

## Publications

### Articles ACL

1. Ballot, C., Robert, C., Dujardin, E., **Mathey, S.** (2023). Effects of lexical skills and orthographic neighborhood size in word memory. *Memory & Cognition*. DOI: 10.3758/s13421-023-01487-3
2. Brunel, J., Delord, S., & **Mathey, S.** (2023). Hypnotic Suggestion Modulates Visual Recognition of Negative Words Depending on Word Arousal. *Consciousness and Cognition*, 115, 1–8. <https://doi.org/10.1016/j.concog.2023.103569>
3. Brunel, J., **Mathey, S.**, Colombani, S., & Delord, S. (2023). Modulation of attentional bias by hypnotic suggestion: Experimental evidence from an emotional Stroop task. *Cognition and Emotion*, 37(3), 1–15. <https://doi.org/10.1080/02699931.2022.2162483>
4. Camblats, A.-M., **Mathey, S.**, Robert, C., Estival, S., Chevalère, J., Maire, J., Tauber, M., Laurier, V., Tricot, J., Mourre, F., & Postal, V. (2023) Interference effect of food and emotional stimuli in Stroop-like tasks for children and adults with Prader-Willi Syndrome. *Journal of Clinical and Experimental Neuropsychology*, 45(2), 132-147. <https://doi.org/10.1080/13803395.2023.2207777>
5. Pillaud, N., Ballot, C., Robert, C., **Mathey, S.**, & Ric, S. (2023). Is the approach avoidance compatibility effect moderated by word imageability? *Quarterly Journal of Experimental Psychology*, DOI: 10.1177/17470218231194499
6. Ballot, C., **Mathey, S.**, & Robert, C. (2022). Age-related evaluations of imageability and subjective frequency for 1,286 neutral and emotional French words: Ratings in young, middle-aged and older adults. *Behavior Research Methods*, 54, 196-215. <https://doi.org/10.3758/s13428-021-01621-6>
7. Ballot, C., Robert, C., & **Mathey, S.** (2022). Word imageability influences the effect of emotionality in episodic memory. *Cognitive Processing*, 23, 655-660. <https://doi.org/10.1007/s10339-022-01102-4>
8. Camblats, A.-M., Gobin, P. & **Mathey, S.** (2022). The influence of negative orthographic neighborhood in the lexical decision task: Valence and arousal contributions. *Language and Speech*, 65(3), 740-754. DOI: 10.1177/00238309211061090
9. Camblats, A.-M., Robert, C., & **Mathey, S.** (2022). Le voisinage orthographique influence la catégorisation de couleur des mots différemment selon l'âge et la vitesse de traitement. *Psychologie Française*, 67, 49-59. <https://doi.org/10.1016/j.psfr.2021.10.004>
10. Dujardin, E., Jobard, G., Vahine, T., & **Mathey, S.** (2022). Norms of vocabulary, reading, and spelling tests in French university students. *Behavior Research Methods*, 54, 1611–1625. DOI: 10.3758/s13428-021-01684-5. <https://rdcu.be/cxymb>
11. Dujardin, E., & **Mathey, S.** (2022). The neighbourhood frequency effect in naming is influenced by substituted-letter confusability and lexical skills. *Journal of Cognitive Psychology*, 34(8), 947-961. DOI: 10.1080/20445911.2022.2099873
12. Laulan, P., Catheline, G., Mayo, W., Robert, C., & **Mathey, S.** (2022). Age-related positivity effect: Distinct mechanisms for lexical access and episodic memory retrieval of emotional words. *Psychology and Aging*, 37(8), 913-928. <https://doi.org/10.1037/pag0000709>
13. Ballot, C., **Mathey, S.**, & Robert, C. (2021). Word imageability and orthographic neighbourhood effects on memory: A study in free recall and recognition. *Memory*, 6, 829-834. doi: 10.1080/09658211.2021.1921216.
14. Ballot, C., Robert, C., Postal, V., Sivilloti, L., Dugas, E., **Mathey, S.** (2020). A study of student assessment of the lexical and emotional characteristics of cancer related words, *Revue européenne de psychologie appliquée/ European Review of Applied Psychology*, 70.

15. Laulan, P., Catheline, G., Mayo, M., Robert, C., & **Mathey, S.** (2020). L'effet de positivité lié à l'âge : oublier le négatif et/ou se rappeler du positif ? Une étude inter-tâches. *Gériatrie et Psychologie Neuropsychiatrie du Vieillessement*, 18, 437-447
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17. Dupart, M., Auzou, N. & **Mathey, S.** (2018). Emotional valence impacts differently lexical activation and inhibition in aging: an emotional Hayling task investigation. *Experimental Aging Research*, 44(3), 206-220. doi: 10.1080/0361073X.2018.1449587.
18. **Mathey, S.**, Camblats, A.-M., Ballot, C., Broqua, A., Postal, V., & Robert, C. (2018). De la lecture d'un mot à sa mémorisation : influence des processus lexico-émotionnels. *Approche Neuropsychologique des Apprentissages chez l'Enfant (A.N.A.E.)*, 155, 399-405.
19. Robert C. & **Mathey S.** (2018). The oral and written side of word production in young and older adults: generation of lexical neighbors. *Aging, Neuropsychology, and Cognition*, 25, 231-243. DOI: 10.1080/13825585.2017.1284987
20. Gobin, P., Camblats A. -M., Faurous, W., & **Mathey, S.** (2017). Une base de l'Emotionalité (valence, arousal, catégories) de 1286 Mots français selon l'Age (EMA). *Revue Européenne de Psychologie Appliquée / European Review of Applied Psychology*, 67, 25-42.
21. Robert, C., Cousson-Gelie, F., Faurous, W., & **Mathey, S.** (2016). Subjective lexical characteristics : Comparing ratings of members of the target population and doctors for words stemming from a medical context. *Language & Speech*, 59(4), 562-575. DOI: 10.1177/0023830916636650
22. Camblats A. -M., & **Mathey, S.** (2016). Effect of emotional orthographic neighbourhood in a colour categorization task. *Cognitive Processing* 17(1), 115-122. DOI: 10.1007/s10339-015-0742-5
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24. Tournier, I, Postal, V., & **Mathey, S.** (2014). Investigation of age-related differences in an adapted Hayling task. *Archives of Gerontology and Geriatrics*, 59, 599-606. DOI 10.1016/j.archger.2014.07.016.
25. **Mathey, S.**, Doignon-Camus, N., & Chetail, F. (2013). Syllable priming with pseudowords in the lexical decision task. *Canadian Journal of Experimental Psychology*, 67, 205-214.
26. Chetail, F. & **Mathey, S.** (2013). Interaction between phonemic abilities and syllable congruency effect in young readers. *Journal of Child Language*, 40, 492-508.
27. Faïta-Ainseba, F., Gobin, P., Bouaffre, S., & **Mathey, S.** (2012). Event-related potential correlates of orthographic priming. *NeuroReport*, 23, 762-767. doi: 10.1097/WNR.ob013e328356ea58.
28. Chetail, F. & **Mathey, S.** (2012). Effect of syllable congruency in sixth graders in the lexical decision task with masked priming. *Scientific Studies of Reading*, 16, 537-549.
29. Tournier, I., **Mathey, S.**, & Postal, V. (2012). The association between routinization and cognitive resources in later life. *International Journal of Aging & Human Development*, 74, 143-161.
30. Dorot, D., & **Mathey, S.** (2013). Accès aux représentations sémantiques et phonologiques chez des adultes jeunes et âgés : Une étude des mots sur le bout de la langue. *Psychologie Française*, 58, 1-16, <http://dx.doi.org/10.1016/j.psfr.2012.06.002>
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33. Robert, C., Dorot, D., & **Mathey, S.** (2012). Du campus au jardin: estimations de fréquence subjective auprès d'adultes jeunes et âgés pour 660 mots de la langue française. *L'Année Psychologique*, 112, 227-246.
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37. Chetail, F., & **Mathey, S.** (2010). Rôle de la syllabe dans l'apprentissage de la lecture: Etude en fonction du niveau de lecture. *Approche Neuropsychologique des Apprentissages chez l'Enfant*, 107-108, 119-124.
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41. Chetail, F., & **Mathey, S.** (2009). The syllable frequency effect in visual recognition of French words: A Study in skilled and beginning readers. *Reading and Writing*, 22, 955-973.
42. Chetail, F., & **Mathey, S.** (2009). Syllabic priming in lexical decision and naming tasks: The syllable congruency effect re-examined in French. *Canadian Journal of Experimental Psychology*, 63, 40-48.
43. Doignon, N., Zagar, D., & **Mathey, S.** (2009). Can we see syllables in monosyllabic words ? A study with illusory conjunctions. *The European Journal of Cognitive Psychology*, 21, 599-614.
44. Robert, C., **Mathey, S.**, & Postal, V. (2009). Différences liées à l'âge dans la reconnaissance visuelle des mots chez l'adulte. *European Review of Applied Psychology*, 59, 139-151.
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50. **Mathey, S.**, Zagar, D., Doignon, N., & Seigneuric, A. (2006). The nature of the syllabic neighborhood effect in French. *Acta Psychologica*, 123, 372-392.
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53. **Mathey, S.**, Robert, C., & Zagar, D. (2004). Neighbourhood distribution interacts with orthographic priming in the lexical decision task. *Language and Cognitive Processes*, *19*, 533-559 <https://doi.org/10.1080/01690960344000260>
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55. **Mathey, S.**, & Zagar, D. (2002). Lexical similarity in visual word recognition: The effect of syllabic neighborhood in French. *Current Psychology Letters : Behavior, Brain & Cognition*, *8*, 107-121. <https://doi.org/10.4000/cpl.512>
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59. **Mathey, S.**, & Zagar, D. (1996). Rôle du voisinage orthographique lors de la reconnaissance visuelle des mots de 4, 6 et 8 lettres. *Revue de Neuropsychologie*, *2*, 205-217.

#### **Proceedings, book chapters...**

60. Robert, C., Broqua, A., & **Mathey, S.** (2021). Can situational stress alter the effect of word emotional valence in a working memory task? in C. Houssemand (Ed.), *Recherches actuelles en psychologie différentielle*, (pp. 189-197). Esch-sur-Alzette (Luxembourg): University of Luxembourg.
61. **Mathey, S.**, Ballot, C., Postal, V., & Robert, C. (2020). Les mots du cancer : apports de la psycholinguistique et de la psychologie cognitive, in E. Dugas & L. Sivilotti (Eds.), *Inclure dans et hors l'école ?* Louvain-la-Neuve (Belgique) : EME éditions.
62. Vahine, T., **Mathey, S.**, Foulon, J.-N., Delord, S. (2016). Dissociation between magnocellular and parvocellular processing in visual word recognition. *Journal of Vision*, *16* (Supplm).
63. Vahine, T., **Mathey, S.**, Delord, S. (2014). Early visual processing in word recognition: dissociation between magnocellular and parvocellular systems for pseudoword processing. *Perception*, *43* (supplm.), 155.
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