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Education Information

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

French, B1 Intermediate

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Physical Medicine and Rehabilitation

Academic Titles / Tasks

Professor, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 1982 - Continues

Academic and Administrative Experience

İstanbul Üniversitesi, Fiziksel Tıp Ve Rehabilitasyon, 2008 - 2011

İstanbul Üniversitesi, Fizik Tedavi Ve Rehabilitasyon Yüksekokulu, 1999 - 2008

İstanbul Üniversitesi, Engelliler Uygulama Ve Araştırma Merkezi, 2003 - 2005

Advising Theses

ORAL A., İşlevsellik, Yetiştirimi ve Sağlığın Uluslararası Sınıflandırılması Kapsamında 65 Yaş ve Üstü Bireylerde Sağlıkla İlgili Sık Rastlanılan Sorunların ICF Kontrol Listesi ve Çeşitli Ölçekler Kullanılarak Belirlenmesi, Expertise In Medicine, B.TEKSÖZ(Student), 2012

ORAL A., Omuz subakromiyal sıkışma sendromu olan hastalarda yumuşak doku ve eklem mobilizasyon tekniklerinin

kişinin ağrısı ve fonksiyonelliği üzerine etkisinin araştırılması, Doctorate, F.ŞULE(Student), 2010

ORAL A., Diz osteoartriti olan hastalarda patellar bantlama ve klasik denge egzersizlerinin etkinliğinin karşılaştırılması, Postgraduate, F.GONCA(Student), 2009

ORAL A., Kronik mekanik bel ağrılı hastaların rehabilitasyonunda Pilates'e dayalı egzersizlerin etkinliği, Postgraduate, A.ZENGİN(Student), 2007

ORAL A., Osteoporozlu hastalarda yaşam kalitesi ve yaşam kalitesine etki eden faktörler, Postgraduate, A.ÇAKMAK(Student), 2005

ORAL A., Egzersizin kantitatif ultrason parametrelerine etkisi, Postgraduate, D.TARAKCI(Student), 2002

ORAL A., Diz fleksiyon ve ekstansiyon kas gücünün İzokinetik Dinamometre`de değerlendirilmesi, Postgraduate, A.TURA(Student), 1996

ORAL A., Hastane-içi kardiyak rehabilitasyonunun egzersiz testi performansına, anksiyete ve depresyona, risk faktörleri modifikasyonuna ve yaşam kalitesine etkileri, Postgraduate, N.ÖZGER(Student), 1995

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The influence of bias in randomized controlled trials on rehabilitation intervention effect estimates: what we have learned from meta-epidemiological studies**
Arienti C., Armijo-Olivo S., Ferriero G., Feys P., Hoogbeem T., Kiekens C., Lazzarini S. G., Minozzi S., Negrini S., Oral A., et al.
European Journal of Physical and Rehabilitation Medicine, vol.60, no.1, pp.135-144, 2024 (SCI-Expanded)
- II. **Relevance and use of health policy, health systems and health services research for strengthening rehabilitation in real-life settings: methodological considerations**
Frontera W. R., Cordani C., Décary S., De Groote W., Delfuria M. J., Feys P., Jette A. M., Kiekens C., Negrini S., Oral A., et al.
European Journal of Physical and Rehabilitation Medicine, vol.60, no.1, pp.154-163, 2024 (SCI-Expanded)
- III. **Development of simple descriptions of the ICF Generic-30 Set in different languages: laying the foundation for an ICF-based clinical tool for Europe**
Oral A., Kiekens C., DE Vriendt P., Satink T., VAN DE Velde D., Grazio S., Moslavac S., Schnurrer-Luke-Vrbanić T., Vlák T., Kontaxakis A., et al.
European journal of physical and rehabilitation medicine, vol.59, no.3, pp.271-283, 2023 (SCI-Expanded)
- IV. **Does Exercise-Based Cardiac Rehabilitation Reduce Mortality and Hospitalization Rates after Heart Valve Surgery?: A Cochrane Review Summary with Commentary**
Akpınar F. M., Oral A.
American Journal of Physical Medicine and Rehabilitation, vol.102, no.2, pp.169-171, 2023 (SCI-Expanded)
- V. **Shedding light on work-related and non-work-related hand injuries from the social work perspective**
Is E. E., Gudek K., Oral A., Sindel D.
Work (Reading, Mass.), vol.75, no.3, pp.859-867, 2023 (SSCI)
- VI. **he European Board of Physical and Rehabilitation Medicine perspective on the name of our specialty**
Barotsis N., ORAL A., Frischknecht R., Tederko P., Janssen W., Zampolini M.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, no.6, pp.802-804, 2022 (SCI-Expanded)
- VII. **Time to replace the inappropriate old name of Physiotherapy for the medical specialty of Physical and Rehabilitation Medicine in official EU documents**
Zampolini M., Treger I., Nulle A., Kiekens C., Aguiar Branco C., Barotsis N., Frischknecht R., Tederko P., Janssen W., Christodoulou N., et al.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, no.6, pp.799-801, 2022 (SCI-Expanded)
- VIII. **How effective are antioxidants in preventing respiratory decline in individuals with Duchenne muscular dystrophy with progressive worsening of breathing? A Cochrane Review summary with commentary**
Oral A.
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.64, no.9, pp.1059-1062, 2022 (SCI-Expanded)

- IX. **The Individual Rehabilitation Project as the core of person-centered rehabilitation: the Physical and Rehabilitation Medicine Section and Board of the European Union of Medical Specialists Framework for Rehabilitation in Europe**
Zampolini M., Selb M., Boldrini P., Branco C. A., Golyk V., Hu X., Kiekens C., Negrini S., Nulle A., Oral A., et al.
European journal of physical and rehabilitation medicine, vol.58, no.4, pp.503-510, 2022 (SCI-Expanded)
- X. **A systematic review of clinical practice guidelines for persons with osteoarthritis. A "Best Evidence for Rehabilitation" (be4rehab) paper to develop the WHO's Package of Interventions for Rehabilitation**
Oral A., Arman S., TARAKCI E., Patrini M., Arienti C., Etemadi Y., Rauch A., Negrini S.
INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES, vol.25, no.4, pp.383-393, 2022 (SCI-Expanded)
- XI. **Are implementation interventions effective in promoting the adoption of evidence-based practices in stroke rehabilitation? A Cochrane Review summary with commentary**
Oral A.
NEUROREHABILITATION, vol.50, no.2, pp.255-258, 2022 (SCI-Expanded)
- XII. **Is telerehabilitation effective and safe for individuals with chronic respiratory disease?-Cochrane Review summary with commentary**
Oral A.
PM&R, vol.13, no.9, pp.1058-1060, 2021 (SCI-Expanded)
- XIII. **Cochrane Rehabilitation: 2020 annual report**
Arienti C., Kiekens C., Bettinsoli R., Engkasan J. P., Frischknecht R., Gimigliano F., Grubisic F., Howe T., Iannicelli V., Ilieva E., et al.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.57, no.2, pp.303-308, 2021 (SCI-Expanded)
- XIV. **Manual Lymphatic Drainage May Not Have an Additional Effect on the Intensive Phase of Breast Cancer-Related Lymphedema: A Randomized Controlled Trial**
Sen E. I., Arman S., Zure M., Yavuz H., Sindel D., Oral A.
LYMPHATIC RESEARCH AND BIOLOGY, vol.19, pp.141-150, 2021 (SCI-Expanded)
- XV. **Are environmental and behavioral interventions effective in reducing physical activity limitation and preventing falls in the visually impaired older individuals? - A Cochrane Review summary with commentary**
Sindel D., Oral A.
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.67, no.2, pp.250-253, 2021 (SCI-Expanded)
- XVI. **Are environmental and behavioural modifications useful for improving food and liquid intake in individuals with dementia? A Cochrane Review summary with commentary**
Oral A.
AUSTRALASIAN JOURNAL ON AGEING, vol.39, no.3, pp.313-316, 2020 (SCI-Expanded)
- XVII. **The Cochrane Corners by Cochrane Rehabilitation**
Oral A., Arienti C., Lazzarini S. G., Grubisic F., Kiekens C., Negrini S.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.56, no.4, pp.529-534, 2020 (SCI-Expanded)
- XVIII. **ISPRM/ESPRM guidelines on Physical and Rehabilitation Medicine professional practice for adults with obesity and related comorbidities**
Giusti E. M., Spatola C. A., Brunani A., Kumbhare D., Oral A., Ilieva E., Kiekens C., Pietrabissa G., Manzoni G. M., Imamura M., et al.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.56, no.4, pp.496-507, 2020 (SCI-Expanded)
- XIX. **Is Botulinum Toxin Type A Efficacious, Safe, and Tolerable in Cervical Dystonia? A Cochrane Review Summary With Commentary**
Oral A.
AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.99, no.7, pp.649-651, 2020 (SCI-Expanded)

- XX. **How effective are self-management interventions for children with epilepsy? A Cochrane Review summary with commentary**
Oral A.
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.62, no.5, pp.551-553, 2020 (SCI-Expanded)
- XXI. **Cochrane Rehabilitation: 2019 annual report**
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- XXII. **Is multidisciplinary biopsychosocial rehabilitation effective on pain, disability, and work outcomes in adults with subacute low back pain? A Cochrane Review summary with commentary.**
Oral A.
Musculoskeletal science & practice, vol.44, pp.102065, 2019 (SCI-Expanded)
- XXIII. **Promoting the development and visibility of primary research in rehabilitation: Labs and My Rehab Thesis sessions in European Society of Physical and Rehabilitation Medicine 2018 Congress**
Oral A., Delarque A.
ANNALS OF PHYSICAL AND REHABILITATION MEDICINE, vol.62, no.5, pp.389-391, 2019 (SCI-Expanded)
- XXIV. **European Framework of Rehabilitation Services Types: the perspective of the Physical and Rehabilitation Medicine Section and Board of the European Union of Medical Specialists**
STUCKI G., ZAMPOLINI M., SELB M., CERAVOLO M. G., DELARGY M., Varela Donoso E., Kiekens C., CHRISTODOULOU N., AVELLANET M., BOLDRINI P., et al.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.55, no.4, pp.411-417, 2019 (SCI-Expanded)
- XXV. **The ability of calcaneal and multisite quantitative ultrasound variables in the identification of osteoporosis in women and men.**
Oral A., Esmaeilzadeh S., Yaliman A., Sindel D., Koseoglu P. K., Aydin T.
Turkish journal of physical medicine and rehabilitation, vol.65, no.3, pp.203-215, 2019 (SCI-Expanded)
- XXVI. **Cochrane Rehabilitation: 2018 annual report**
Negrini S., Arienti C., Engkasan J. P., Gimigliano F., Grubisic F., Howe T., Ilieva E., Lazzarini S. G., Levack W. M., Malmivaara A., et al.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.55, no.2, pp.314-318, 2019 (SCI-Expanded)
- XXVII. **Reliability and validity of Turkish version of Lymphedema Life Impact Scale**
Degirmenci B., Tunzun S., Of N. S., Oral A., Sindel D.
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.65, no.2, pp.147-153, 2019 (SCI-Expanded)
- XXVIII. **Are person- and work-directed interventions effective for enhancing return-to-work in patients with coronary heart disease? A Cochrane Review summary with commentary**
Oral A., Sindel D.
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.65, no.4, pp.402-405, 2019 (SCI-Expanded)
- XXIX. **Cochrane Corners in JMNI**
Lyritis G. P., Rizou S., Oral A., Arienti C.
JOURNAL OF MUSCULOSKELETAL & NEURONAL INTERACTIONS, vol.18, no.4, pp.402-403, 2018 (SCI-Expanded)
- XXX. **Evidence-based position paper on Physical and Rehabilitation Medicine (PRM) professional practice for people with cardiovascular conditions. The European PRM position (UEMS PRM Section)**
Juocevicius A., Oral A., Lukmann A., Takac P., Tederko P., Haznere I., Aguiar-Branco C., Lazovic M., Negrini S., Varela Donoso E., et al.
EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.54, no.4, pp.634-662, 2018 (SCI-Expanded)
- XXXI. **Evidence-based position paper on Physical and Rehabilitation Medicine (PRM) professional practice**

for people with respiratory conditions. The European PRM position (UEMS PRM Section)

Oral A., JUOCEVICIUS A., LUKMANN A., TAKAC P., TEDERKO P., HAZNERE I., AGUIAR-BRANCO C., LAZOVIC M., Negrini S., Varela Donoso E., et al.

EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.54, no.4, pp.624-649, 2018 (SCI-Expanded)

XXXII. Cochrane Rehabilitation: report of the first year of work

Negrini S., ARIENTI C., POLLET J., ENKASAN J. P., GIMIGLIANO F., GRUBISIC F., HOWE T., Ilieva E., LEVACK W., MALMIVAARA A., et al.

EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.54, no.3, pp.463-465, 2018 (SCI-Expanded)

XXXIII. White Book on Physical and Rehabilitation Medicine in Europe Introductions, Executive Summary, and Methodology

Negrini S., Moslavac S., Cantista P., Ceravolo M. G., Christodoulou N., Delarque A., Gutenbrunner C., Kiekens C., Varela-Donoso E., Ward A. B., et al.

EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.54, no.2, pp.125-155, 2018 (SCI-Expanded)

XXXIV. Authors' Response to a Letter to the Editor on Radial Extracorporeal Shockwave in the Management of Lateral Epicondylitis

Capan N., Esmaeilzadeh S., Oral A., Basoglu C., Karan A., Sindel D.

AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.97, no.2, 2018 (SCI-Expanded)

XXXV. The Cochrane Corners in NeuroRehabilitation: A Cochrane Rehabilitation initiative

Zasler N., Kreutzer J., Arienti C., Oral A.

NEUROREHABILITATION, vol.43, no.2, pp.111-112, 2018 (SCI-Expanded)

XXXVI. Does cognitive rehabilitation improve occupational outcomes including employment and activities of daily living, as well as quality of life and community integration in individuals with traumatic brain injury? - A Cochrane Review summary with commentary

Oral A.

NEUROREHABILITATION, vol.43, no.4, pp.525-528, 2018 (SCI-Expanded)

XXXVII. Evidence based position paper on Physical and Rehabilitation Medicine (PRM) professional practice for ageing people with disabilities. The European PRM position (UEMS PRM Section)

Oral A., Rapidi C., Votava J., Roussos N., Michail X., Kujawa J., Negrini S., Varela Donoso E., Christodoulou N.

EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.53, no.5, pp.802-821, 2017 (SCI-Expanded)

XXXVIII. Evidence-based position paper on Physical and Rehabilitation Medicine (PRM) professional practice for people with obesity and related comorbidities. The European PRM position (UEMS PRM Section)

Capodaglio P., Ilieva E., Oral A., Kiekens C., Negrini S., Donoso E. V., Christodoulou N.

EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE, vol.53, no.4, pp.611-624, 2017 (SCI-Expanded)

XXXIX. The effects of long- and short-term interdisciplinary treatment approaches in women with fibromyalgia: a randomized controlled trial.

Saral I., Sindel D., Esmaeilzadeh S., Sertel-Berk H. Ö., Oral A.

Rheumatology international, vol.36, pp.1379-89, 2016 (SCI-Expanded)

XL. The utility of dual-energy X-ray absorptiometry, calcaneal quantitative ultrasound, and fracture risk indices (FRAX® and Osteoporosis Risk Assessment Instrument) for the identification of women with distal forearm or hip fractures: A pilot study.

Esmaeilzadeh S., Cesme F., Oral A., Yaliman A., Sindel D.

Endocrine research, vol.41, no.3, pp.248-60, 2016 (SCI-Expanded)

XLI. Radial Extracorporeal Shock Wave Therapy Is Not More Effective Than Placebo in the Management of Lateral Epicondylitis: A Double-Blind, Randomized, Placebo-Controlled Trial.

Capan N., Esmaeilzadeh S., Oral A., Basoglu C., Karan A., Sindel D.

American journal of physical medicine & rehabilitation, vol.95, no.7, pp.495-506, 2016 (SCI-Expanded)

- XLII. **Cervical spinal cord injury presenting with refractory orthostatic hypotension: a case report**
Dernek B., Oral A., Aydin R., Capan N., Esmaeilzadeh S.
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.62, no.2, pp.162-166, 2016 (SCI-Expanded)
- XLIII. **World Report on Disability: analysis of the disability issues and contributions of physical medicine and rehabilitation medical specialty in Turkey**
Oral A., Aydin R., Ketenci A., Akyuz G., Sindel D., Yaliman A.
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- XLIV. **The effects of two different frequencies of whole-body vibration on knee extensors strength in healthy young volunteers: a randomized trial.**
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- XLV. **The effects of two different frequencies of whole-body vibration on knee extensors strength in healthy young volunteers: a randomized trial**
Esmaeilzadeh S., Akpinar M., Polat S., Yıldız A., Oral A.
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- XLVI. **The utility of the International Classification of Functioning, Disability and Health checklist for evaluating disability in a community-dwelling geriatric population sample.**
Dernek B., Esmaeilzadeh S., Oral A.
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- XLVII. **Compliance, persistence, and preference outcomes of postmenopausal osteoporotic women receiving a flexible or fixed regimen of daily risedronate: A multicenter, prospective, parallel group study**
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- XLVIII. **Evidence-Based Physical Medicine and Rehabilitation Strategies for Patients with Cervical Radiculopathy Due to Disc Herniation**
Oral A., Sindel D., Ketenci A.
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- XLIX. **Musculo skeletal perioperative problems. The role of physical and rehabilitation medicine physicians. The European perspective based on the best evidence. A paper by the UEMS-PRM Section Professional Practice Committee**
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- L. **Shoulder pain management. The role of physical and rehabilitation medicine physicians. The European perspective based on the best evidence A paper by the UEMS-PRM Section Professional Practice Committee**
Varela E., Valero R., KÜÇÜKDEVECİ A. A., ORAL A., Ilieva E., Berteanu M., Christodoulou N.
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- LI. **Local soft tissue musculoskeletal disorders and injuries. The role of physical and rehabilitation medicine physicians. The European perspective based on the best evidence A paper by the UEMS-PRM Section Professional Practice Committee**
Oral A., ILIEVA E. M., KUCUKDEVECİ A. A., VARELA E., VALERO R., BERTEANU M., CHRISTODOULOU N.
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- LII. **Spinal pain management. The role of physical and rehabilitation medicine physicians. The European**

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LIII. Osteoporosis. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence

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LIV. Inflammatory arthritis. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence

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LV. Osteoarthritis. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence

Ilieva E. M., ORAL A., KÜÇÜKDEVECİ A. A., Varela E., Valero R., Bertreanu M., Christodoulou N.
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LVI. Generalised and regional soft tissue pain syndromes. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence

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LVIII. Physical medicine and rehabilitation approaches in the management of radicular low back pain: A review of the evidence and current recommendations Radiküler bel ağrılarının tedavisinde fiziksel tıp ve rehabilitasyon yaklaşımları: En uygun ve etkin tedavinin belirlenmesi amacıyla kanıtların gözden geçirilmesi ve güncel öneriler

ORAL A., KETENCİ A.

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LIX. World Report on Disability: A Call to Action

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LX. Calcaneal quantitative ultrasound measurements in young male and female professional dancers

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LXI. The assessment of bone with calcaneal ultrasound in a Turkish population

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LXII. Quantitative ultrasound of the calcaneus in healthy Turkish men

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- OSTEOPOROSIS INTERNATIONAL, vol.11, 2000 (SCI-Expanded)
- LXIV. **REGIONAL DIFFERENCES IN HIP FRACTURE RISK IN TURKEY**
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- LXV. **CIRCUMSTANCES AROUND FALLS AND RESULTANT HIP-FRACTURES**
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- LXVI. **BONE-DENSITY VALUES MEASURED BY DEXA IN PATIENTS TREATED WITH SALMON-CALCITONIN NASAL SPRAY AND CALCIUM**
ORAL A., DİLŞEN G., YAHMAN A., AYDIN R.
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Metrics

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Non Academic Experience

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