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Collana	Human anatomy and physiology
Altri autori (Persone)	KatoHiroto ShimizuTaiga
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Surgical treatment of the squamous cell carcinoma of the tongue and the effect on speech and swallowing / Raymond King-Yin Tsang, Wei Gao, Thian-Sze Wong -- Tongue prosthesis after total glossectomy / Anne-Gaelle Bodard ... [et al.] -- The stereognostic ability of the tongue and its role in eating and swallowing / Shigenori Kawagishi -- 3D observation of the tongue by using micro-computed tomography / Hidekazu Aoyagi, Shin-ich Iwasaki -- Anatomy and vascularization of tongue based on vascular corrosion casting / Flaviana Dornela Verli -- Histological changes in the tongue of patients with chronic chagas disease / Sanivia Aparecida de Lima Pereira, Marcela Beghini -- Atypical tongue pain from trigeminal neuralgia : gamma knife as a treatment strategy / Ameer L. Elaimy ... [et al.] -- Cross-species comparison of bax, bcl-2 and p53 immunoexpression in tongue squamous cell carcinoma from humans and rats / Juliana Noguti, Sandra Regina Miranda, Daniel Araki Ribeiro -- The papillae of the human tongue / Kikuji Yamashita -- Clinical and pathological features of squamous cell carcinoma of the tongue with special reference to cortactin and cyclin D1 expression / Kenji Nakamori ... [et al.] -- Metastatic diseases of the tongue / Yazan M. Hassona -- Diseases of the tongue / Anastasios K. Markopoulos -- Organization of the hypoglossal nucleus in the frog, <i>Rana esculenta</i> / Clara Matesz ... [et al.].
Sommario/riassunto	The tongue is a sensory-motor organ which is essential to deglutition, speech and generally to oral functions. Even a minor modification of

the tongue leads to an alteration of oral functions. In this book, the authors present topical research in the study of the anatomy, kinematics and diseases of the tongue. Topics discussed include tongue prosthesis after total glossectomy; the stereognostic ability of the tongue and its role in eating and swallowing; anatomy and vascularization of the tongue based on vascular corrosion casting; histological changes in the tongue of patients with chronic Chagas' disease; atypical tongue pain from trigeminal neuralgia and metastatic diseases of the tongue.

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