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**Department of Speech therapy**  
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**Research interests:**

Speech Sound acquisition in mono/bilingual children, Language Development and Disorders, Motor Speech Disorder (assessment and treatment), Reading development and disorders, Augmentative Alternative Communication, Virtual training and Speech Language Communication Rehabilitation, Methodological research.

**Clinical Skills and Expertise:** Assessment and treatment of Sounds Disorders, Assessment and treatment of Motor Speech Disorders, Speech and Language Rehabilitation after Stroke.

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**Personal Information**

Date of birth	1970.Augest.23
Marital status	Married
Nationality	Iranian

**Education**

2009-2014	Ph.D. of Speech Therapy, University of Social Welfare and Rehabilitation Sciences, Tehran-Iran. <b>Thesis title:</b> <i>Adaptation of Diagnostic Evaluation of Articulation and Phonology for 3-6 Persian Speaking Children and determining it's Psychometric properties</i>
1997-2000	Master of Speech Therapy <i>Rehabilitation faculty - Iran University of Medical Science, Tehran-Iran</i> <b>Thesis title:</b> <i>Investigation linguistic markers in school age hearing impaired students</i>
1991-1995	Bachelor of Speech Therapy <i>Rehabilitation faculty - Iran University of Medical Science, Tehran-Iran</i> <b>Thesis title:</b> <i>Speech aids in Speech therapy</i>

**Job Experience**

- 1- **Full Professor** - Dept. Speech therapy, University of Social Welfare and Rehabilitation Sciences; **Starting date:** October 2025 to Present
- 2- **Associate Professor**- Dept. Speech therapy, University of Social Welfare and Rehabilitation Sciences; **Starting date:** Nov.2020 to October 2025
- 3- **Assistant professor**- Dept. Speech therapy, University of Social Welfare and Rehabilitation Sciences; **Starting date:** January 2014 to November 2020
- 4- **Head of Central Library**, University of Social Welfare and Rehabilitation Sciences, **Starting date:** 2019 to 2025
- 5- **Head of Medical Information and Scientific resources**\_ University of Social Welfare and Rehabilitation Sciences, **Starting date:** 2025 to Present
- 6- **Head of Javaneh Rehabilitation Clinic**, **Starting date:** July 2015 to August 2025

**Publications**

## JOURNAL ARTICLES

1. [Virtual Reality to Improve Joint Attention Skills in Children With Autism: Protocol for a Randomized Controlled Trial], [Journal of Practice in Clinical Psychology], [2026], [Hassan Yazdanian, Zohre Bagheri Rekhne, Ariana Soltani, AmirMohammad Vakili, Mohammad Reza, Sajjad Zareii, Mohsen Vahedi, Talieh Zarifian\*]
2. [Phonological Development in a Kurdish-Speaking Child: A Longitudinal Case Study], [2025], [Journal of Journal of Monolingual and Bilingual Speech], [Shahla Fatemi-Syadar, Talieh Zarifian\*, Yahya Modarresi]
3. [A psycholinguistic approach to designing word stimuli for evaluating speech sound production in Persian-speaking children: Focus on face and content validity], [2025], [Applied Neuropsychology: Child], [Mersedeh Imani-Shakibayi, Talieh Zarifian\*, Golnaz Modarresi Ghavami, Fariba Yadegari, Enayatollah Bakhshi]
4. [An Investigation and Comparison of Early Communication Skills in Persian-speaking Children with Autism Spectrum Disorder Using Communication Skills Checklist (CSC)], [2025], [Journal of Archives of Rehabilitation], [Fateme Ghovati, Atieh Ashtari, Farin Soleimani, Talieh Zarifian\*, Mohsen Vahedi, Seyyede Masuomeh Goshtai]
5. [Investigating the Relationship Between Misarticulation of Polysyllabic Words and Predicting Later Reading Difficulties in Children With Speech Sound Disorder: A Narrative Review], [2025], [Archives of Rehabilitation], [M Imani-Shakibayi, T Zarifian\*]
6. [Exploring comprehension of grammatical structures: A qualitative study of Azerbaijani-Turkish children], [2025], [Applied Neuropsychology: Child], [A Darouie, F Fekar Gharamaleki, Z Fathipour-Azar, A Ebadi, T Zarifian]
7. [Telepractice Parent Training of Enhanced Milieu Teaching With Phonological Emphasis (EMT+PE) For Persian-Speaking Toddlers With Nonsyndromic Cleft Palate: Protocol for a Randomized Controlled Trial], [Journal of Medical Internet Research], [2024], [JMIR Research Protocols], [Neda Tahmasebi ; Talieh Zarifian\* ; Atieh Ashtari; Akbar Biglarian]
8. [Virtual / Augmented Reality for Joint Attention Skills Improvement in Autism Spectrum Disorder: A Systematic Review], [International Journal of Developmental Disabilities YJDD], [2023]. [Hassan Yazdanian, AmirMohammad Vakili, Ariana Soltani, Zohre Bagheri, Rekhne, Sajjad Zareii & Talieh Zarifian\*].
9. [Effect of premature infant oral motor intervention [PIOMI] combined with music therapy on feeding progression of preterm infants: a randomized control trial], [European Journal of Pediatrics]. [2023 ], [Elmira Shokri, Talieh Zarifian\* , Farin Soleimani, Brenda Lessen Knoll, Ziba Mosayebi, Mahdi Noroozi, Kiana GhasrHamidi, Michelle Pascoe].
10. [Development and psychometric evaluation of an Azerbaijani-Turkish grammar comprehension test], [Applied Neuropsychology: Child], [2023], [F Fekar Gharamaleki, A Darouie, A Ebadi, T Zarifian, H Ahadi].
11. [Developing the KHANA Test to Evaluate Reading Skills in Persian-Speaking Students: A Preliminary Study], [Iranian Rehabilitation Journal], [2023], [Talieh Zarifian, Atieh Ashtari, Reza Nilipour, Shahin Nematzadeh, Narges Bayat].

12. [Phonological development in first language Laki-speaking children aged 3 to 5 years: A pilot study], [*Int J Speech Lang Pathol*], [2023], [Akram Ahmadi, Michelle Pascoe, Marjan Larimian, Talieh Zarifian, Armon Massoodi, Fatemeh Pirfirouzjaei, Zahra Amadeh & Zahra Malmir].
13. [The effect of online parent-child dialogic book reading on preverbal skills and listening skills of deaf children under three years of old]. [*Archives of Rehabilitation*]. [2023]. [S Razmi Yazdanabad, G Movallali, T Zarifian\*, S Ahmadi].
14. [The design and validation of production of poly-syllabic words test in 4-7 years-old Persian speaking children: a preliminary study]. [*Archives of Rehabilitation*]. [2023]. [H Abbasi, T Zarifian\*, M Imani].
15. [Non-word repetition in Persian learning toddlers with typical development], [*Applied Neuropsychology: Child*], (2022), Fateme Jazem, Talieh Zarifian\*, Akram Ahmadi, Nasim Pouralizade & Samaneh Sazegar Nejad].
16. [Assessment and Treatment of Childhood Apraxia of Speech: An Inquiry into Knowledge and Experience of SpeechLanguage Pathologists], [*Iranian Rehabilitation Journal*]. [2022], [Mersedeh Imani-Shakibayi, Talieh Zarifian\*, Nasibeh Zanjari].
17. [Speech sound acquisition in Azeri Turkish-speaking children in Iran]. [*J Commun Disord*] [2022], [Hosein Nojavan-Pirehyousefan, Talieh Zarifian, Akram Ahmadi, Michelle Pascoe].
18. [Management of Dysphagia by a Speech Language Pathologist During The Covid-19 Pandemic: A Narrative Review]. [*Journal of Rehabilitation Sciences & Research*], [2022]. [Zarei Mahmood Abadi M, ZarifanT\*, Sharif-Rad L].
19. [A Systematic Review of Psychometric Properties of the Vocabulary Tests for Iranian Persian-Speaking Children: Current Status and Future Directions], [*Middle East J Rehabil Health Stud*]. [2022], [Sakhai F, Asadi M, Baghban M, Golmohamadi G, and Zarifian T].
20. [Iranian Speech-language Pathologists' Awareness of Alternative and Augmentative Communication Methods]. [*Iranian Rehabilitation Journal*], [2021], [Zarifian T, Malekian M, Azimi T].
21. [Survey Development of Compound Sentences and Mean Length of Utterance a Persian-speaking Child From 15 to 34 Months: A Longitudinal Case Report], [*Journal of Arak University of Medical Sciences(JAMS)*], [2021], [Zarei Mahmood Abadi M, Zarifian T, Teymouri R. (Persian)].
22. [The Effects of Intensive Speech Therapy on Non-oral Cleft Speech Characteristics and Quality of Life in Children with Cleft Palate], [*Iranian Rehabilitation Journal*], [2021], [Baghban K, Derakhshandeh F, Adibi A, Shati M, Khanlar F, Mosajeran F, Zarifian T].
23. [Development of a speech production test in Azeri Turkish speaking children], [*Applied Neuropsychology: Child*], (2021), [Nojavan-Pirehyousefan H., Zarifian T\*, Ahmad A., Jahan A., Teymouri R. & Hosseinzadeh S.].

24. [Executive functions in Persian-speaking preschool children with speech sound disorders and comparison with their typically developing peers], [Applied Neuropsychology: Child], [2021], [Afshar, M., Zarifian, T\*, Khorrami Anaraki, A., Noroozi, M.].
25. [Comparison of definitional skills in school-age children with cochlear implants and normal hearing peers], [Iranian Journal of Child Neurology], [2021], [Hosseinabadi, S., Zarifian T\*, Teymouri, R., Bakhshi, E].
26. [Development of Word Definition Skill in Persian-Speaking 54-90-month-olds]. [Iranian Rehabilitation Journal]. [2020], [Malekian M, Zarifian T, Teymouri R].
27. [Cross-cultural adaptation and validation of the Persian version of Children's Behavior Questionnaire in Iranian children], [Current Psychology], [2020], [G Golmohammadi, T Zarifian, S Qhanbari, E Bakhshi, F Sakhai].
28. [Development and measurement of psychometric properties of the Persian test of speech consistency in children with typical development], [Applied Neuropsychology: Child], [2020], [T Zarifian, A Ahmadi, A Ebadi].
29. [Phonological acquisition in 3- to 5-year-old Kurdish-Speaking children in Iran], [Journal of Communication Disorders], [2021], [Fatemi Syadar, S., Zarifian, T., Pascoe, M., Modarresi, Y.]
30. [Fast-mapping in Persian-speaking late-talking toddlers], [Early Child Development and Care], [2021], [M Asadi, T Zarifian, MD Kazemi, G Ghaedamini Harouni].
31. [Phonological development in Persian-speaking children: A cross-sectional study], [International Journal of Speech-Language Pathology], [2020], [T Zarifian, M Fotuhi],
32. [The quantitative ultrasound study of tongue shape and movement in normal Persian speaking children], [International Journal of Pediatric Otorhinolaryngology], [2020], [K Baghban, T Zarifian, A Adibi, M Shati, F Derakhshandeh].
33. [Survey of Specialists' Awareness of Rehabilitation Team Working in Tabriz University of Medical Sciences Toward Augmentative and Alternative Communication Methods], [SCIENTIFIC JOURNAL OF REHABILITATION MEDICINE], [2020], [M Malekian, MJ Chaleshtory, T Zarifian],
34. [Speech characteristics of childhood apraxia of speech: A survey research], [International journal of pediatric otorhinolaryngology], [2019], [MI Shakibayi, T Zarifian, N Zanjari].
35. [Form-based and Content-oriented Noun Definition in Persian Speaking Children with Cochlear Implant in Compare with Their Normal Peers], [Archives of Rehabilitation], [2019], [Hosseinabadi S, Zarifian T, Teymouri R, Bakhshi E].
36. [Validation of the Persian version of the LittIEARS® auditory questionnaire for assessment of auditory development in children with normal hearing], [International journal of pediatric otorhinolaryngology], [2019], [T Zarifian, G Movallali, M Fotuhi, GG Harouni],
37. [Development and validation of a new scale for assessment of speech stimulability in

- Persian speaking children], *[International Journal of Pediatric Otorhinolaryngology]*, [2019], [A Ahmadi, R Mohamadi, A Ebadi, M Kamali, T Zarifian, MD Kazemi],
38. [Assessment of speech sound production by story-retelling in Persian speaking children: Introducing a new instrument], *[Iranian Journal of Medical Sciences]*, [2019], [A Ahmadi, M Kamali, R Mohamadi, T Zarifian, A Ebadi, MD Kazemi].
  39. *[Kurdish Speech Test: A validation study for children aged 3–5 years]*, *[International Journal of Pediatric Otorhinolaryngology]*, [2019], [SF Syadar, T Zarifian, Y Modarresi, MS Zahedi, M Ebrahimipour].
  40. *[Effect of Cued Speech on Improving the Accuracy and Understanding of Reading in the First Grade Students with Hearing Loss]*, *[SCIENTIFIC JOURNAL OF REHABILITATION MEDICINE]*, [2018], [A Pouryan, G Movallali, T Zarifian, S Ahmadi].
  41. *[Single word test for the assessment of speech sound production in Persian speaking children: Development, validity and reliability]*, *[International Journal of Pediatric Otorhinolaryngology]*, [2018], [A Ahmadi, A Ebadi, M Kamali, T Zarifian, MD Kazemi, R Mohamadi].
  42. [Comparing Phonological Processes in Persian-Arabic Bilingual Children and Monolingual Children], *[Journal of Mazandaran University of Medical Sciences]*, [2018], [M Delphi, V Delphi, T Zarifian, E Bakhshi].
  43. [A look at the normal development of pointing and reaching gestures and their relationship in 12-16-month-old children speaking Farsi: A longitudinal study], *[Iranian Journal of Child Neurology]*, [2018], [Z Babaei, T Zarifian, A Ashtari, E Bakhshi, M Ebrahimipour].
  44. [The effect of combined stimulation with maternal breast milk odor and non-nutritive sucking on the time of achieving independent oral feeding in premature infants], *[Iranian Journal of Child Neurology]*, [2018], [Zahra Khodaghali, T Zarifian\*, F Soleimani, E Bakhshi].
  45. [Percentage of Consonants Correct for 3-5 Years Old Kurdish-Speaking Children with Middle Kurmanji-Mukryani Dialect], *[Iranian Rehabilitation Journal]*, [2018], [S Fatemi Syadar, T Zarifian\*, Y Modarresi, MS Zahedi, M Ebrahimipour].
  46. [Review and comparison of content growth in word definition of Persian speaking children of 7-12 Years of age], *[Archives of Rehabilitation]*, [2018], [S Matloubi, T Zarifian, TS Shirazi, E Bakhshi].
  47. [The development a homophone nonword visual memory task and the determination of its validity and reliability in school age children], *[Koomesh]*, [2018], [M Jamali, T Zarifian\*, A Ashtari, S Hosseinzadeh, F Abbasnia].
  48. [Expressive Vocabulary Development of a 15-34-Month Persian Speaking Child: A

- Longitudinal Case Study], *[SCIENTIFIC JOURNAL OF REHABILITATION MEDICINE]*, [2018], [S ZAREI, T ZARIFIAN\*].
49. [Development of Word Definition Skill in Children: A Review], *[SCIENTIFIC JOURNAL OF REHABILITATION MEDICINE]*, [2018], [ST SIMA, M MALEKIAN, T ZARIFIAN, KM DASTJERDI].
  50. [Investigation of Phonological Processes in 4-5 Year-Old Bilingual Persian-Arabic Speaking Children], *[SCIENTIFIC JOURNAL OF REHABILITATION MEDICINE]*, [2018], [V Delphi, T Zarifian, E Bakhshi, M Delphi].
  51. [Development of Reaching Gesture and Its Communicative Functions in 8-to 12-Month-Old Normally Developing Children: A Longitudinal Study], *[Journal of Mazandaran University of Medical Sciences]*, [2017], [N Alimoradi, T Zarifian, A Ashtari, E Bakhshi].
  52. [Persian articulation assessment for children aged 3-6 Years: a validation study], *[Iranian Journal of Pediatrics]*, [2017], [T Zarifian, Y Modarresi, L Gholami Tehrani, M Dastjerdi Kazemi].
  53. [A Study of Phonological Disorders in Six-Year-Old Children with Cochlear Implants and Hearing Aids as Compared to Normal Hearing Children in Tehran, Iran], *[Journal of Mazandaran University of Medical Sciences]*, [2017], [E Sadat Sayedi, A Mehri, S Maroufizadeh, T Zarifian].
  54. [Study of deictic gesture in normally developing Persian-speaking children between 12 to 18 months old: a longitudinal study], [2017], *[Koomesh]*, [Z Babaei, T Zarifian, A Ashtari, E Bakhshi].
  55. [Effect of a Core Vocabulary Intervention Program on Speech Intelligibility in 7-11-year-old Farsi-Speaking Educable Children with Down Syndrome], *[Scientific Journal of Rehabilitation Medicine]*, [2017], [F Faryabi, T Zarifian\*, F Yadegari].
  56. [Developing Picture-Phoneme Deletion Tests and Study of Their Validity and Reliability in Persian Speaking Children in First to Third Grade], *[Journal of exceptional children]*, [2017], [Marzieh Jalalian Chaleshtory, Talieh Zarifian, Mahdi Dastjerdi Kazemi, Reza Mooludi].
  57. [Distribution of different types of expressive lexicon in 18–24-month-old Sorani-Kurdish-speaking children], *[Journal of Rehabilitation Sciences & Research]*, [2016].
  58. [Study of the most frequent expressive vocabulary in 18-24 month Kurdish-speaking children], *[Koomesh]*, [2016], [S Zarei, T Zarifian, T Zarifian\*, H Rahmani, S Hoseinzadeh].
  59. [Production of a protocol on early intervention for speech and language delays in early childhood: An novice experience in Iran], *[Archives of Rehabilitation]*, [2016], [R Vameghi, F Sajedi, F Yadegari, T Zarifian, S Shahshahanipour].
  60. [The Study of the Development of Dependent Possessive Pronouns in 2.5-4 Year-Old Typically Normal Persian-Speaking Children], *[Journal of Rehabilitation Sciences & Research]*, [2015], [S Sharifypour, T Zarifian, A Sheikhi, S Sharifypour].

61. [Analysis of morphological error in conversational and story retelling of hearing impaired and typically normal children], *[Journal of Modern Rehabilitation]*, [2015], [R Mohammadi, T Zarifian, B Mahmoudi Bakhtiari],
62. [Word Definitional Skills in School age Persian Speaking Children: A Developmental Study on Form], *[Iranian Rehabilitation Journal]*, [2015], [T Zarifian, S Matloubi, TS Shirazi, E Bakhshi]
63. [Investigating Phonological Awareness in Persian-Speaking Children with Phonological Disorders], *[Middle East Journal of Rehabilitation and Health]*, [2015], [N Shakeri, Z Soleymani, T Zarifian, M Kamali].
64. [Adaptation of the Syllable Repetition Task (SRT) and Determining its Validity and Reliability in 4-6 Persian-Speaking Children], *[Iranian Rehabilitation Journal]*, [2015], [ES Mahroughi, T Zarifian, ST Shirazi, A Azizi]
65. [Investigating the relationship between phonological awareness and phonological processes in children with speech sound disorders], *[Auditory and Vestibular Research]*, [2014], [N Shakeri, Z Soleymani, T Zarifian, M Kamali].
66. [Review and comparison of content growth in word definition of Persian speaking children with 4.5 to 7.5 years of age], *[Auditory and Vestibular Research]*, [2014], [M Malekian, TS Shirazi, T Zarifian, P Reza soltani].
67. [The Persian version of phonological test of diagnostic evaluation articulation and phonology for Persian speaking children and investigating its validity and reliability], *[Auditory and Vestibular Research]*, [2014], [T Zarifian, Y Modarresi, L Gholami Tehrani, M Dastjerdi Kazemi].
68. [Quality of phonological representations in 54 to 77 months typically normal Persian-speaking children], *[Auditory and Vestibular Research]*, [2014], [G Golmohamadi, T Zarifian\*, A Purshahbaz, T Sima Shirazi, A Biglarian]
69. [The percentage of vowel correct scale in Persian speaking children], *[Iranian Rehabilitation Journal]*, [2014], [T Zarifian, L Gholami, M Salavati, Y Modaresi, M Dastjerdi Kazemi].
70. [Cultural adaptation and validation of the Persian version of the children's communication checklist- second edition (CCC-2), [2014],[ J Res Rehabil Sci], [Mahmoodi F, Zarifian T, Kazemi Y, Shirazi TS].
71. [Percentage of correct consonants in Persian speaking children and its psychometric features], *[Journal of exceptional children]*, [2013], [T Zarifian, Y Modaresi, M Dastjerdi, M Salavati],
72. [A comparative study on syntactical skills of Persian-speaking hearing- impaired preschoolers and their normal-hearing peers], *[Journal of Research in Rehabilitation]*

Sciences], [2012], [Talieh Zarifian, Reyhaneh Mohammadi, Behrouz Mahmoudi Bakhtiyari].

73. [Language characteristics of preschool children with hearing loss in Tehran, Iran], [Auditory and Vestibular Research], [2009], [Y Lotfi, T Zarifian, S Mehrkian, M Rahgozar].

### peer-reviewed conference articles, listed here

- 1- [Phonetic and phonological acquisition in Persian speaking children], [International Symposium on Monolingual and Bilingual Speech, ( ISMBS)], [2015], [T Zarifian, Y Modarresi, LG Tehrani, MD Kazemi].
- 2- [Design and Development of a VR-based System for Training Response to Joint Attention in Autistic Children: A Preliminary Study], [30th National and 8th International Iranian Conference on Biomedical Engineering (ICBME)], [2023], [Hassan Yazdanin, Sajjad Zareii, Zohre Bagheri Rekhne, AmirMohammad Vakili, Ariana Soltani, Talieh Zarifian].

### Conference Abstracts

- 1- [Developing a test for evaluating Oral Reading Index in Persian-speaking students- KHANA Battery: Report of the first phase of the study], [2023], [Talieh Zarifian, Atieh Ashtari, Reza Nilipour, Shahin Nematzadeh]
- 2- [Phonological development in a Kurdish-speaking child: A longitudinal study], [Early Childhood Voices Conference 2022 (ECV2022)], [Shahla Fatemi, Talieh Zarifian]
- 3- [Augmentative and Alternative Communication Systems for Post-Stroke Patients with Severe Communication and Motor Impairment], [Advances in Biosciences & Clinical Medicine], [2017], [T Zarifian, A Mahnam, A Vosoughi].

### Posters and Presentations

- 1- [Development of Speech Sounds in Azeri- Turkish Speaking children], [International Child Phonology Conference (ICPC)], [2021], [Talieh Zarifian, Hosein Nojavan-Pirehyousefan and Akram Ahmadi].
- 2- [Development a of the Persian test of speech consistency in children with typical development], [International Child Phonology Conference (ICPC)], [2021], [Talieh Zarifian, Akram Ahmadi and Abbas Ebadi]
- 3- [Phonological Acquisition in 3- to 5-year-old Kurdish-Speaking Children in Iran], [International Child Phonology Conference (ICPC)], [2021], [Shahla Fatemils Fwmt Talieh Zarifian]

### Pre-prints

- 1- [Effect of premature infant oral motor intervention(PIOMI) combined with music therapy on feeding progression of premature infants: a randomized control trial], [<https://doi.org/10.21203/rs.3.rs-2066214/v1>], [2022], [Shokri E, Zarifian T, Soleimani F, Knoll BL, Mosayebi Z, Noroozi M, GhasrHamidi K].
- 2- [Virtual / Augmented Reality for Joint Attention Skills Improvement in Autism Spectrum

Disorder: A Systematic Review], [<https://doi.org/10.31234/osf.io/pmdjq>], [2022], [Yazdanian H , Vakili A , Soltani A , Rekhne ZB , Zareii S , Zarifian T].

Note: These all two versions currently were published in peer review journals.

3- [ Efficacy of Virtual Reality-Based Joint Attention Interventions in Enhancing Social-Communication Skills of School-Aged Children with Autism: A Randomized Controlled Trial Protocol (Preprint)], [JMIR protocol], [2023], [ DOI: 10.2196/55803], [H Yazdanian, Z Bagheri Rekhne, A Soltani, AM Vakili, M Reza, S Zareii, M Vehedi, T Zarifian].

### Book and Book chapters in English

1. Zarifian T, Ahmadi A, Fekar Gharamaleki F. (2026). Azerbaijani/Azeri Turkish speech development. In S. McLeod (Ed). *The Oxford handbook of speech development in languages of the world*. Oxford University Press.
2. Fatemi-Syadar S, Zaifian T. (2026). Kurdish speech development. In S. McLeod (Ed). *The Oxford handbook of speech development in languages of the world*. Oxford University Press.
3. Ahmadi A, Pascoe M, Larimian M, Zarifian T, Massoodi A, Pirfirouzjaei F, Amadeh Z, Malmir Z. (2026). Laki speech development. In S. McLeod (Ed). *The Oxford handbook of speech development in languages of the world*. Oxford University Press.
4. Zarifian T, Shooshtaryzadeh F, Blake H, Fotuhi M, Kazemi Y, Modarresi Y. (2026). Persian/Farsi speech development. In S. McLeod (Ed). *The Oxford handbook of speech development in languages of the world*. Oxford University Press.

### Books in Persian

- 1- [Speech Sounds' Songs], [Amoozeshpub], [2022], Fotuhi M, Zarifian T, [ISBN: 978-600-5819-35-9] [in Persian].
- 2- [Family-centered rehabilitation package of the communication, language, speech and swallowing impairments in Iranian children aged 0-5 years], [pub- Andishe-Mandegar], [2021], [Yadegari F, Darouie A, Zarifian T, Ashtari A,...], [ISBN: 978-622-7007-20-6], [In persian]
- 3- [Speech Sound Disorders in Children], [Neveeseh Parsi publishing], [2019], [Zarifian T, Fotuhi M, Shahriari M], [ISBN: 978-600-7030-76-9], [in Persian].
- 4- [Developmental Dyslexia], [Neveeseh Parsi publishing], [2019], [Nilipour R, Zarifian T, Ghoreishi Z S], [ISBN: 978-600-7030-70-7], [in Persian].
- 5- [Stimulability approach- Speech sound intervention for Persian speaking children], [Setayesh-e-Hasti publishing], [2018], [Ilkhani z, Zarifian T, Kianfar F], [ISBN: 978-600-8835-60], [in Persian].
- 6- [Sometimes I just stutter-translated to Persian], [Amoozeshpub], [2017], [Ebrahimipour M, Zarifian T], [ISBN:978-600-5819-23-6], [in Persian].
- 7- [Picture-Written Communication Tool], [Setayesh-e-Hasti publishing], [2018], Bagherpour P, Zarifian T, [ISBN:978-600-8835-387] [in Persian].
- 8- [Early Intervention Protocol for Developmental Dysarthria], [University of Social Welfare and Rehabilitation Sciences Publishing], [2018], [Shahshahani S, Zarifian T,

Farazi M, Ebrahimi F], [ISBN:978-600-6442-67-9], [in Persian].

9- [Early Intervention Protocol for phonetic and Phonological Disorders in children], [University of Social Welfare and Rehabilitation Sciences Publishing], [2018], [Zarifian T, Shahshahani S, Ghorbani A, Shahriyari M], ISBN: 978-600-6442-71-6 , [in Persian].

10- [Augmentative Alternative communication], [University of Social Welfare and Rehabilitation Sciences Publishing], [2017], [Zarifian T, Malekian M, Seifi M], [ISBN: 978-600-6442-56-3], [in Persian].

11- [Persian Diagnostic Evaluation Articulation and Phonology], [University of Social Welfare and Rehabilitation Sciences Publishing], [2018], [Zarifian T], [ISBN: 978-600-4423-72], [in Persian].

12- [An illustrated Dictionary of Persian Consonant Clusters], [University of Social Welfare and Rehabilitation Sciences Publishing], [2016], [Zarifian T, Ilkhani Z, Satarian F, Golmohamadi H], [ISBN: 978-600-6442-35-8], [in Persian].

### Research topics

1. [Design and developing the virtual reality games and study their effectiveness in comparison with the conventional intervention on the social-communication skill of school-aged children with autism spectrum disorder: Study protocol for a randomized controlled trial], [2022], [Talieh Zarifian, Hassan Yazdanian, AmirMohammad Vakili, Ariana Soltani, Zohre Bagheri, Rekhne, Sajjad Zareii, Mohsen Vahedi], [ethical code: IR.USWR.REC.1401.177]. (approved and in process).
2. [Experience and Performance of Iranian speech therapists in assessment and treatment of speech sound disorders], [2022], [Mersede Imani, Talieh Zarifian, Mina Fotuhi], [ethical code: IR.USWR.REC.1401.141]
3. [Developing a standard test battery for diagnosis of Childhood Apraxia of Speech for Persian speaking children and evaluating its reliability and validity], [2021], [Zarifian T, Imani M, Ahmadi A], [ethical code:IR.USWR.REC.1400.094].
4. Diagnostic Test of reading disorders in Persian-Second Version ( KHANA)], [Zarifian T, Ashtari A, Nilipour R, Nematzadeh S.], [ethical code: IR.USWR.REC.1398.114]
5. Family-centered rehabilitation package of the communication, language, speech and swallowing impairments in Iranian children aged 0-5 years- Main collegue-2016-2020.
6. A survey of knowledge and experience of Iranian speech language pathologists about diagnosis, evaluation and treatment of Childhood Apraxia of Speech - Executor-2018-2019.
7. [Study of quality of life in children with cleft palate before and after speech therapy], [2019], [Baghban K, Derakhshandeh F, Adibi A, Shati M, Khanlar F, Mosajeran F, Zarifian T].
8. [Production and Evaluation of a Persian Version of Little EARS Auditory Questionnaire for the assessment of auditory development in Children], [2019], [Talieh Zarifian, Guita Movallali, Mona Ebrahimipour]

9. *Early intervention in speech and Language Disorders. Pediatric neuro rehabilitation research center, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran; 2014-2017.*
10. *Study of the Speech Sound Development in 3-6 Persian Speaking Children University of Social Welfare and Rehabilitation Sciences, Tehran, Iran. Executor- 2014 to 2016*
11. *Comparative Research on Syntactical Skills of Preschool Persian Hearing Impaired with their typically normal Peers. University of Social Welfare and Rehabilitation Sciences, Tehran, Iran. Executor- 2012*
12. *Study of some language characteristics of Hearing-Impaired Children, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran, Main colleague-2009*

### **University Awards and Honors**

1. Top Professor, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran (2025)
2. Top Professor, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran (2022)
3. Top Professor, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran (2019)
4. Top Professor, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran (2017)
5. Top researcher, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran, [2022]

### **Thesis Supervision**

**PhD. Main supervisor of eight Ph.D. dissertations and co-supervisor of two Ph.D. dissertations.**

1. *The acquisition and accuracy of polysyllabic words' production in typically developing Persian-speaking children aged 24 to 84 months (Mersedeh Imani- started at :2023-2025)*
2. *Development and Validation of an Azeri-Turkish Grammar Comprehension Test for 4-6 Years Old Children (co-Supervisor) (Fatemeh Fekar Gharamaleki, 2021-2024)*
3. *A comparison of the effect of the Gradual Increase Length and Complexity of Utterance (GILCU) program and the Phonological Processing Treatment and the combination them (GILCU-PPT) on fluency of speech of pre-school Persian speaking children with stuttering (Akram Valizadeh-started at 2022-in process)*
4. *Development of Enhanced Milieu Teaching with Phonological Emphasis, Telepractice and Parent – Implemented Protocol and Investigating Its Effectiveness on Speech and Language Development of Persian Toddlers with Cleft Lip and /or Palate (Neda Tahmasbi- In process, started at :2021)*
5. *Investigating the declarative and procedural memory across verbal and motor modalities in 7 to 9 years old children with developmental language disorder and comparison with normal peers (Maryam Malekian-2022)*
6. *Executive functions in Persian-speaking preschool children with speech sound disorders and comparison to their typically developing peers (MohamadReza Afshar-2021)*
7. *The effect of maternal emotional regulation strategies in response to their children's emotional excitement on emotional reactivity, regulation and speech disfluencies in 4 to 6 year's old children who stutter (Golnoosh Golmohammadi-2021)*

8. *Study of the Efficacy of Phonological Treatment Approach on Compensatory Articulation Errors in Children with Cleft Palate using Ultrasound and Perceptual Assessments (Kowsar Baghban-2020)*
9. *The study of relationship between fast mapping of words and language development in 30- and 36-months old Persian-speaking late-talking and normal toddlers (Mozhgan Asadi-2019)*
10. *Development and validation of articulation test for Persian speaking children aged 3 to 5 years (co-Supervisor) (Akram Ahmadi-2014)*

*Supervisor and advisor of 31 Master thesis*

1. *Determining the psychometric properties of the reading test (Khana-2) in typically developing Persian-speaking students from grades 2 to 6 in elementary schools in Tehran (Kharazi Baheri P, 2026)*
2. *Investigation of the oral reading fluency (ORF) based on the khana test in the second to fourth grade of Persian speaking students in Tehran (Barati Z, 2026)*
3. *An Examination of Prosodic Reception and Expression in Persian-Speaking Children Aged 3 to 5 Years with Typical Development (Arbabi T, 2025)*
4. *Standardisation of communication skills checklist in 6-24 month old Persian-speaking children (Ghovati, 2025)\_ (Advisor)*
5. *Investigating morphological-syntactic and semantic measures in Azeri-Persian bilingual children aged 5.5 to 6.5 years with and without language impairment (Azimi Maral, 2024)*
6. *Effect of PIOMI combined with music therapy on feeding progression of premature infants (Shokri, E.2022)*
7. *Design and validation of production of multisyllabic words test in 4-7 years-old Persian speaking children in Tehran and Karaj(Abbasi H.-2022)*
8. *Non-word repetition in Persian learning toddlers with typical development (Jazem, F; 2021)*
9. *The effect of online parent-child dialogic book reading on preverbal skills and listening skills of deaf children under three years of old (Razmi s, 2021) (Advisor)*
10. *Examining the knowledge, attitude and practice in parents about communication, language, speech and swallowing development of three to five years old children (Bakhtiar Sh)*
11. *Exploring effective factors on usage augmentative and alternative communication tools in IRAN (Pouran bagherpour)*
12. *Developing a Homonym Nonword Visual Memory Task and Determining its validity and reliability in School age children (Mehdi Jamali)*
13. *Investigation of Phonological Skills in bilingual 3-5 year Persian-Arabic Speaking children In Ahvaz city (Delphi, Vafa)*
14. *The Study of Consonant Acquisition in 3-5 Azari Turkish-Speaking Children in Tabriz (Nojavan Pirehyousefan Hosein)*
15. *Exploration of professional ethical challenges in speech-language pathology: analysis of experiments of clinicians and clients, a qualitative study (Arjomandpur, Fateme)*
16. *Comparison Definitional skills in third-grade primary-school children with*

- cochlear implants and normal hearing peers (Hosseinabad, Shimai)*
17. *The effect of combined stimulation with maternal breast milk odor and non-nutritive sucking (NNS) on the time of achieving independent oral feeding in premature infants (Khodaghali, Zahra)*
  18. *Study of the Development of gestures in 12-18month Persian speaking children (Babayee Z)*
  19. *Study of the Development of gestures in 8-12month Persian speaking children (Alimoradi N)*
  20. *Study of the efficacy of CVT on the speech intelligibility of 7 – 11-year-old educable Down syndrome children who speaks Farsi (Faryabi F)*
  21. *The Study of Consonant acquisition in 3-5 Kurdi-speaking children in Bukan (Fatemi Sh)*
  22. *Developing a minimal pairs package and Determining its validity and reliability in preschool and early school age children (Ardalan H)*
  23. *Study of expressive vocabulary of 18-24 months old children in Kurmanji Kurdish (Sorani) (Zare'ee S)*
  24. *The Study of Development of Clitic Possessive Pronouns in 2.5-4:00 Persian Speaking Children (Sharifipour M)*
  25. *Study of word definition skill in School age Persian speaking children (Matloubi Sh)*
  26. *Developing phoneme deletion test in the initial, middle and final position and study of their: validity and reliability in Persian-speaking children of first to third grade (Jalaliyan M)*
  27. *Development of phonological processes in 3-6 Persian Speaking Children in Rasht (Ajvadi F)*
  28. *Syllable Repeat Ion Test(SRT): Adaptation, reliability and Validity (Mahrooghi E)*
  29. *Persian version of Children Communication Checklist-2 (CCC-2): Translation, validity and Reliability (Mahmoodi)*
  30. *Study of word definition skill in Persian 4.5 to 7.5-year-old Farsi speaking children (Malekian M)*
  31. *Developing phonological representation test and determining its validity and reliability in 4;6 to 6;6 year's old children (Golmohammadi G)*

### **Reviewer (the Journal's name)**

1. International Journal of Speech Language pathology
2. Journal of Communication Disorder
3. PLOS ONE
4. Child Language Teaching and Therapy
5. Applied Neuropsychology: Child
6. International journal of pediatric otorhinolaryngology
7. Iranian Journal of Rehabilitation (editorial board)
8. *Applied neuropsychology: Adult*
9. *Journal of Rehabilitation Medicine, Tehran, Iran-2015*
10. *International Journal of School Health, Shiraz, Iran-2015*
11. *Journal of Exceptional Children, Tehran, Iran-2015*
12. *Journal of speech and Language Pathology, Tehran, Iran-2014*
13. *Journal of Research in Medical Sciences, Tehran, Iran-2014*
14. *Journal of Research in Rehabilitation Sciences, Isfahan. Iran-2011*
15. *Journal of Audiology, Tehran, Iran-2010*

### **PROFESSIONAL TEACHING EXPERIENCE**

1. *Speech & language Developmental Indices*  
*Ph.D. course-2016 - up to now*
2. *Scientific Writing*  
*M.Sc. course- 2015- up to now*
3. *Speech Sound Disorders (Assessment and management)*  
*M.Sc. course-2014- up to now*
4. *Augmentative Alternative Communication*  
*B.Sc. course- 2010 -2021*
5. *Speech and Language Disorders in Hearing Impaired*  
*B.Sc. course- 2011*
6. *Fundamental of Speech therapy*  
*B.Sc. course- 2010 to 2011*
7. *Research Method*  
*B.Sc. course- 2011 to 2012*
8. *Models and Theories of Speech Sound production*  
*Ph.D. course- 2022*
9. *Clinical Research Seminars in Speech and Language pathology*  
*Ph.D. course-2011 and 2015*

### ***Membership in Societies and Scientific Committees***

1. Member of the Specialized Speech Therapy Board of the Ministry of Health of Iran [2019-up to now].
2. Member of the Iranian Scientific Association of Speech Therapy [2009- up to now].
3. Member of ethic committee of University of Social Welfare and Rehabilitation Sciences [2022-up to now].
4. Member of research committee of Speech Therapy Department of University of Social Welfare and Rehabilitation Sciences [2015- up to now].
5. Member of editorial board of Iranian Journal of Rehabilitation [2019-uo to now].