

Publications Dario Cazzoli

Last updated: August 12, 2024

1. Publications in peer-reviewed scientific journals

1.1. Original papers published in peer-reviewed journals

1. Kaufmann BC, Pastore-Wapp M, Bartolomeo P, Geiser N, Nyffeler T, **Cazzoli D** (2024). Severity-Dependent Interhemispheric White Matter Connectivity Predicts Poststroke Neglect Recovery. *J Neurosci*, 44(21): e1311232024. doi: 10.1523/JNEUROSCI.1311-23.2024.
2. Ottiger B, Veerbeek JM, **Cazzoli D**, Nyffeler T, Vanbellingen T (2024). The Flow State Scale for Rehabilitation Tasks: A New Flow Experience Questionnaire for Stroke Patients. *Am J Occup Ther*, 78(2): 7802180030. doi: 10.5014/ajot.2024.050401.
3. Geiser N, Kaufmann BC, Knobel SEJ, **Cazzoli D**, Nef T, Nyffeler T (2024). Comparison of uni- and multimodal motion stimulation on visual neglect: A proof-of-concept study. *Cortex*, 171: 194-203. doi: 10.1016/j.cortex.2023.10.018.
4. **Cazzoli D**, Kaufmann BC, Rühle H, Geiser N, Vanbellingen T, Nyffeler T (2023). A case study of left visual neglect after right pontine lesion: pathophysiological evidence for the infratentorial involvement in human visual attention. *Journal of Neurophysiology*, 129(6): 1534-1539. doi: 10.1152/jn.00123.2023.
5. Kaufmann BC, **Cazzoli D**, Nyffeler T, Bartolomeo P (2023). Causal evidence for the multiple-demand brain network: it takes three to tango. *Brain*, 146(12): e115-e116. doi: 10.1093/brain/awad217.
6. Göbel N, **Cazzoli D**, Gutbrod C, Müri RM, Eberhard-Moscicka AK (2023). An item sorting heuristic to derive equivalent parallel test versions from multivariate items. *PLoS One*, 18(4): e0284768. doi: 10.1371/journal.pone.0284768.
7. Knobel SEJ, Kaufmann BC, Geiser N, Gerber SM, Müri RM, Nef T, Nyffeler T, **Cazzoli D** (2022). Effects of Virtual Reality-Based Multimodal Audio-Tactile Cueing in Patients With Spatial Attention Deficits: Pilot Usability Study. *JMIR Serious Games*, 10(2): e34884. doi: 10.2196/34884.
8. Kaufmann BC, **Cazzoli D**, Pastore-Wapp M, Vanbellingen T, Pflugshaupt T, Bauer D, Müri RM, Nef T, Bartolomeo P, Nyffeler T (2022). Joint impact on attention, alertness and inhibition of lesions at a frontal white matter crossroad. *Brain*, 146(4): 1467-1482. doi: 10.1093/brain/awac359.
9. Geiser N, Kaufmann BC, Rühle H, Maaijwee N, Nef T, **Cazzoli D**, Nyffeler T (2022). Visual Neglect after PICA Stroke-A Case Study. *Brain Sciences*, 12(2): 290. doi: 10.3390/brainsci12020290
10. Kaufmann BC, **Cazzoli D**, Bartolomeo P, Frey J, Pflugshaupt T, Knobel SEJ, Nef T, Müri RM, Nyffeler T (2022). Auditory spatial cueing reduces neglect after right-hemispheric stroke: A proof of concept study. *Cortex*, 148: 152-167. doi: 10.1016/j.cortex.2021.12.009
11. Veerbeek JM, Ottiger B, **Cazzoli D**, Vanbellingen T, Nyffeler T (2022). Speed up discharge planning at the acute stroke unit: A development and external validation study for the early prediction of discharge home. *Frontiers in Neurology*, 13: 999595. doi: 10.3389/fneur.2022.999595.
12. Pastore-Wapp M, Gyurkó DM, Vanbellingen T, Lehnick D, **Cazzoli D**, Pflugshaupt T, Pflugi S, Nyffeler T, Walther S, Bohlhalter S (2022). Improved gesturing in left-hemispheric stroke by right inferior parietal theta burst stimulation. *Frontiers in Neuroscience*, 16: 998729. doi: 10.3389/fnins.2022.998729.

13. Ottiger B, Vanbellingen T, **Cazzoli D**, Nyffeler T, Veerbeek JM (2022). Development and Validation of the Short-LIMOS for the Acute Stroke Unit-A Short Version of the Lucerne ICF-Based Multidisciplinary Observation Scale. *Front Rehabil Sci.* 2022 Apr 5;3:857955. doi: 10.3389/fresc.2022.857955. eCollection 2022.
14. **Cazzoli D**, Kaufmann BC, Paladini RE, Müri RM, Nef T, Nyffeler T (2021). Anterior insula and inferior frontal gyrus: where ventral and dorsal visual attention systems meet. *Brain Communications*, 3(1): fcaa220. doi: 10.1093/braincomms/fcaa220
15. Nyffeler T, Kaufmann BC, **Cazzoli D** (2021). Visual Neglect After an Isolated Lesion of the Superior Colliculus. *JAMA Neurology*, 78(12): 1531-1533. doi: 10.1001/jamaneurol.2021.3863
16. Kaufmann BC, **Cazzoli D**, Koenig-Bruhin M, Müri RM, Nef T, Nyffeler T (2021). Video-Oculography During Free Visual Exploration to Detect Right Spatial Neglect in Left-Hemispheric Stroke Patients With Aphasia: A Feasibility Study. *Frontiers in Neuroscience*, 15: 640049. doi: 10.3389/fnins.2021.640049
17. Göbel N, Möller JC, Hollenstein N, Binder A, Oechsner M, Ide J, Urwyler P, **Cazzoli D**, Müri RM (2021). Face Perception and Pareidolia Production in Patients With Parkinson's Disease. *Frontiers in Neurology*, 12: 669691. doi: 10.3389/fneur.2021.669691
18. Knobel SEJ, Kaufmann BC, Gerber SM, Urwyler P, **Cazzoli D**, Müri RM, Nef T, Nyffeler T (2021). Development of a Search Task Using Immersive Virtual Reality: Proof-of-Concept Study. *JMIR Serious Games*, 9(3): e29182. doi: 10.2196/29182
19. Chiffi K, Diana L, Hartmann M, **Cazzoli D**, Bassetti CL, Müri RM, Eberhard-Moscicka AK (2021). Spatial asymmetries ("pseudoneglect") in free visual exploration-modulation of age and relationship to line bisection. *Experimental Brain Research*, 239(9): 2693-2700. doi: 10.1007/s00221-021-06165-x
20. Teixeira M, Mancini C, Wicht CA, Maestretti G, Kuntzer T, **Cazzoli D**, Mouthon M, Annoni JM, Chabwine JN (2021). Beta Electroencephalographic Oscillation Is a Potential GABAergic Biomarker of Chronic Peripheral Neuropathic Pain. *Frontiers in Neuroscience*, 15: 594536. doi: 10.3389/fnins.2021.594536
21. Buetler KA, Penalver-Andres J, Özen Ö, Ferriroli L, Müri RM, **Cazzoli D**, Marchal-Crespo L (2021). "Tricking the Brain" Using Immersive Virtual Reality: Modifying the Self-Perception Over Embodied Avatar Influences Motor Cortical Excitability and Action Initiation. *Frontiers in Human Neuroscience*. 15: 787487. doi: 10.3389/fnhum.2021.787487.
22. Müri RM, **Cazzoli D** (2020). Horizontal and Vertical Boundaries of Hemineglect - the Puzzling Case of a Crossword Puzzle. *JAMA Neurology*, 77(3): 390-391. doi: 10.1001/jamaneurol.2019.4814
23. Paladini RE, Wieland FAM, Naert L, Bonato M, Mosimann UP, Nef T, Müri RM, Nyffeler T, **Cazzoli D** (2020). The Impact of Cognitive Load on the Spatial Deployment of Visual Attention: Testing the Role of Interhemispheric Balance With Biparietal Transcranial Direct Current Stimulation. *Frontiers in Neuroscience*, 13: 1391. doi: 10.3389/fnins.2019.01391
24. Kaufmann BC, **Cazzoli D**, Pflugshaupt T, Bohlhalter S, Vanbellingen T, Müri RM, Nef T, Nyffeler T (2020). Eyetracking during free visual exploration detects neglect more reliably than paper-pencil tests. *Cortex*, 129: 223-235. doi: 10.1016/j.cortex.2020.04.021
25. Kaufmann BC, **Cazzoli D**, Müri RM, Nef T, Nyffeler T (2020). Test-Retest-Reliability of Video-Oculography During Free Visual Exploration in Right-Hemispheric Stroke Patients With Neglect. *Frontiers in Neuroscience*, 14: 731. doi: 10.3389/fnins.2020.00731
26. Kaufmann BC, Knobel SEJ, Nef T, Müri RM, **Cazzoli D**, Nyffeler (2020). Visual Exploration Area in Neglect: A New Analysis Method for Video-Oculography Data Based on Foveal Vision. *Frontiers in Neuroscience*, 13: 1412. doi: 10.3389/fnins.2019.01412

27. Jost LB, Pestalozzi MI, **Cazzoli D**, Mouthon M, Müri RM, Annoni JM (2020). Effects of Continuous Theta Burst Stimulation Over the Left Dlpfc on Mother Tongue and Second Language Production In Late Bilinguals: A Behavioral and ERP Study. *Brain Topography*, 33(4):504-518. doi: 10.1007/s10548-020-00779-0
28. Knobel SEJ, Kaufmann BC, Gerber SM, **Cazzoli D**, Müri RM, Nyffeler T, Nef T (2020). Immersive 3D Virtual Reality Cancellation Task for Visual Neglect Assessment: A Pilot Study. *Frontiers in Human Neuroscience*, 14: 180. doi: 10.3389/fnhum.2020.00180
29. Nyffeler T, Vanbellingen T, Kaufmann BC, Pflugshaupt T, Bauer D, Frey J, Chechlacz M, Bohlhalter S, Müri RM, Nef T, **Cazzoli D** (2019). Theta burst stimulation in neglect after stroke: functional outcome and response variability origins. *Brain*, 142(4): 992-1008. doi: 10.1093/brain/awz029
30. Langenbach BP, Baumgartner T, **Cazzoli D**, Müri RM, Knoch D (2019). Inhibition of the right dlPFC by theta burst stimulation does not alter sustainable decision-making. *Scientific Reports*, 9(1): 13852. doi: 10.1038/s41598-019-50322-w
31. Kaufmann BC, Pastore-Wapp M, Lübeck M, Koenig M, Bohlhalter S, Vanbellingen T, **Cazzoli D**, Nyffeler T. (2019). cTBS over contralesional homologue areas deteriorates speech output in isolated apraxia of speech after stroke. *Brain Stimulation*, 12(4): 1069-1071. doi: 10.1016/j.brs.2019.03.024
32. Chechlacz M, Hansen PC, Geng JJ, **Cazzoli D** (2018). Polarity-dependent effects of bi-parietal tDCS on the interplay between target location and distractor saliency in visual attention. *Journal of Cognitive Neuroscience*, 30(6): 851-866. doi: 10.1162/jocn_a_01242
33. Paladini RE, Diana L, Zito GA, Nyffeler T, Wyss P, Mosimann UP, Müri RM, Nef T, **Cazzoli D** (2018). Attentional reorienting triggers spatial asymmetries in a search task with cross-modal spatial cueing. *PLoS One*, 13(1): e0190677. doi: 10.1371/journal.pone.0190677
34. Kaufmann BC, Frey J, Pflugshaupt T, Wyss P, Paladini RE, Vanbellingen T, Bohlhalter S, Chechlacz M, Nef T, Müri RM, **Cazzoli D**, Nyffeler T (2018). The Spatial Distribution of Perseverations in Neglect Patients during a Nonverbal Fluency Task Depends on the Integrity of the Right Putamen. *Neuropsychologia*, 115: 42-50. doi: 10.1016/j.neuropsychologia.2018.01.025
35. Paladini RE, Wyss P, Kaufmann BC, Urwyler P, Nef T, **Cazzoli D**, Nyffeler T, Müri RM (2018). Re-fixation and perseveration patterns in neglect patients during free visual exploration. *European Journal of Neuroscience*. 49: 1244-1253. doi: 10.1111/ejn.14309
36. Preisig BC, Eggenberger N, **Cazzoli D**, Nyffeler T, Gutbrod K, Annoni JM, Meichtry JR, Nef T, Müri RM (2018). Multimodal Communication in Aphasia: Perception and Production of Co-speech Gestures During Face-to-Face Conversation. *Frontiers in Human Neuroscience*, 12: 200. doi: 10.3389/fnhum.2018.00200
37. Stienen MN, Fung C, Bijlenga P, Zumofen DW, Maduri R, Robert T, Seule MA, Marbacher S, Geisseler O, Brugger P, Gutbrod K, Chicherio C, Monsch AU, Beaud V, Rossi S, Früh S, Schmid N, Smoll NR, Keller E, Regli L, et al. (MoCA-DCI study group) (2018). Measuring the Impact of Delayed Cerebral Ischemia on Neuropsychological Outcome After Aneurysmal Subarachnoid Hemorrhage-Protocol of a Swiss Nationwide Observational Study (MoCA-DCI Study). *Neurosurgery*, 84(5): 1124-1132. doi: 10.1093/neuros/nyy155
38. Paladini RE, Müri RM, Meichtry J, Nef T, Mast FW, Mosimann UP, Nyffeler T, **Cazzoli D** (2017). The influence of alertness on the spatial deployment of visual attention is mediated by the excitability of the posterior parietal cortices. *Cerebral Cortex*, 27(1): 233-243. doi: 10.1093/cercor/bhw390
39. Nyffeler T, Paladini RE, Hopfner S, Job O, Nef T, Pflugshaupt T, Vanbellingen T, Bohlhalter S, Müri RM, Kerkhoff G, **Cazzoli D** (2017). Contralesional Trunk Rotation Dissociates Real vs. Pseudo-Visual Field Defects due to Visual Neglect in Stroke Patients. *Frontiers in Neurology*, 8: 411. doi: 10.3389/fneur.2017.00411

40. **Cazzoli D**, Chechlacz M (2017). A matter of hand: Causal links between hand dominance, structural organization of fronto-parietal attention networks, and variability in behavioural responses to transcranial magnetic stimulation. *Cortex*, 86: 230-246. doi: 10.1016/j.cortex.2016.06.015
41. Savic B, **Cazzoli D**, Müri R, Meier B (2017). No effects of transcranial DLPFC stimulation on implicit task sequence learning and consolidation. *Scientific Reports*, 7(1): 9649. doi: 10.1038/s41598-017-10128-0
42. Meichtry JR, **Cazzoli D**, Chaves S, von Arx S, Pflugshaupt T, Kalla R, Bassetti CL, Gutbrod K, Müri RM. (2017). Pure optic ataxia and visual hemiagnosia – extending the dual visual hypothesis. *Journal of Neuropsychology*, 12(2): 271-290. doi: 10.1111/jnp.12119
43. Vanbellingen T, Ottiger B, Maaijwee N, Pflugshaupt T, Bohlhalter S, Müri RM, Nef T, **Cazzoli D**, Nyffeler T (2017). Spatial Neglect Predicts Upper Limb Use in the Activities of Daily Living. *Cerebrovascular Diseases*, 44(3-4): 122-127. doi: 10.1159/000477500
44. **Cazzoli D**, Hopfner S, Preisig B, Zito G, Vanbellingen T, Jäger M, Nef T, Mosimann U, Bohlhalter S, Müri RM, Nyffeler T (2016). The influence of naturalistic, directionally non-specific motion on the spatial deployment of visual attention in right-hemispheric stroke. *Neuropsychologia*, 92: 181-189. doi: 10.1016/j.neuropsychologia.2016.04.017
45. Paladini RE, Diana L, Nyffeler T, Mosimann UP, Nef T, Müri RM, **Cazzoli D** (2016). The asymmetrical influence of increasing time-on-task on attentional disengagement. *Neuropsychologia*, 92: 107-114. doi: 10.1016/j.neuropsychologia.2016.02.026
46. Zito GA, **Cazzoli D**, Müri RM, Mosimann UP, Nef T (2016). Behavioral Differences in the Upper and Lower Visual Hemifields in Shape and Motion Perception. *Frontiers in Behavioral Neuroscience*, 10: 128. doi: 10.1186/s12877-015-0175-0
47. Vallejo V, **Cazzoli D**, Rampa L, Zito GA, Feuerstein F, Gruber N, Müri RM, Mosimann UP, Nef T (2016). Effects of Alzheimer's Disease on Visual Target Detection: A "Peripheral Bias". *Frontiers in Aging Neuroscience*, 8: 200. doi: 10.3389/fnagi.2016.00200
48. Preisig BC, Eggenberger N, Zito G, Vanbellingen T, Schumacher R, Hopfner S, Gutbrod K, Nyffeler T, **Cazzoli D**, Annoni JM, Bohlhalter S, Müri RM (2016). Eye Gaze Behavior at Turn Transition: How Aphasic Patients Process Speakers' Turns during Video Observation. *Journal of Cognitive Neuroscience*, 28(10): 1613-1624. doi: 10.1162/jocn_a_00983
49. De Jong D, Kaufmann-Ezra S, Meichtry JR, von Arx S, **Cazzoli D**, Gutbrod K, Müri RM (2016). The influence of reading direction on hemianopic reading disorders. *Journal of Clinical and Experimental Neuropsychology*, 38(10): 1077-1083. doi: 10.1080/13803395.2016.1189884
50. Kalla R, Meichtry J, Schumacher R, **Cazzoli D**, Wiest R, Seifert E, Müri R (2016). Dancing Jaw and Dancing Eyes. *JAMA Neurology*, 73(1): 122. doi: 10.1001/jamaneurol.2015.2299
51. Eggenberger N, Preisig BC, Schumacher R, Hopfner S, Vanbellingen T, Nyffeler T, Gutbrod K, Annoni JM, Bohlhalter S, **Cazzoli D**, Müri RM (2016). Comprehension of Co-Speech Gestures in Aphasic Patients: An Eye Movement Study. *PLoS One*, 11(1): e0146583. doi: 10.1371/journal.pone.0146583
52. Wantz AL, Martarelli CS, **Cazzoli D**, Kalla R, Müri R, Mast FW (2016). Disrupting frontal eye-field activity impairs memory recall. *Neuroreport*, 27(6): 374-378. doi: 10.1097/WNR.0000000000000544
53. Chechlacz M, Humphreys GW, Sotiropoulos SN, Kennard C, **Cazzoli D** (2015). Structural Organization of the Corpus Callosum Predicts Attentional Shifts after Continuous Theta Burst Stimulation. *Journal of Neuroscience*, 35(46): 15353-15368. doi: 10.1523/JNEUROSCI.2610-15.2015

54. **Cazzoli D**, Rosenthal CR, Kennard C, Zito GA, Hopfner S, Müri RM, Nyffeler T (2015). Theta burst stimulation improves overt visual search in spatial neglect independently of attentional load. *Cortex*, 73: 317-329. doi: 10.1016/j.cortex.2015.09.009
55. **Cazzoli D**, Jung S, Nyffeler T, Nef T, Wurtz P, Mosimann UP, Müri RM (2015). The role of the right frontal eye field in overt visual attention deployment as assessed by free visual exploration. *Neuropsychologia*, 74: 37-41. doi: 10.1016/j.neuropsychologia.2015.01.027
56. **Cazzoli D**, Müri RM, Kennard C, Rosenthal CR (2015). The role of the right posterior parietal cortex in letter migration between words. *Journal of Cognitive Neuroscience*, 27(2): 377-386. doi: 10.1162/jocn_a_00713
57. Hopfner S, **Cazzoli D**, Müri RM, Nef T, Mosimann UP, Bohlhalter S, Vanbellingen T, Nyffeler T (2015). Enhancing treatment effects by combining continuous theta burst stimulation with smooth pursuit training. *Neuropsychologia*, 74: 145-151. doi: 10.1016/j.neuropsychologia.2014.10.018
58. Schumacher R, **Cazzoli D**, Eggenberger N, Preisig B, Nef T, Nyffeler T, Gutbrod K, Annoni JM, Müri RM (2015). Cue Recognition and Integration - Eye Tracking Evidence of Processing Differences in Sentence Comprehension in Aphasia. *PLoS One*, 10(11): e0142853. doi: 10.1371/journal.pone.0142853
59. Zito GA, **Cazzoli D**, Scheffler L, Jäger M, Müri RM, Mosimann UP, Nyffeler T, Mast FW, Nef T (2015). Street crossing behavior in younger and older pedestrians: an eye- and head-tracking study. *BMC Geriatrics*, 15: 176. doi: 10.1186/s12877-015-0175-0
60. Hopfner S, Kesselring S, **Cazzoli D**, Gutbrod K, Laube-Rosenpflanzler A, Chechlacz M, Nef T, Mosimann U, Bohlhalter S, Müri RM, Nyffeler T (2015). Neglect and Motion Stimuli - Insights from a Touchscreen-Based Cancellation Task. *PLoS One*, 10(7): e0132025. doi: 10.1371/journal.pone.0132025
61. Zito GA, Senti T, **Cazzoli D**, Müri RM, Mosimann UP, Nyffeler T, Nef T (2015). Cathodal HD-tDCS on the right V5 improves motion perception in humans. *Frontiers in Behavioral Neuroscience*, 9: 257. doi: 10.3389/fnbeh.2015.00257
62. Nef T, Urwyler P, Büchler M, Tarnanas I, Stucki R, **Cazzoli D**, Müri R, Mosimann U (2015). Evaluation of Three State-of-the-Art Classifiers for Recognition of Activities of Daily Living from Smart Home Ambient Data. *Sensors*, 15(5): 11725-11740. doi: 10.3390/s150511725
63. Vanbellingen T, Schumacher R, Eggenberger N, Hopfner S, **Cazzoli D**, Preisig BC, Bertschi M, Nyffeler T, Gutbrod K, Bassetti CL, Bohlhalter S, Müri RM (2015). Different visual exploration of tool-related gestures in left hemisphere brain damaged patients is associated with poor gestural imitation. *Neuropsychologia*, 71: 158-164. doi: 10.1016/j.neuropsychologia.2015.04.001
64. **Cazzoli D**, Antoniadou CA, Kennard C, Nyffeler T, Bassetti CL, Müri RM (2014). Eye movements discriminate fatigue due to chronotypical factors and time spent on task – a double dissociation. *PLoS One*, 9(1): e87146. doi: 10.1371/journal.pone.0087146
65. Vanbellingen T, Bertschi M, Nyffeler T, **Cazzoli D**, Wiest R, Bassetti C, Kaelin-Lang A, Müri R, Bohlhalter S (2014). Left posterior parietal theta burst stimulation affects gestural imitation regardless of semantic content. *Clinical Neurophysiology*, 125(3): 457-462. doi: 10.1016/j.clinph.2013.07.024
66. Jaun-Frutiger K*, **Cazzoli D***, Müri RM, Bassetti CL, Nyffeler T (2013). The frontal eye field is involved in visual vector inversion in humans – a theta burst stimulation study. *PLoS One*, 8(12): e83297. doi: 10.1371/journal.pone.0083297 *Shared first authorship
67. **Cazzoli D**, Müri RM, Schumacher R, von Arx S, Chaves S, Gutbrod K, Bohlhalter S, Bauer D, Vanbellingen T, Bertschi M, Kipfer S, Rosenthal C, Kennard C, Bassetti C, Nyffeler T (2012). Theta burst stimulation reduces disability during the activities of daily living in spatial neglect. *Brain*, 135(Pt 11): 3426-3439. doi: 10.1093/brain/aws182

68. **Cazzoli D**, Schumacher R, Baas U, Müri RM, Wiest R, Bohlhalter S, Hess CW, Nyffeler T (2012). Bilateral neglect after bihemispheric strokes. *Cortex*, 48(4): 504-508. doi: 10.1016/j.cortex.2011.09.006
69. Ossandón JP, Onat S, **Cazzoli D**, Nyffeler T, Müri RM, König P (2012). Unmasking the contribution of low-level features to the guidance of attention. *Neuropsychologia*, 50(14): 3478-3487. doi: 10.1016/j.neuropsychologia.2012.09.043
70. Kindler J, Schumacher R, **Cazzoli D**, Gutbrod K, König M, Nyffeler T, Müri RM (2012). Theta burst stimulation over the right Broca's homologue induces improvement of naming in aphasic patients. *Stroke*, 43(8): 2175-2179. doi: 10.1161/STROKEAHA.111.647503
71. **Cazzoli D**, Nyffeler T, Hess CW, Müri RM (2011). Vertical bias in neglect: a question of time? *Neuropsychologia*, 49(9): 2369-2374. doi: 10.1016/j.neuropsychologia.2011.04.010
72. Bohlhalter S, Vanbellingen T, Bertschi M, Wurtz P, **Cazzoli D**, Nyffeler T, Hess CW, Müri R (2011). Interference with gesture production by theta burst stimulation over left inferior frontal cortex. *Clinical Neurophysiology*, 122(6): 1197-1202. doi: 10.1016/j.clinph.2010.11.008
73. **Cazzoli D**, Müri RM, Hess CW, Nyffeler T (2009). Horizontal and vertical dimensions of visual extinction: a theta burst stimulation study. *Neuroscience*, 164(4): 1609-1614. doi: 10.1016/j.neuroscience.2009.09.044
74. **Cazzoli D**, Wurtz P, Müri RM, Hess CW, Nyffeler T (2009). Interhemispheric balance of overt attention: a theta burst stimulation study. *European Journal of Neuroscience*, 29(6): 1271-1276. doi: 10.1111/j.1460-9568.2009.06665.x
75. Nyffeler T, **Cazzoli D**, Hess CW, Müri RM (2009). One session of repeated parietal theta burst stimulation trains induces long-lasting improvement of visual neglect. *Stroke*, 40(8): 2791-2796. doi: 10.1161/STROKEAHA.109.552323
76. Müri RM, **Cazzoli D**, Nyffeler T, Pflugshaupt T (2009). Visual exploration pattern in hemineglect. *Psychological Research*, 73(2): 147-157. doi: 10.1007/s00426-008-0204-0
77. Pflugshaupt T, von Wartburg R, Wurtz P, Chaves S, Déruaz A, Nyffeler T, von Arx S, Luethi M, **Cazzoli D**, Müri RM (2009). Linking physiology with behaviour: Functional specialisation of the visual field is reflected in gaze patterns during visual search. *Vision Research*, 49(2): 237-248. doi: 10.1016/j.visres.2008.10.021
78. Nyffeler T, **Cazzoli D**, Wurtz P, Lüthi M, von Wartburg R, Chaves S, Déruaz A, Hess CW, Müri RM (2008). Neglect-like visual exploration behaviour after theta burst transcranial magnetic stimulation of the right posterior parietal cortex. *European Journal of Neuroscience*, 27(7): 1809-1813. doi: 10.1111/j.1460-9568.2008.06154.x\$

1.2. Review papers published in peer-reviewed journals

1. Chechlacz M, Humphreys GW, **Cazzoli D** (2016). Spatial and non-spatial aspects of visual attention: Interactive cognitive mechanisms and neural underpinnings. *Neuropsychologia*, 92: 1-6. doi: 10.1016/j.neuropsychologia.2016.08.002
2. Müri RM, **Cazzoli D**, Nef T, Mosimann UP, Hopfner S, Nyffeler T (2013). Non-invasive brain stimulation in neglect rehabilitation: an update. *Frontiers in Human Neuroscience*, 7: 248. doi: 10.3389/fnhum.2013.00248
3. Nyffeler T, Müri RM, **Cazzoli D** (2010). Die Theta-Burst-Stimulation – eine mögliche Therapie bei Neglektpatienten? *Schweizer Archiv für Neurologie und Psychiatrie*, 161(7): 250-253. doi: 10.4414/sanp.2010.02195.
4. **Cazzoli D**, Müri RM, Hess CW, Nyffeler T (2010). Treatment of hemispatial neglect by means of rTMS – a review. *Restorative Neurology and Neuroscience*, 28(4): 499-510. doi: 10.3233/RNN-2010-0560

2. Peer-reviewed conference proceedings

1. Knobel SEJ, Gyger NT, Nyffeler T, **Cazzoli D**, Muri RM, Nef T. (2020). Development and evaluation of a new virtual reality-based audio-tactile cueing-system to guide visuo-spatial attention. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 3192-3195. doi: 10.1109/EMBC44109.2020.9176516
2. Jost LB, Pestalozzi MI, **Cazzoli D**, Muri RM, Mouthon M, Spierer L, Annoni J-M (2017). Effects of continuous theta burst stimulation over the DLPFC on language production in late bilinguals. *Brain Stimulation*, 10(2): 465. doi: 10.1016/j.brs.2017.01.364
3. Schumacher R, **Cazzoli D**, Gutbrod K, Koenig M, Vanbellingen T, Nyffeler T, Muri RM (2013). Effects of repeated theta burst stimulation on aphasia recovery. *Procedia - Social and Behavioral Sciences*, 94: 255. doi: 10.1016/j.sbspro.2013.09.127
4. **Cazzoli D**, Nyffeler T, Wurtz P, von Wartburg R, Chaves S, Déruaz A, Lüthi M, Hess C, Muri RM (2008). Visuospatial attention and theta burst stimulation: Does gender play a role? *Brain Stimulation*, 1(3): 265–266. doi: 10.1016/j.brs.2008.06.060

3. Contributions to books

1. Muri RM, **Cazzoli D**, Nyffeler T (2019). Eye Movements in Neurology. In Klein C, Ettinger U (Eds.): *Eye Movement Research. Studies in Neuroscience, Psychology and Behavioral Economics*. Cham, Springer Nature Switzerland (pp. 749-774).
2. Muri RM, **Cazzoli D** (2018). Addictive (Non-Drug) and Obsessive-Compulsive Symptoms after Focal Brain Lesions. In Bogousslavsky J (Ed.): *Neurologic-Psychiatric Syndromes in Focus. Part I - From Neurology to Psychiatry*. Basel, Karger, vol 41 (pp. 61-70). doi: 10.1159/000475697