

Articles

Ent and head & neck Research center

The Five Senses Health Institute

Iran University of Medical Sciences

- Radiopharmaceuticals: navigating the frontier of precision medicine and therapeutic innovation (2024)
- Correlation between melphalan chemotherapy with longitudinal global strain indices of the left ventricle in multiple myeloma patients: A velocity vector imaging (VVI) echocardiography study (2024)
- Dexmedetomidine versus remifentanyl in nasal surgery: a systematic review and meta-analysis (2024)
- Immune endotyping and gene expression profile of patients with chronic rhinosinusitis with nasal polyps in the aspirin-exacerbated respiratory disease (AERD) and the non-AERD subgroups (2024)
- Letter to Editor regarding "A call for the need of a new neurosurgical subspecialty in the Asian continent- neuroplastic surgery (2024)
- A new approach to prevent radiation-induced xerostomia using intraglandular injection of mitochondria-boosting agents(2024)

- Advances in personalized radiotherapy(2024)
- Blueberries in focus: Exploring the phytochemical potentials and therapeutic applications(2024)
- Nanodelivery of antioxidant Agents: A promising strategy for preventing sensorineural hearing loss(2024)
- Platelet-Rich Fibrin impact on the Diced Cartilage viability in Rhinoplasty(2024)
- Intra and inter-regional functional connectivity of the human brain due to Task-Evoked fMRI Data classification through CNN & LSTM(2024)
- Features and evaluation of mucormycosis in COVID-19 patients from two referral hospitals in Iran(2024)
- Suppressor of Cytokine Signaling Proteins 3 and 5 Potentially Delineate Polarization of Th cells in Chronic Rhinosinusitis(2024)
- Silk fibroin-gelatin films crosslinked by genipin for regenerating tympanic membrane perforations(2024)
- Effects of Frequency-Controlled Ear Acupuncture on COVID-19- related Refractory Olfactory Dysfunction: a Randomized Clinical Trial(2024)

- S100a9 might act as a modulator of the Toll-like receptor 4 transduction pathway in chronic rhinosinusitis with nasal polyps(2024)
- Improvement of spatial learning and memory deficits by intranasal administration of human olfactory ecto-mesenchymal stem cells in an Alzheimer's disease rat model(2024)
- A Unique Intersection: Exploring Cerebral Anomalies in Klinefelter Syndrome(2024)
- Photobiomodulation therapy in improvement of harmful neural plasticity in sodium salicylate-induced tinnitus(2024)
- Underestimated olfactory domains in Huntington's disease: odour discrimination and threshold(2024)
- Alginate hydrogel-PCL/gelatin nanofibers composite scaffold containing mesenchymal stem cells-derived exosomes sustain release for regeneration of tympanic membrane perforation(2024)
- Application of artificial intelligence (AI) to control COVID-19 pandemic: Current status and future prospects(2024)
- Neurodegeneration with Brain Iron Accumulation Disorders and Retinal Neurovascular Structure(2024)
- Nanofiber/hydrogel composite scaffolds based on alginate sulfate and extracellular matrix for cartilage tissue engineering applications(2024)

- Comparison of Laryngeal Palpatory Scale (LPS), With Surface Electromyographic Measures in Patients with Muscle Tension Dysphonia(2024)
- Transcranial sonography in neurodegeneration with brain iron accumulation disorders(2024)
- Reinforcement" by Tumor Microenvironment: The Seventh "R" of Radiobiology(2024)
- A Critical Review on the Role of Probiotics in Lung Cancer Biology and Prognosis(2024)
- Role of Electrodiagnostic Modalities in Detection of Nasal Septal Deviation
- SmellIdentification Test (SIT) for Early Diagnosis of COVID-19: Demographics and Symptoms During the First Three Pandemic Waves in Iran
- Qualitative Analysis of Newborn Hearing Screening Program in Iran(2024)
- Cochlear Implantation in Children with Meningitis: A Multicenter Study on Auditory Performance and Speech Production Outcomes(2024)
- Olfactory status in neurodegeneration with brain iron accumulation disorders

- Estimation of Ambulation and Survival in Neurodegeneration with Brain Iron Accumulation Disorders(2024)
- The Traces of Dysregulated lncRNAs-Associated ceRNA Axes in Retinoblastoma: A Systematic Scope Review(2024)
- Targeted Delivery of Diphtheria Toxin into VEGFR1/VEGFR2 Overexpressing Cells Induces Anti-angiogenesis Activity(2024)
- Possible roles of phytochemicals with bioactive properties in the prevention of and recovery from COVID-19(2024)
- A Critical Review on the Long-Term COVID-19 Impacts on Patients With Diabetes(2024)
- Voice as an indicator for laryngeal disorders using data mining approach(2024)
- Emergence of graphene as a novel nanomaterial for cardiovascular applications(2024)
- Evaluating of Supraglottic Subunits in Swallowing Function in Supraglottic Cancer Patients Pre- and Post-Transoral Laser Microsurgery (2024)
- Antibacterial aligned nanofibrous chitosan/PVA patch for repairing chronic tympanic membrane perforations (2023)

- Fabrication and optimization of multilayered composite scaffold made of sulfated alginate-based nanofiber/decellularized Wharton's jelly ECM for tympanic membrane tissue engineering (2023)
- Intranasal delivery of sunitinib: A new therapeutic approach for targeting angiogenesis of glioblastoma (2023)
- Baseline cardiac risk profile determines radiation-induced cardiac toxicity in patients with mid-lower esophageal cancer (2023)
- A narrative review on the role of magnesium in immune regulation, inflammation, infectious diseases, and cancer (2023)
- The genetic landscape and possible therapeutics of neurofibromatosis type 2
- Intranasal delivery of stem cells labeled by nanoparticles in neurodegenerative disorders: Challenges and opportunities (2023)
- Correction: A narrative review on the role of magnesium in immune regulation, inflammation, infectious diseases, and cancer (Journal of Health, Population and Nutrition, (2023), 42, 1, (74), 10.1186/s41043-023-00423-0)

- Intra-prostatic gold fiducial marker insertion for image-guided radiotherapy (IGRT): five-year experience on 795 patients (2023)
- Acoustic and optoacoustic stimulations in auditory brainstem response test in salicylate induced tinnitus (2023)
- The nasal emissary vein and its importance(2023)
- Y" anastomosis, a solution in doubtful venous anastomosis: a case report and review of the literature (2023)
- Nasal muscle function using electromyography (EMG) and nerve conduction velocity (NCV) in sub- and supra-perichondrial rhinoplasty (2023)
- The Effect of Chitosan/Alginate/Graphene Oxide Nanocomposites on Proliferation of Mouse Spermatogonial Stem Cells (2023)
- Genetic insights into PHARC syndrome: identification of a novel frameshift mutation in ABHD12 (2023)
- Severe acute respiratory syndrome coronavirus 2 and Legionella co-infection in a child with sleep disorder: a case report (2023)

- Non-coding RNA-mediated epigenetic alterations in Grave's ophthalmopathy: A scoping systematic review (2023)
- Nasopharyngeal Branchial Cyst and Thornwaldt Cyst in a Patient with Hearing Loss after Coronavirus Infection (2023)
- Extracting Potential New Targets for Treatment of Adenoid Cystic Carcinoma using Bioinformatic Methods (2023)
- Mitochondrial metabolism: a predictive biomarker of radiotherapy efficacy and toxicity (2023)
- Mitochondrial Metabolism: A New Dimension of Personalized Oncology
- An update in the applications of exosomes in cancer theranostics: from research to clinical trials (2023)
- The human neuroprotective placental protein composition suppressing tinnitus and restoring auditory brainstem response in a rodent model of sodium salicylate-induced ototoxicity (2023)
- Extracting Potential New Targets for Treatment of Adenoid Cystic Carcinoma Using Bioinformatic Methods (2023)
- Numerical investigation of airborne infection risk in an elevator cabin under different ventilation designs (2023)

- Prevalence of congenital cytomegalovirus infection in newborns admitted to the intensive care units in Tehran, Iran (2023)
- Alginate sulfate/ECM composite hydrogel containing electrospun nanofiber with encapsulated human adipose-derived stem cells for cartilage tissue engineering (2023)
- Capsaicin-loaded alginate nanoparticles embedded polycaprolactone-chitosan nanofibers as a controlled drug delivery nanoplatform for anticancer activity
- COVID-19 induced liver injury from a new perspective: Mitochondria
- An evaluation of cancer aging research group (CARG) score to predict chemotherapy toxicity in older Iranian patients with cancer (2023)
- Parotid Masson's Tumor in a 29-years-old woman: A Case Report (2023)
- Energy-pollution-health-economy nexus study in Southeast Asia (2023)
- Complications and outcomes of cochlear implantation in children younger than 12 months: A multicenter study (2023)
- Management of Patients with Concomitant Somatosensory Tinnitus and Temporomandibular Disorder: A Case Series (2023)

- Is Mitochondrial Metabolism a New Predictive Biomarker for Antiprogrammed Cell Death Protein-1 Immunotherapy? (2023)
- The Therapeutic Outcome of Sialendoscopy in Patients with Sialoadenitis (2023)
- The Metastatic Spread of Breast Cancer Accelerates during Sleep: How the Study Design can Affect the Results(2023)
- Neutrophil-to-Lymphocyte Ratio (NLR) as a Poor Predictive Biomarker for Pathological Response to Neoadjuvant Chemoradiation in Locally Advanced Rectal Cancer: A Prospective Study
- Encapsulation of stem cells (2023)
- Tissue engineered scaffold fabrication methods for medical applications
- Wound dressing based on PVA nanofiber containing silk fibroin modified with GO/ZnO nanoparticles for superficial wound healing: In vitro and in vivo evaluations (2023)
- Sumac-rose water mouthwash versus benzydamine to prevent radiation-induced oral mucositis in head and neck cancers: a phase II randomized trial
- Nanodelivery systems: An efficient and target-specific approach for drug-resistant cancers (2023)

- Brain structural analysis in patients with post-traumatic anosmia: Voxel-based and surface-based morphometry (2023)
- Ciliated, Mitochondria-Rich Postmitotic Cells are Immune-privileged, and Mimic Immunosuppressive Microenvironment of Tumor-Initiating Stem Cells: From Molecular Anatomy to Molecular Pathway (2023)
- Promotor methylation in ocular surface squamous neoplasia development: epigenetics implications in molecular diagnosis (2023)
- The brain functional connectivity alterations in traumatic patients with olfactory disorder after low-level laser therapy demonstrated by fMRI(2023)
- Electrophysiological and molecular changes following neuroprotective placental protein administration on tinnitus-induced rats (2023)
- Non-thermal CO₂ Laser Therapy (NTCLT): A Novel Photobiomodulative Approach for Immediate Pain Relief of Patchy Oral Mucositis Due to Chemotherapy of Solid Tumors (2023)
- A comparison of two chemotherapy regimens in advanced, recurrent, or metastatic salivary gland carcinoma (2023)
- Expanding phenotype heterogeneity of NARS2 by presenting subdural hematoma and parenchymal hemorrhage (2023)

- Ten Top Topics That Neuro-Otologists Think General Practitioners and Family Medicine Specialists Must Know: A Multi-Center Study Using Delphi Method (2023)
- Reducing Virus Transmission from Heating, Ventilation, and Air Conditioning Systems of Urban Subways (2023)
- Large-scale analysis of MicroRNA expression in motor neuron-like cells derived from human umbilical cord blood mesenchymal stem cells (2022)
- Association study between polymorphisms in MIA3, SELE, SMAD3 and CETP genes and coronary artery disease in an Iranian population (2022)
- A Systematic Review on Machine Learning Techniques for Early Detection of Mental, Neurological and Laryngeal Disorders Using Patient's Speech (2022)
- Ultrasmall Fe₃O₄ and Gd₂O₃ hybrid nanoparticles for T₁-weighted MR imaging of cancer (2022)
- Analysis of TMIE gene mutations including the first large deletion of exon 1 with autosomal recessive non-syndromic deafness (2022)
- Comparison of Ultrasound-Guided Superior Laryngeal Nerve Block with the Traditional Method for Direct Laryngoscopic Biopsy of Supraglottic Masses: A Clinical Trial (2022)
- Role of Superantigens in Various Childhood Inflammatory Diseases (2022)

- Targeted Anti-Mitochondrial Therapy: The Future of Oncology (2022)
- Fabrication of cell-enclosed polyvinyl alcohol/gelatin derivative microfiber through flow focusing microfluidic system (2022)
- The effect of vanadium ferrite doping on the bioactivity of mesoporous bioactive glass-ceramics (2022)
- Intratympanic corticosteroid injection as a first-line treatment of the patients with idiopathic sudden sensorineural hearing loss compared to systemic steroid: A systematic review and meta-analysis (2022)
- The Outcome of Cochlear Implantations in Deaf-Blind Patients: A Multicenter Observational Study (2022)
- Transdifferentiation of Human Umbilical Cord-Derived Mesenchymal Stem Cells in Dopaminergic Neurons in a Three-Dimensional Culture (2022)
- Human Olfactory Ectomesenchymal Stem Cells (OE-Mscs) Display Schwann Cell-Like Phenotypes and Promote Neurite Outgrowth in Vitro (2022)
- In Vitro Assessment of the Gene Expression of EZH-2 and P300 During Motor Neuron Differentiation of Human Umbilical Cord Blood Mesenchymal Stem Cells(2022)

- Ichthyosis follicularis syndromes in patients with mutations in GJB2
- Olfactory disorders: Diagnosis, evaluation, and treatment (2022)
- Hybrid electrospun scaffolds based on polylactic acid/ PAMAM dendrimer/gemini surfactant for enhancement of synergistic antibacterial ability for biomedical application (2022)
- Alterations in brain single-photon emission computed tomography perfusion pattern pre- and post-transcranial magnetic stimulation in tinnitus participants (2022)
- An additive manufacturing-based 3D printed poly ϵ -caprolactone/alginate sulfate/extracellular matrix construct for nasal cartilage regeneration (2022)
- Reorganizing brain structure through olfactory training in post-traumatic smell impairment: An MRI study (2022)
- Molecular analysis of dominant paranasal sinus bacteria in patients with and without chronic rhinosinusitis (2022)
- Three-dimensional-printed polycaprolactone/polypyrrole conducting scaffolds for differentiation of human olfactory ecto-mesenchymal stem cells into Schwann cell-like phenotypes and promotion of neurite outgrowth (2022)
- Association between Satisfaction with Nasal Appearance and Olfactory Function in Patients Undergoing Septorhinoplasty Surgery (2022)

- Lessons from Ten Years' the Prevalence of Congenital Rubella Syndrome (CRS) in the Young Population Living in a Developing Country, Tehran; Iran (2022)
- Vestibular evaluation following cochlear implantation in patients with inner-ear anomalies (2022)
- Lessons from Ten Years' the Prevalence of Congenital Rubella Syndrome (CRS) in the Young Population Living in a Developing Country, Tehran; Iran (2022)
- Vestibular evaluation following cochlear implantation in patients with inner-ear anomalies (2022)
- Development of chitosan/hyaluronic acid hydrogel scaffolds via enzymatic reaction for cartilage tissue engineering (2022)
- Strain Elastosonography Measurement in Patients with Primary Muscle Tension Dysphonia Compared with Healthy Speakers: A Pilot Study(2022)
- Assessment of Human Leukocyte Antigen Differences between Smokers with Reinke's Edema and Those with Laryngeal Cancer(2022)
- Neuroimaging in Attention-Deficit/Hyperactivity Disorder: Recent Advances(2022)

- Augmenting Peripheral Nerve Regeneration Using Hair Follicle Stem Cells in Rats(2022)
- Photobiomodulation therapy in mood disorders: a systematic review(2022)
- Novel phenotype and genotype spectrum of NARS2 and literature review of previous mutations(2022)
- Clinical Characteristics and Outcomes of COVID-19 in 1294 New Cancer Patients: Single-Center, Prospective Cohort Study from Iran(2022)
- Evaluation of Serum Immunoreactivity to Common Indigenous Iranian Inhalation and Food Allergens in Patients with Meniere's Disease(2022)
- Molecular Characterization of Fungal Colonization on the Provox™ Tracheoesophageal Voice Prosthesis in Post Laryngectomy Patients(2022)
- SCREENING ROLE OF COMPLETE BLOOD CELL COUNT INDICES AND C REACTIVE PROTEIN IN PATIENTS WHO ARE SYMPTOMATIC FOR COVID-19(2022)
- Assessment of Hearing Loss in Two-Year Follow-up Study of Neonates with Congenital Cytomegalovirus Infection(2022)
- External versus Endoscopic Dacryocystorhinostomy for Primary Acquired Nasolacrimal Duct Obstruction(2022)

- Association between TBXT rs2305089 polymorphism and chordoma in Iranian patients identified by a developed T-ARMS-PCR assay(2022)
- Evaluation of polyglycolic acid as an animal-free biomaterial for three-dimensional culture of human endometrial cells(2022)
- The Effect of *Prosopis farcta* and Its Bioactive Luteolin on the Hippocampus of Mice after Induced Ischemia Reperfusion(2022)
- An Evaluation of Maximum Safe Practice Time of Iranian Musical Instruments to Protect Noise-Induced Hearing Loss in Professionals(2022)
- A TGF-alpha and TGF-beta1 Poloxamer-based micelle/hydrogel composite: A promising novel candidate for the treatment of anosmia(2022)
- Hyperbilirubinemia and Its Effect on Auditory Perception and Speech Intelligibility in Cochlear Implanted Children (Cochlear Implantation Outcomes in Children Who Have Experienced Hyperbilirubinemia) (2022)
- Advanced Head and Neck Reconstruction; A Seven-Year Experience in Iran
- Treatment of Obstructive Sleep Apnea from an Orthodontic Standpoint: A Narrative Review(2022)
- A study of depression, partnership and sexual satisfaction in patients with post-traumatic olfactory disorders(2021)

- Nkx3-1 and Fech genes might be switch genes involved in pituitary non-functioning adenoma invasiveness(2021)
- Aspergillosis of central nervous system in patients with leukemia and stem cell transplantation: a systematic review of case reports(2021)
- In vitro characterization of human bone marrow mesenchymal stem cell-derived motor neurons induced by epigenetic modifiers(2021)
- Publisher Correction: Nkx3-1 and Fech genes might be switch genes involved in pituitary non-functioning adenoma invasiveness (Scientific Reports, (2021), 11, 1, (20943), 10.1038/s41598-021-00431-2) (2021)
- Mechanism of Anosmia Caused by Symptoms of COVID-19 and Emerging Treatments(2021)
- Mucormycosis in patients with COVID-19: A cross-sectional descriptive multicentre study from Iran(2021)
- Geraniol improved memory impairment and neurotoxicity induced by zinc oxide nanoparticles in male wistar rats through its antioxidant effect(2021)
- Differentiation of human dental pulp stem cells into functional motor neuron: In vitro and ex vivo (2021)
- studyIsolated intraconal meningioma(2021)
- An injectable anisotropic alginate hydrogel containing oriented fibers for nerve tissue engineering(2021)
- Lagophthalmos of the upper eyelid after rhinoplasty: A case report(2021)

- Matrigel enhances differentiation of human adipose tissue-derived stem cells into dopaminergic neuron(2021)
- Alginate sulfate-based hydrogel/nanofiber composite scaffold with controlled Kartogenin delivery for tissue engineering(2021)
- Magnetic Targeting of Human Olfactory Mucosa Stem Cells Following Intranasal Administration: a Novel Approach to Parkinson's Disease Treatment(2021)
- Transcranial photobiomodulation in the management of brain disorders(2021)
- Simulation and in vitro experimental studies on targeted photothermal therapy of cancer using folate-peg-gold nanorods(2021)
- Human olfactory mucosa stem cells delivery using a collagen hydrogel: As a potential candidate for bone tissue engineering(2021)
- Implantation of human olfactory ecto-mesenchymal stem cells restores locomotion in a rat model of Parkinson's disease(2021)
- How Transmembrane Inner Ear (TMIE) plays role in the auditory system: A mystery to us(2021)
- Single Free Flap for Large Defects in Head and Neck Reconstruction, Double Paddle Anterolateral Thigh Flap(2021)
- Merkel cell carcinoma on the right calf in association with chronic lymphocytic leukemia: A case report(2021)
- Orbital anatomical parameters affecting outcome of deep lateral orbital wall decompression(2021)
- From Transcriptome to Behavior: Intranasal Injection of Late Passage Human Olfactory Stem Cells Displays Potential in a Rat Model of Parkinson's Disease(2021)

- Olfactory mucosa stem cells delivery via nasal route: a simple way for the treatment of Parkinson disease(2021)
- Differentiation of mesenchymal stem cells derived from human adipose tissue into cholinergic-like cells: An in vitro study(2021)
- Type 1 diabetic manifestations in a young man triggered by COVID-19 (2021)
- Simultaneous use of two pectoralis flaps after total laryngopharyngectomy and total glossectomy - A case report study(2021)
- Promoting motor functions in a spinal cord injury model of rats using transplantation of differentiated human olfactory stem cells: A step towards future therapy(2021)
- Control of cellular adhesiveness in hyaluronic acid-based hydrogel through varying degrees of phenol moiety cross-linking(2021)
- The outcome of olfactory impairment in patients with otherwise paucisymptomatic coronavirus disease 2019 during the pandemic(2021)
- Sudden hearing loss and coronavirus disease 2019: The role of corticosteroid intra-tympanic injection in hearing improvement(2021)
- Pulmonary embolism in pregnancy with COVID-19 infection: A case report(2021)
- More attention on glial cells to have better recovery after spinal cord injury(2021)
- Bilateral striatal transplantation of human olfactory stem cells ameliorates motor function, prevents necroptosis-induced cell death and improves striatal volume in the rat model of Huntington's disease(2021)
- Gastric pull-up with laryngeal preservation of the primary synovial sarcoma of the esophagus: A case report(2021)
- Ovarian hormones prevent methamphetamine-induced anxiety-related behaviors and neuronal damage in ovariectomized rats(2021)

- Alginate-magnetic short nanofibers 3D composite hydrogel enhances the encapsulated human olfactory mucosa stem cells bioactivity for potential nerve regeneration application(2021)
- Effect of Low-Pressure Drainage Suction on Pharyngocutaneous Fistula After Total Laryngectomy(2021)
- Protective effects of the antioxidant capacity of curcumin against apoptosis on the expression level of apoptosis-related caspase-3 gene in varicocelized rats(2021)
- Recent smell loss is the best predictor of COVID-19 among individuals with recent respiratory symptoms(2021)
- Hesperidin promotes peripheral nerve regeneration based on tissue engineering strategy using alginate/chitosan hydrogel: in vitro and in vivo study(2021)
- The Prevalence of Asthma among Iranian Children and Adolescent: A Systematic Review and Meta-Analysis(2021)
- Cultural Adaptation of the Iranian Version of the Sniffin' Sticks Olfactory Test(2021)
- Situation Analysis of Ear and Hearing Care Program in Islamic Republic of Iran: System's Challenges and Proper Interventions(2021)
- Rehabilitation of children with cochlear implant in Iran: A scoping review(2021)
- The Effect of Nasal Tip Defatting on Skin Thickness in Rhinoplasty: A Quasi-Experimental Study(2021)
- The Relationship Between Reaction Time of Electrical Stapedius Reflex and Auditory Performance in Cochlear-implanted Children(2021)
- Postural control during dual task in adolescent cochlear implant users under on/off-device conditions(2021)

- Research Paper: Language Sample Analysis in Children With Cleft Lip and Palate(2021)
- Effect of Lamotrigine on Ouabain-Induced Arrhythmia in Isolated Atria of Guinea Pigs(2021)
- Cochlear implantation in an adult woman with Takayasu's arteritis: A case report(2021)
- Erratum: More Than Smell-COVID-19 Is Associated with Severe Impairment of Smell, Taste, and Chemesthesis (Chemical Senses (2020)
- Fabrication of chitosan/polyvinylpyrrolidone hydrogel scaffolds containing PLGA microparticles loaded with dexamethasone for biomedical applications (2020)
- Epidemiology, clinical features, diagnosis and treatment of cerebral mucormycosis in diabetic patients: A systematic review of case reports and case series (2020)
- Analysis of the Effects of Isotretinoin on Rhinoplasty Patients(2020)
- Cutaneous lesions and COVID-19: Cystic painful lesion in a case with positive SARS-CoV-2(2020)
- Effect of the tongue-in-groove technique on the smile form(2020)
- Walnut Kernel administration to mothers during pregnancy and lactation improve learning of their pups. Changes in number of neurons and gene expression of NMDA receptor and BDNF in hippocampus in 80 days rat pups(2020)
- Lipoma of the nasal septum: A case report(2020)
- Giant cell tumor: Changing behavior from intraorbital to intraosseous mass(2020)
- Has the chief complaint of patients with COVID-19 disease changed over time? (2020)

- Neurogenic differentiation of human dental pulp stem cells by optogenetics stimulation(2020)
- Aberrant Frequency Related Change-Detection Activity in Chronic Tinnitus(2020)
- Global study of variability in olfactory sensitivity(2020)
- Have the symptoms of patients with COVID-19 changed over time during hospitalization? (2020)
- More than smell - COVID-19 is associated with severe impairment of smell, taste, and chemesthesis(2020)
- Frequency and outcome of olfactory impairment and sinonasal involvement in hospitalized patients with COVID-19(2020)
- Endoscopic versus microscopic cartilage myringoplasty in chronic otitis media(2020)
- Human leukocyte antigen class I (A, B) and class II (DRB1) allele and haplotype frequencies in Iranian patients with Buerger's disease(2020)
- Use of alloderm graft for repairing nasoseptal perforation(2020)
- End to Side Technique": More organ preservation with less morbidity in patients with pyriform sinus apex SCC(2020)
- Proinflammatory Cytokines in the Olfactory Mucosa Result in COVID-19 Induced Anosmia(2020)
- Vascular size discrepancy in head and neck reconstruction: Our experience in micro-vascular mis-match(2020)
- Balance function after cochlear implant and inner ear anomaly: Comparison of dynamic posturography(2020)
- Modified tongue-in-groove": a new tip-plasty technique and comparison of its effect on correction of the nasolabial angle with the columellar strut technique(2020)

- New marsupialization technique in endolymphatic sac surgery(2020)
- COVID-19 pandemic and physicians in training(2020)
- Differentiation of neonate mouse spermatogonial stem cells on three-dimensional agar/polyvinyl alcohol nanofiber scaffold(2020)
- Cochlear implantation in children with inner ear malformation: A multicenter study on auditory performance and speech production outcomes(2020)
- A Novel Laryngeal Palpatory Scale (LPS) in Patients with Muscle Tension Dysphonia(2020)
- Limbic system associated membrane protein mutation in an iranian family diagnosed with ménière's disease(2020)
- Local eosinophils are associated with increased IgA subclass levels in the sinonasal mucosa of chronic rhinosinusitis with polyp patients(2020)
- The investigation of semantic memory deficit in chronic tinnitus: a behavioral report(2020)
- Validity and reliability of Persian smell identification test(2020)
- Wound healing with alginate/chitosan hydrogel containing hesperidin in rat model(2020)
- Fabrication of chitosan/agarose scaffolds containing extracellular matrix for tissue engineering applications(2020)
- Role of GJB2 and GJB6 in Iranian Nonsyndromic Hearing Impairment: From Molecular Analysis to Literature Reviews(2020)
- Protein and peptide-based delivery systems(2020)
- Isolated laryngeal sarcoidosis(2020)
- Coincidence of COVID-19 epidemic and olfactory dysfunction outbreak in Iran(2020)

- Cell encapsulation in core-shell microcapsules through coaxial electrospinning system and horseradish peroxidase-catalyzed crosslinking(2020)
- U-sniff-the international odor identification test for children: An extension of its normative database and study of global reliability(2020)
- Complete heart block and itchy rash in a patient with
 - COVID-19(2020)
- Neonatal screening for congenital cytomegalovirus infection in Tehran, Iran, using guthrie cards(2020)
- Evaluation of the effect of endoscopic partial middle-turbinectomy surgery on the quality of life of patients with chronic rhinosinusitis and nasal polyps(2020)
- Impact of Acamprosate on Chronic Tinnitus: A Randomized-Controlled Trial(2020)
- Insights into nano-photo-thermal therapy of cancer: The kinetics of cell death and effect on cell cycle(2020)
- Ear and hearing-related health literacy status of iranian adolescent and young people: A national study(2020)
- Robotic surgery of head and neck cancers, a narrative review(2020)
- Titanium snoreplasty- A new surgical technique(2020)
- Olfactory mucosa stem cells: An available candidate for the treatment of the Parkinson's disease(2019)
- Differentiation of human olfactory system-derived stem cells into dopaminergic neuron-like cells: A comparison between olfactory bulb and mucosa as two sources of stem cells(2019)
- Orbital radiologic parameters of non-syndromic exorbitism patients in comparison with normal population(2019)

- Conductive hydrogels based on agarose/alginate/chitosan for neural disorder therapy(2019)
- Reserach Paper: Trans-differentiation of human dental pulp stem cells into cholinergic-like neurons via nerve growth factor(2019)
- Acoustic Analysis of Crying Signal in Infants with Disabling Hearing Impairment(2019)
- Research paper: Developing the Persian version of sensory gating inventory and assessing its validity and reliability(2019)
- Injectable PNIPAM/Hyaluronic acid hydrogels containing multipurpose modified particles for cartilage tissue engineering: Synthesis, characterization, drug release and cell culture study(2019)
- The efficacy and safety of multiple sessions of multisite transcranial random noise stimulation in treating chronic tinnitus(2019)
- Effect of wireless remote microphone application on speech discrimination in noise in children with cochlear implants(2019)
- Biological evaluations of newly-designed Pt(II) and Pd(II) complexes using spectroscopic and molecular docking approaches(2019)
- Alginate/chitosan hydrogel containing olfactory ectomesenchymal stem cells for sciatic nerve tissue engineering(2019)
- Multisite transcranial Random Noise Stimulation (tRNS) modulates the distress network activity and oscillatory powers in subjects with chronic tinnitus(2019)
- Conductive hydrogel based on chitosan-aniline pentamer/gelatin/agarose significantly promoted motor neuron-like cells differentiation of human olfactory ecto-mesenchymal stem cells(2019)
- CAD system based on B-mode and color Doppler sonographic features may predict if a thyroid nodule is hot or cold(2019)

- Strong binding active constituents of phytochemical to BMPR1A promote bone regeneration: In vitro, in silico docking, and in vivo studies(2019)
- Impact of extremely low-frequency electromagnetic field (100 Hz, 100 G) exposure on human glioblastoma U87 cells during Temozolomide administration(2019)
- Gold nanoparticles in combinatorial cancer therapy strategies(2019)
- A thermo-responsive alginate nanogel platform co-loaded with gold nanoparticles and cisplatin for combined cancer chemo-photothermal therapy(2019)
- Objective and subjective comparison of the quality of voice between two available surgical approaches in t1b glottic cancer(2019)
- Modulation of cancer cells' radiation response in the presence of folate conjugated Au@Fe₂O₃ nanocomplex as a targeted radiosensitizer(2019)
- The potential role of auditory prediction error in decompensated tinnitus: An auditory mismatch negativity study(2019)
- Human olfactory stem cells: As a promising source of dopaminergic neuron-like cells for treatment of Parkinson's disease(2019)
- Eraser Rhinolith: A case report(2019)
-
- Differentiation of human mesenchymal stem cells (MSC) to dopaminergic neurons: A comparison between Wharton's Jelly and olfactory mucosa as sources of MSCs(2019)
- Ultrastructural and optical characteristics of cancer cells treated by a nanotechnology based chemo-photothermal therapy method(2019)
- Microtubule network as a potential candidate for targeting by gold nanoparticle-assisted photothermal therapy(2019)

- Real-time mapping of heat generation and distribution in a laser irradiated agar phantom loaded with gold nanoparticles using MR temperature imaging(2019)
- Molecular aspects of melatonin treatment in tinnitus: A review(2019)
- A national Iranian Cochlear implant registry (ICIR): Cochlear implanted recipient observational study(2019)
- In vitro cytotoxicity of folate-silica-gold nanorods on mouse acute lymphoblastic leukemia and spermatogonial cells(2019)
- Research paper: Correlation analysis of the tinnitus handicap inventory and distress network in chronic tinnitus:ANEEGStudy(2019)
- Fibromyalgia diagnostic model derived from combination of american college of rheumatology 1990 and 2011 criteria(2019)
- The resistance rate of helicobacter pylori to clarithromycin and main mutations on bacterial genomic responsible for bacterial resistance: a comparative study in children and adults, Tehran and Iran(2019)
- Toward an exploration of habituating to tinnitus: Perspectives on sensory gating(2019)
- Does the trace element deficiency (vit A, D & zinc) have any role in vulnerability to urinary tract infection in children: A case-control study: Tehran, Iran(2019)
- Determining the effect of platelet-rich plasma (PRP) on improving endoscopic sinus surgery: A randomized clinical trial study (RCT) (2019)
- Genetically modified mice-methods, applications and outlook(2019)
- Lipoma of the nasal septum: A case report(2019)
- Multimodal cancer cell therapy using Au@Fe₂O₃ core-shell nanoparticles in combination with photo-thermo-radiotherapy(2018)
- Feasibility assessment of optical coherence tomography-guided laser labeling in middle cranial fossa approach(2018)

- Selective heat generation in cancer cells using a combination of 808 nm laser irradiation and the folate-conjugated Fe₂O₃@Au nanocomplex(2018)
- Selective apoptosis induction in cancer cells using folate-conjugated gold nanoparticles and controlling the laser irradiation conditions(2018)
- Cognitive memory comparison between tinnitus and normal cases using event-related potentials(2018)
- Differentiation of neural crest stem cells from nasal mucosa into motor neuron-like cells(2018)
- Prefrontal and auditory tRNS in sequence for treating chronic tinnitus: a modified multisite protocol(2018)
- Brain waves evaluation of sound therapy in chronic subjective tinnitus cases using wavelet decomposition(2018)
- Evaluation of nonlinear optical differences between breast cancer cell lines SK-BR-3 and MCF-7; an in vitro study(2018)
- Spatial memory recovery in Alzheimer's rat model by electromagnetic field exposure(2018)
- Frequency of CD4+ and CD8+ T cells in Iranian chronic rhinosinusitis patients(2018)
- The Persian version of auditory word discrimination test (P-AWDT) for children: Development, validity, and reliability(2018)
- Transtympanic injections of N-acetylcysteine and dexamethasone for prevention of cisplatin-induced ototoxicity: Double blind randomized clinical trial(2018)
- Is there any association between adenoid biofilm and upper airway infections in pediatric patients? (2018)

- Cochlear implantation in children with auditory neuropathy spectrum disorder: A multicenter study on auditory performance and speech production outcomes(2018)
- Genistein attenuates seizure-induced hippocampal brain-derived neurotrophic factor overexpression in ovariectomized rats(2018)
- The effects of size and type of vocal fold polyp on some acoustic voice parameters(2018)
- Tinnitus impacts on speech and non-speech stimuli(2018)
- Levels of total IgA and IgA subclasses in the serum of chronic rhinosinusitis patients(2018)
- Evaluation of culturally-familiar odorants for a Persian smell identification test(2018)
- The complication for ventricular shunt based on different etiologies: A prospective study in (2018)
- Contovir - A new adjuvant therapy in recurrent respiratory papillomatosis: A case study(2017)
- In vitro effects of melatonin on colonization of neonate mouse spermatogonial stem cells(2017)
- Experience with medialization thyroplasty and freeze-dried cadaveric human fascia lata in unilateral true vocal cord paralysis(2017)
- A novel bio electro active alginate-aniline tetramer/ agarose scaffold for tissue engineering: synthesis, characterization, drug release and cell culture study(2017)
- Hearing status in patients with rheumatoid arthritis(2017)
- The effect of the ovarian varicose vein on the DNA methylation in the rat's oocyte(2017)
- The prevalence of hearing impairment by age and gender in a population-based study(2017)

- Gold-coated magnetic nanoparticle as a nanotheranostic agent for magnetic resonance imaging and photothermal therapy of cancer(2017)
- Gamma Knife Radiosurgery for Cavernous Sinus Meningiomas: Analysis of Outcome in 166 Patients(2017)
- Impact of the round window membrane accessibility on hearing preservation in adult cochlear implantation(2017)
- Human Papillomavirus (HPV) genotype distribution in patients with Recurrent Respiratory Papillomatosis (RRP) in Iran(2017)
- Is the Persian version of the olfactory disorder questionnaire reliable and valid? (2017)
- The role of JAK-STAT signaling pathway and its regulators in the fate of T helper cells(2017)
- Validity and Reliability of Surface Electromyography in the Assessment of Primary Muscle Tension Dysphonia(2017)
- Association of genetic variations in the mitochondrial DNA control region with presbycusis(2017)
- In vitro differentiation of neural stem cells derived from human olfactory bulb into dopaminergic-like neurons(2017)
- Salicylate food intolerance and aspirin hypersensitivity in nasal polyposis(2017)
- Dexmedetomidine could enhance surgical satisfaction in Trans-sphenoidal resection of pituitary adenoma(2017)
- Protective mechanisms of melatonin against hydrogenperoxide- induced toxicity in human bone-marrow-derived mesenchymal stem cells(2017)
- Transdifferentiation of human dental pulp stem cells into oligoprogenitor cells(2017)
- Total endoscopic approach in Glomus tympanicum surgery(2017)

- Vitamin D levels in children with adenotonsillar hypertrophy and Otitis media with effusion(2017)
- Alterations in auditory electrophysiological responses associated with temporary suppression of tinnitus induced by low-level laser therapy: A before-after case series(2017)
- Meatoplasty in canal wall down surgery: Our experience and literature review(2017)
- Tapia's syndrome after corrective jaw surgery under general anesthesia: A case report(2017)
- Otitis media with effusion in children and the impact of risk factors on serum cytokine levels(2017)
- Streptococcus pyogenes and its immunological disorders in an endemic era: A review article in Iran(2017)
- Identification of a new mutation in an Iranian family with hereditary multiple osteochondromas(2017)
- Searching the CMV infection (CMV ag65 in blood; and CMV-DNA (PCR in perilymphatic fluid) in children with cochlear implant surgery: A cross sectional study in Tehran, Iran(2017)
- Management of laryngocutaneous fistula following chondroradionecrosis of the larynx in a patient with laryngeal actinomycosis(2017)
- Does the high lead level in cerebrospinal fluid of children provoke seizure? A case control study of Tehran, Iran(2017)
- Optical discrimination of benign and malignant oral tissue using Z-scan technique(2016)
- The effect of aminoguanidine on sperm motility and mitochondrial membrane potential in varicocele rats(2016)
- The Use of Hydrogel/Silver Nanoparticle System for Preparation of New Type of Feminine Tampons(2016)

- Apoptosis signaling pathways in osteoarthritis and possible protective role of melatonin(2016)
- Folate-conjugated gold nanoparticle as a new nanoplatform for targeted cancer therapy(2016)
 - Electrophysiological and phonological change detection measures of auditory word processing in normal Persian-speaking children(2016)
 - The potential role for use of mitochondrial DNA copy number as predictive biomarker in presbycusis(2016)
 - Gamma Knife Radiosurgery in Sphenopetroclival Meningiomas: Preliminary Experience at the Iran Gamma Knife Center(2016)
 - Nanotechnology in hyperthermia cancer therapy: From fundamental principles to advanced applications(2016)
 - Expression levels of the BAK1 and BCL2 genes highlight the role of apoptosis in age-related hearing impairment(2016)
 - CenoDerm vs. fascia lata for the prevention of dorsal nasal irregularities in rhinoplasty(2016)
 - Presbycusis: From current knowledge to future treatment prospects
 - The in silico insight into carbon nanotube and nucleic acid bases interaction(2016)
 - Nonlinear feature extraction for objective classification of complex auditory brainstem responses to diotic perceptually critical consonant-vowel syllables(2016)
 - Cellular activity of Wharton's Jelly-derived mesenchymal stem cells on electrospun fibrous and solvent-cast film scaffolds(2016)
 - The relationship between ultra-high frequency thresholds and transient evoked otoacoustic emissions in adults with tinnitus(2016)
 - Newly designed upper lateral cartilage flap for preventing depression of the keystone area in large-nose septorhinoplasty(2015)

- A Comparison Between Two Methods of Face-Lift Surgery in Nine Cadavers: SMAS (Superficial Musculo-Aponeurotic System) Versus MACS (Minimal Access Cranial Suspension) (2015)
- Melatonin synergistically enhances protective effect of atorvastatin against gentamicin-induced nephrotoxicity in rat kidney(2015)
- Endoscopic repair of transsellar transsphenoidal meningoencephalocele; Case report and review of approaches(2015)
- A new gold nanoparticle based rapid immunochromatographic assay for screening EBV-VCA specific IgA in nasopharyngeal carcinomas(2015)
- Alterations in auditory change detection associated with tinnitus residual inhibition induced by auditory electrical stimulation(2015)
- Development of a new immunochromatographic assay using gold nanoparticles for screening of IgA deficiency(2015)
- Group A ss-hemolytic streptococcal infection in children and the resultant neuro-psychiatric disorder; a cross sectional study; Tehran, Iran(2015)
- Erratum to: Use of porous high-density polyethylene grafts in open rhinoplasty: No infectious complication seen in spreader and dorsal grafts [Head and Face Medicine. (2014), 10, 52] (2014)
- Synthesis and the inhibitory effects of amino acid derivatives of 3-O-acetyl-11-ketobeta-boswellic acid on acetylcholinesterase(2015)
- Chlamydomphila pneumoniae infection assessment in children with adenoid hypertrophy concomitant with rhino sinusitis(2014)
- Community-based newborn hearing screening programme for early detection of permanent hearing loss in Iran: An eight-year cross-sectional study from 2005 to 2012(2014)

- Acute nonbacterial gastroenteritis in hospitalized children: A cross sectional study(2014)
- Use of porous high-density polyethylene grafts in open rhinoplasty: No infectious complication seen in spreader and dorsal grafts(2014)
- Third ventricle herniation into the sphenoid sinus following endoscopic transnasal transsphenoidal fenestration of Rathke's cleft cyst
- Design, Synthesis and the inhibitory effects of amino acid derivatives of beta-Boswellic acid on Acetylcholinesterase(2014)
- Tinnitus pre and post translabyrinthine acoustic neuroma surgery(2014)
- Sellar reconstruction algorithm in endoscopic transsphenoidal pituitary surgery: Experience with 240 cases(2013)
- Central auditory processing during chronic tinnitus as indexed by topographical maps of the mismatch negativity obtained with the multi-feature paradigm(2013)
- A simplified approach to the external lateral nasal osteotomy: A technical note(2013)
- Alterations in early auditory evoked potentials and brainstem transmission time associated with tinnitus residual inhibition induced by auditory electrical stimulation(2013)
- Correlation between brain cortex metabolic and perfusion functions in subjective idiopathic tinnitus(2013)

- The relationship between treatment of mental disorder and chronic tinnitus(2012)
- Unusual infections in resected adenoid of children: PCR for C. pneumonia, M. pneumonia, H. pylori(2011)
- Corticosteroid-releasing cochlear implant: A novel hybrid of biomaterial and drug delivery system
- The histological and clinical effects of 630 nanometer and 860 nanometer low-level laser on rabbits' ear punch holes(2008)
- Fuzzy clustering of transient evoked OtoAcoustic Emission signals based on k-nearest neighbours rule(2008)

