

Barbara Buffoli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,008
citations

15
h-index

30
g-index

59
ext. papers

1,211
ext. citations

3.6
avg. IF

3.95
L-index

#	Paper	IF	Citations
56	Endothelium and its alterations in cardiovascular diseases: life style intervention. <i>BioMed Research International</i> , 2014 , 2014, 801896	3	138
55	Growth factors, CD34 positive cells, and fibrin network analysis in concentrated growth factors fraction. <i>Microscopy Research and Technique</i> , 2011 , 74, 772-7	2.8	138
54	The human hair: from anatomy to physiology. <i>International Journal of Dermatology</i> , 2014 , 53, 331-41	1.7	64
53	Protective role of melatonin in cyclosporine A-induced oxidative stress in rat liver. <i>International Immunopharmacology</i> , 2005 , 5, 1397-405	5.8	59
52	Modulation of reactive oxygen species production during osmotic stress in <i>Arabidopsis thaliana</i> cultured cells: involvement of the plasma membrane Ca ²⁺ -ATPase and H ⁺ -ATPase. <i>Plant and Cell Physiology</i> , 2005 , 46, 1326-39	4.9	53
51	Melatonin: Protection against age-related cardiac pathology. <i>Ageing Research Reviews</i> , 2017 , 35, 336-349	2	46
50	Provinol prevents CsA-induced nephrotoxicity by reducing reactive oxygen species, iNOS, and NF-κB expression. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 1459-68	3.4	45
49	The protective effect of caffeic acid phenethyl ester against cyclosporine A-induced cardiotoxicity in rats. <i>Toxicology</i> , 2005 , 212, 155-64	4.4	30
48	AM404, an inhibitor of anandamide reuptake decreases Fos-immunoreactivity in the spinal cord of neuropathic rats after non-noxious stimulation. <i>European Journal of Pharmacology</i> , 2005 , 508, 139-46	5.3	29
47	Chronic constriction injury induces aquaporin-2 expression in the dorsal root ganglia of rats. <i>Journal of Anatomy</i> , 2009 , 215, 498-505	2.9	23
46	Change in renal heme oxygenase expression in cyclosporine A-induced injury. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 105-12	3.4	23
45	Beneficial Effects of Concentrated Growth Factors and Resveratrol on Human Osteoblasts Treated with Bisphosphonates. <i>BioMed Research International</i> , 2018 , 2018, 4597321	3	22
44	Aquaporin biology and nervous system. <i>Current Neuropharmacology</i> , 2010 , 8, 97-104	7.6	21
43	In vitro treatment with concentrated growth factors (CGF) and sodium orthosilicate positively affects cell renewal in three different human cell lines. <i>Cell Biology International</i> , 2018 , 42, 353-364	4.5	17
42	Biological Characterization and In Vitro Effects of Human Concentrated Growth Factor Preparation: An Innovative Approach to Tissue Regeneration. <i>Biology and Medicine (Aligarh)</i> , 2015 , 07,	0	16
41	Anterior superior alveolar nerve injury after extended endoscopic medial maxillectomy: a preclinical study to predict neurological morbidity. <i>International Forum of Allergy and Rhinology</i> , 2017 , 7, 1014-1021	6.3	15
40	Behavioral characterization of mouse models of neuroferritinopathy. <i>PLoS ONE</i> , 2015 , 10, e0118990	3.7	15

39	Pituitary Adenomas and Invasiveness from Anatomic-Surgical, Radiological, and Histological Perspectives: A Systematic Literature Review. <i>Cancers</i> , 2019 , 11,	6.6	15
38	Modular Classification of Endoscopic Endonasal Transsphenoidal Approaches to Sellar Region: Anatomic Quantitative Study. <i>World Neurosurgery</i> , 2018 , 109, e281-e291	2.1	15
37	How the different material and shape of the blood collection tube influences the Concentrated Growth Factors production. <i>Microscopy Research and Technique</i> , 2016 , 79, 1173-1178	2.8	14
36	Acute mercury exposition of virgin, pregnant, and lactating rats: Histopathological kidney and liver evaluations. <i>Environmental Toxicology</i> , 2017 , 32, 1500-1512	4.2	14
35	Single Administration of Melatonin Modulates the Nitroxiidergic System at the Peripheral Level and Reduces Thermal Nociceptive Hypersensitivity in Neuropathic Rats. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	14
34	Histomorphometrical evaluation of fresh frozen bone allografts for alveolar bone reconstruction: preliminary cases comparing femoral head with iliac crest grafts. <i>Clinical Implant Dentistry and Related Research</i> , 2013 , 15, 791-8	3.9	14
33	Side-Door Temporoparietal Fascia Flap: A Novel Strategy for Anterior Skull Base Reconstruction. <i>World Neurosurgery</i> , 2019 , 126, e360-e370	2.1	13
32	Transnasal Endoscopic and Lateral Approaches to the Clivus: A Quantitative Anatomic Study. <i>World Neurosurgery</i> , 2018 , 113, e659-e671	2.1	13
31	Silicic acid in drinking water prevents age-related alterations in the endothelium-dependent vascular relaxation modulating eNOS and AQP1 expression in experimental mice: an immunohistochemical study. <i>Acta Histochemica</i> , 2013 , 115, 418-24	2	13
30	Ophthalmic artery originating from the anterior cerebral artery: anatomic-radiological study, histological analysis, and literature review. <i>Neurosurgical Review</i> , 2016 , 39, 483-93	3.9	13
29	Growth Factors Release From Concentrated Growth Factors: Effect of Tricalcium Phosphate Addition. <i>Journal of Craniofacial Surgery</i> , 2018 , 29, 2291-2295	1.2	13
28	Cyclosporine A induces vascular fibrosis and heat shock protein expression in rat. <i>International Immunopharmacology</i> , 2005 , 5, 169-76	5.8	11
27	Role of mast cells in wound healing process after glass-fiber composite implant in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 946-54	5.6	9
26	AQP1 expression in human gingiva and its correlation with periodontal and peri-implant tissue alterations. <i>Acta Histochemica</i> , 2014 , 116, 898-904	2	8
25	The Superior Hypophyseal Arteries: Anatomical Study with an Endoscopic Endonasal Perspective. <i>Operative Neurosurgery</i> , 2019 , 17, 321-331	1.6	7
24	Anatomical Cadaver Study of Endolaryngeal Vascularization: Focus on the Glottis, Supraglottis, and Subglottis From the Transoral Microsurgical Point of View. <i>Frontiers in Oncology</i> , 2018 , 8, 138	5.3	6
23	Piezoelectric ultrasonic bone surgery system in the extraction surgery of supernumerary teeth. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014 , 42, 1577-82	3.6	6
22	Expression of non-muscle myosin heavy chain in rat heart after immunosuppressive treatment. <i>International Immunopharmacology</i> , 2006 , 6, 962-7	5.8	6

21	Quantitative Anatomical Comparison of Anterior, Anterolateral and Lateral, Microsurgical and Endoscopic Approaches to the Middle Cranial Fossa. <i>World Neurosurgery</i> , 2020 , 134, e682-e730	2.1	6
20	Development and validation of a preclinical model for training and assessment of cerebrospinal fluid leak repair in endoscopic skull base surgery. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 89-96	6.3	6
19	Quantitative anatomical comparison of transnasal and transcranial approaches to the clivus. <i>Acta Neurochirurgica</i> , 2020 , 162, 649-660	3	6
18	Sodium-DNA for Bone Tissue Regeneration: An Experimental Study in Rat Calvaria. <i>BioMed Research International</i> , 2017 , 2017, 7320953	3	5
17	Transorbital endoscopic approaches to the skull base: a systematic literature review and anatomical description. <i>Neurosurgical Review</i> , 2021 , 44, 2857-2878	3.9	5
16	Piezosurgical Suturectomy and Sutural Distraction Osteogenesis for the Treatment of Unilateral Coronal Synostosis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015 , 3, e475	1.2	4
15	A comparative pilot study of two dental implant metals in a pig model. <i>Implant Dentistry</i> , 2010 , 19, 532-82.4	2.4	4
14	A new landmark for lingual artery identification during transoral surgery: Anatomic-radiologic study. <i>Head and Neck</i> , 2021 , 43, 1487-1498	4.2	4
13	Periodontitis Stage III-IV, Grade C and Correlated Factors: A Histomorphometric Study. <i>Biomedicines</i> , 2019 , 7,	4.8	1
12	Retroesophageal right subclavian artery associated with a bicarotid trunk and an ectopic origin of vertebral arteries. <i>Surgical and Radiologic Anatomy</i> , 2021 , 43, 1491-1495	1.4	1
11	Endoscopic-assisted multi-portal compartmental resection of the masticatory space in oral cancer: Anatomical study and preliminary clinical experience. <i>Oral Oncology</i> , 2021 , 117, 105269	4.4	1
10	The Terracol and Ardouin developmental model of frontal sinus drainage pathway and surrounding spaces: a radiologic validation. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 624-630	6.3	1
9	Additive Manufacturing for Personalized Skull Base Reconstruction in Endoscopic Transclival Surgery: A Proof-of-Concept Study. <i>World Neurosurgery</i> , 2021 , 155, e439-e452	2.1	1
8	Endoscopic Subtemporal Epidural Key-Hole Approach: Quantitative Anatomic Analysis of Three Surgical Corridors. <i>World Neurosurgery</i> , 2021 , 152, e128-e137	2.1	1
7	Quantitative Anatomic Comparison of Microsurgical Transcranial, Endoscopic Endonasal, and Transorbital Approaches to the Spheno-Orbital Region. <i>Operative Neurosurgery</i> , 2021 , 21, E494-E505	1.6	1
6	Step-by-Step Cadaver Dissection and Surgical Technique for Compartmental Tongue and Floor of Mouth Resection. <i>Frontiers in Oncology</i> , 2021 , 11, 613945	5.3	0
5	Unusual branch of the lingual artery supplies the infrahyoid muscles. <i>Anatomical Science International</i> , 2020 , 95, 153-155	2	0
4	Multiple anatomical variations of the renal vessels associated with malrotated and unrotated kidneys: a case report. <i>Surgical and Radiologic Anatomy</i> , 2015 , 37, 1133-6	1.4	

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| 3 | Response to Letter to the Editor: Nuancing the role of transorbital endoscopic approaches in skull base surgery. <i>Neurosurgical Review</i> , 2021 , 1 | 3.9 |
| 2 | Assessment of Atlanto-Axial and Mandibular Rotation by Cone Beam Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2018 , 29, 2237-2240 | 1.2 |
| 1 | Peripheral Purinergic Modulation in Pediatric Orofacial Inflammatory Pain Affects Brainstem Nitroxienergic System: A Translational Research.. <i>BioMed Research International</i> , 2022 , 2022, 1326885 | 3 |