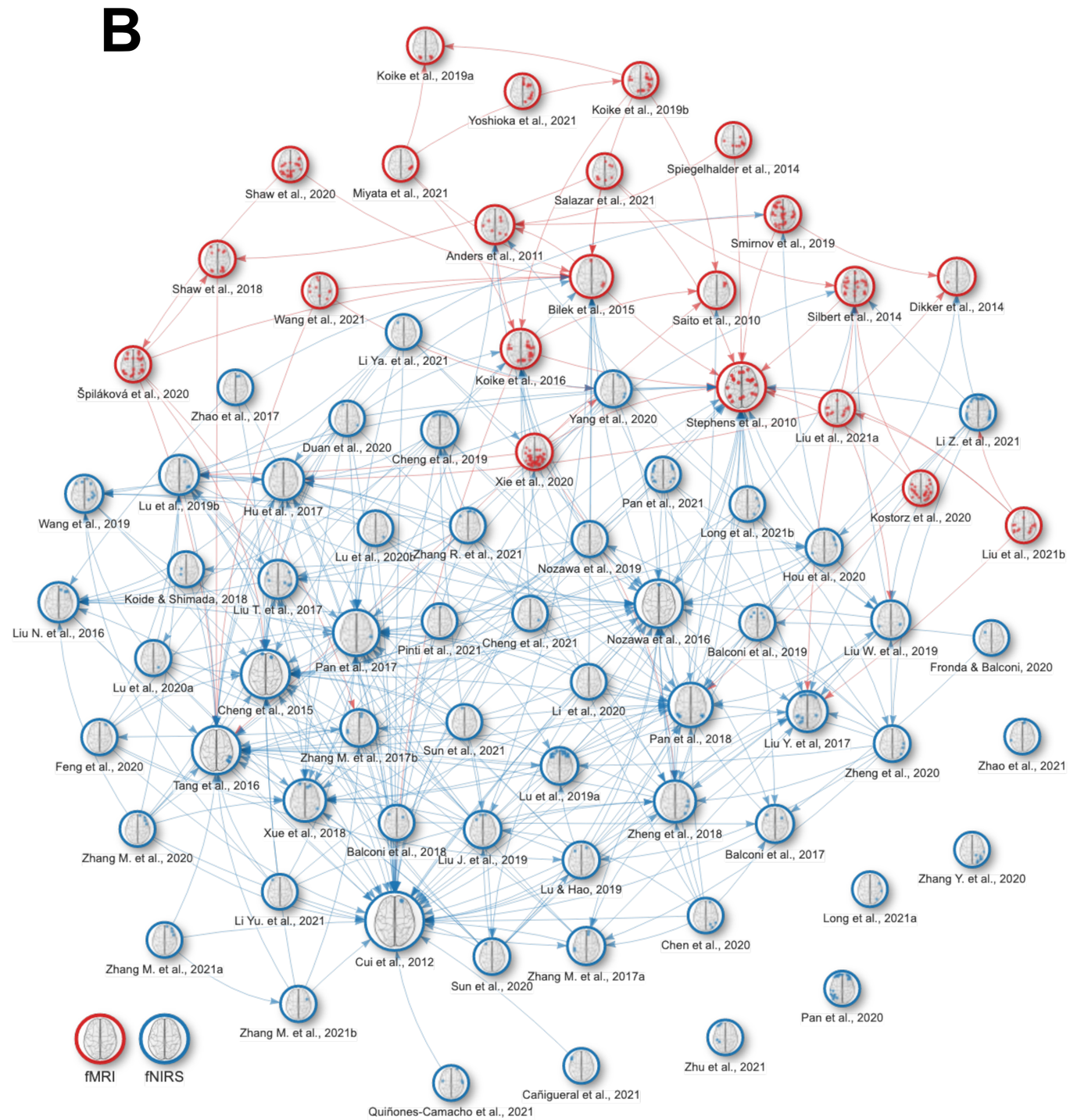

A
Identification
Records itentified
Pubmed, Scopus, arXiv, bioRxiv, medRxiv, OpenCitations (n = 2621)
Previous literature search (n = 39)
Nam et al., 2020 (n = 64)
Records removed before screening
Additional duplicates (n = 149)
Screening
Records screened
(n = 2575)
Records excluded
(n = 2393)
Reports sought for retrievel
(n = 182)
Reports not retrieved
(n = 0)
Reports assessed for eligibility
(n = 182)
Reports excluded
Not healthy / <18 / >65 y (n = 13)
No article / preprint (n = 8)
Not fMRI / fNIRS (n = 8)
No hyperscanning (n = 33)
No interaction (n = 17)
No temporal synchrony (n = 43)
Not whole-brain / channel-wise / data not available (n = 55)
Inclusion
Studies included
fMRI (n = 22)
fNIRS (n = 57)
Experiments identified
fMRI (n = 22)
fNIRS (n = 69)
Analysis
Experiments analyzed
fMRI: Primary Activation Likelihood Estimation (n = 22)
fNIRS: Primary parcel-wise quantitative analysis (n = 69)
fMRI & fNIRS: Secondary joint Activation Likelihood Estimation (n = 22/60)


B
Koike et al., 2019a
Koike et al., 2019b
Yoshioka et al., 2021
Spiegelhalder et al., 2014
Shaw et al., 2020
Miyata et al., 2021
Salazar et al., 2021
Anders et al., 2011
Smirnov et al., 2019
Shaw et al., 2018
Wang et al., 2021
Bilek et al., 2015
Saito et al., 2010
Silbert et al., 2014
Dikker et al., 2014
Li Ya. et al., 2021
Koike et al., 2016
Špiláková et al., 2020
Zhao et al., 2017
Yang et al., 2020
Stephens et al., 2010
Liu et al., 2021a
Li Z. et al., 2021
Duan et al., 2020
Cheng et al., 2019
Xie et al., 2020
Pan et al., 2021
Wang et al., 2019
Lu et al., 2019b
Hu et al., 2017
Long et al., 2021b
Kostorz et al., 2020
Liu et al., 2021b
Lu et al., 2020b
Zhang R. et al., 2021
Nozawa et al., 2019
Hou et al., 2020
Koide & Shimada, 2018
Liu T. et al., 2017
Liu N. et al., 2016
Pinti et al., 2021
Cheng et al., 2021
Nozawa et al., 2016
Balconi et al., 2019
Liu W. et al., 2019
Fronda & Balconi, 2020
Lu et al., 2020a
Pan et al., 2017
Cheng et al., 2015
Li et al., 2020
Pan et al., 2018
Liu Y. et al., 2017
Zheng et al., 2020
Zhao et al., 2021
Feng et al., 2020
Zhang M. et al., 2017b
Sun et al., 2021
Tang et al., 2016
Lu et al., 2019a
Xue et al., 2018
Zheng et al., 2018
Balconi et al., 2017
Zhang M. et al., 2020
Balconi et al., 2018
Liu J. et al., 2019
Zhang Y. et al., 2020
Lu & Hao, 2019
Long et al., 2021a
Li Yu. et al., 2021
Chen et al., 2020
Zhang M. et al., 2021a
Cui et al., 2012
Sun et al., 2020
Zhang M. et al., 2017a
Pan et al., 2020
Zhang M. et al., 2021b
Zhu et al., 2021
Cañigueral et al., 2021
Quiñones-Camacho et al., 2021
fMRI
fNIRS