

## 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.

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|-------------------|-------------------------|----------------|-----------------|
| 49<br>papers      | 1,094<br>citations      | 20<br>h-index  | 31<br>g-index   |
| 53<br>ext. papers | 1,286<br>ext. citations | 4.2<br>avg, IF | 3.86<br>L-index |

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 49 | The purinergic antagonist PPADS reduces pain related behaviours and interleukin-1 beta, interleukin-6, iNOS and nNOS overproduction in central and peripheral nervous system after peripheral neuropathy in mice. <i>Pain</i> , <b>2008</b> , 137, 81-95             | 8   | 118       |
| 48 | Keratinocyte expression of calcitonin gene-related peptide [implications for neuropathic and inflammatory pain mechanisms. <i>Pain</i> , <b>2011</b> , 152, 2036-2051  | 8   | 96        |
| 47 | Altered structure of small cerebral arteries in patients with essential hypertension. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 838-45  | 1.9 | 65        |
| 46 | Therapeutic effect of human adipose-derived stem cells and their secretome in experimental diabetic pain. <i>Scientific Reports</i> , <b>2017</b> , 7, 9904  | 4.9 | 63        |
| 45 | Intravenous neural stem cells abolish nociceptive hypersensitivity and trigger nerve regeneration in experimental neuropathy. <i>Pain</i> , <b>2012</b> , 153, 850-861   | 8   | 58        |
| 44 | Dose-dependent mercuric chloride tubular injury in rat kidney. <i>Ultrastructural Pathology</i> , <b>2003</b> , 27, 253-91.3   | 1.3 | 43        |
| 43 | 3D gelatin-chitosan hybrid hydrogels combined with human platelet lysate highly support human mesenchymal stem cell proliferation and osteogenic differentiation. <i>Journal of Tissue Engineering</i> , <b>2019</b> , 10, 2041731419845852                          | 7.5 | 42        |
| 42 | Pulsed radiofrequency effects on the lumbar ganglion of the rat dorsal root: a morphological light and transmission electron microscopy study at acute stage. <i>European Spine Journal</i> , <b>2009</b> , 18, 473-8  | 2.7 | 41        |
| 41 | Chronic Periodontitis and Immunity, Towards the Implementation of a Personalized Medicine: A Translational Research on Gene Single Nucleotide Polymorphisms (SNPs) Linked to Chronic Oral Dysbiosis in 96 Caucasian Patients. <i>Biomedicines</i> , <b>2020</b> , 8, | 4.8 | 32        |
| 40 | Controlling the activation of the Bv8/prokineticin system reduces neuroinflammation and abolishes thermal and tactile hyperalgesia in neuropathic animals. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 4850-65                                       | 8.6 | 31        |
| 39 | Tubular stress proteins and nitric oxide synthase expression in rat kidney exposed to mercuric chloride and melatonin. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2006</b> , 54, 1149-57  | 3.4 | 29        |
| 38 | 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> , <b>2005</b> , 508, 139-46  | 5.3 | 29        |
| 37 | Dietary Melatonin Supplementation Could Be a Promising Preventing/Therapeutic Approach for a Variety of Liver Diseases. <i>Nutrients</i> , <b>2018</b> , 10,   | 6.7 | 25        |
| 36 | Alterations of AQP2 expression in trigeminal ganglia in a murine inflammation model. <i>Neuroscience Letters</i> , <b>2009</b> , 449, 183-8  | 3.3 | 24        |
| 35 | Epithelial expression of vanilloid and cannabinoid receptors: a potential role in burning mouth syndrome pathogenesis. <i>Histology and Histopathology</i> , <b>2014</b> , 29, 523-33  | 1.4 | 24        |
| 34 | Chronic constriction injury induces aquaporin-2 expression in the dorsal root ganglia of rats. <i>Journal of Anatomy</i> , <b>2009</b> , 215, 498-505  | 2.9 | 23        |
| 33 | Beneficial Effects of Concentrated Growth Factors and Resveratrol on Human Osteoblasts Treated with Bisphosphonates. <i>BioMed Research International</i> , <b>2018</b> , 2018, 4597321  | 3   | 22        |

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|----|---|-----|----|
| 32 | Prokineticin 2 upregulation in the peripheral nervous system has a major role in triggering and maintaining neuropathic pain in the chronic constriction injury model. <i>BioMed Research International</i> , <b>2015</b> , 2015, 301292                      | 3   | 21 |
| 31 | Effects of opioid therapy on human natural killer cells. <i>International Immunopharmacology</i> , <b>2014</b> , 18, 169-74   | 5.8 | 20 |
| 30 | Histochemical and immunohistochemical evaluation of gingival collagen and metalloproteinases in peri-implantitis. <i>Acta Histochemica</i> , <b>2005</b> , 107, 231-40  | 2   | 20 |
| 29 | Correlation between human nervous system development and acquisition of fetal skills: An overview. <i>Brain and Development</i> , <b>2019</b> , 41, 225-233   | 2.2 | 20 |
| 28 | AM404 decreases Fos-immunoreactivity in the spinal cord in a model of inflammatory pain. <i>Brain Research</i> , <b>2007</b> , 1152, 87-94  | 3.7 | 19 |
| 27 | mGlu5 receptor antagonist decreases Fos expression in spinal neurons after noxious visceral stimulation. <i>Brain Research</i> , <b>2003</b> , 960, 263-6   | 3.7 | 17 |
| 26 | 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> , <b>2018</b> , 42, 353-364   | 4.5 | 17 |
| 25 | Biological Characterization and In Vitro Effects of Human Concentrated Growth Factor Preparation: An Innovative Approach to Tissue Regeneration. <i>Biology and Medicine (Aligarh)</i> , <b>2015</b> , 07,  | 0   | 16 |
| 24 | Role of carbon monoxide and biliverdin in renal ischemia/reperfusion injury. <i>Nephron Experimental Nephrology</i> , <b>2006</b> , 104, e135-9   |     | 16 |
| 23 | How the different material and shape of the blood collection tube influences the Concentrated Growth Factors production. <i>Microscopy Research and Technique</i> , <b>2016</b> , 79, 1173-1178   | 2.8 | 14 |
| 22 | Single Administration of Melatonin Modulates the Nitroxidergic System at the Peripheral Level and Reduces Thermal Nociceptive Hypersensitivity in Neuropathic Rats. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,                    | 6.3 | 14 |
| 21 | A comparison of melatonin and Elipoic acid in the induction of antioxidant defences in L6 rat skeletal muscle cells. <i>Age</i> , <b>2015</b> , 37, 9824  |     | 13 |
| 20 | 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> , <b>2013</b> , 115, 418-24 | 2   | 13 |
| 19 | Peripheral purinergic receptor modulation influences the trigeminal ganglia nitroxidergic system in an experimental murine model of inflammatory orofacial pain. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 2715-26                          | 4.4 | 13 |
| 18 | Endothelial nitric oxide synthase in dorsal root ganglia during chronic inflammatory nociception. <i>Cells Tissues Organs</i> , <b>2013</b> , 197, 159-68   | 2.1 | 11 |
| 17 | Aquaporins in sensory and pain transmission. <i>Current Neuropharmacology</i> , <b>2010</b> , 8, 122-7  | 7.6 | 10 |
| 16 | Bimoclomol ameliorates mercuric chloride nephrotoxicity through recruitment of stress proteins. <i>Toxicology Letters</i> , <b>2006</b> , 166, 168-77   | 4.4 | 10 |
| 15 | Nitroxidergic system in human trigeminal ganglia neurons: a quantitative evaluation. <i>Acta Histochemica</i> , <b>2010</b> , 112, 444-51   | 2   | 9  |

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|----|---|-----|---|
| 14 | Stem Cells: A Historical Review about Biological, Religious, and Ethical Issues. <i>Stem Cells International</i> , <b>2021</b> , 2021, 9978837  | 5   | 9 |
| 13 | PPADS, a purinergic antagonist reduces Fos expression at spinal cord level in a mouse model of mononeuropathy. <i>Brain Research</i> , <b>2008</b> , 1199, 74-81  | 3.7 | 8 |
| 12 | Exposure to aluminium changes the NADPH-diaphorase/NPY pattern in the rat cerebral cortex. <i>Archives of Histology and Cytology</i> , <b>2006</b> , 69, 13-21  |     | 8 |
| 11 | Sodium-DNA for Bone Tissue Regeneration: An Experimental Study in Rat Calvaria. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7320953  | 3   | 5 |
| 10 | Cyclosporine A-induced toxicity in two renal cell culture models (LLC-PK1 and MDCK). <i>The Histochemical Journal</i> , <b>2002</b> , 34, 27-33   |     | 5 |
| 9  | MAK-5 treatment enhances the nerve growth factor-mediated neurite outgrowth in PC12 cells. <i>Journal of Ethnopharmacology</i> , <b>2004</b> , 93, 161-6  | 5   | 5 |
| 8  | Altered immunolocalization of heat-shock proteins in human peri-implant gingiva. <i>Acta Histochemica</i> , <b>2007</b> , 109, 221-7  | 2   | 4 |
| 7  | In vitro effects of concentrated growth factors (CGF) on human SH-SY5Y neuronal cells. <i>European Review for Medical and Pharmacological Sciences</i> , <b>2020</b> , 24, 304-314                              | 2.9 | 4 |
| 6  | Degradation-Dependent Stress Relaxing Semi-Interpenetrating Networks of Hydroxyethyl Cellulose in Gelatin-PEG Hydrogel with Good Mechanical Stability and Reversibility.. <i>Gels</i> , <b>2021</b> , 7,        | 4.2 | 4 |
| 5  | Periodontitis Stage III-IV, Grade C and Correlated Factors: A Histomorphometric Study. <i>Biomedicines</i> , <b>2019</b> , 7,   | 4.8 | 1 |
| 4  | Local pentoxifylline administration decreases the formalin induced Fos expression in rat spinal cord. <i>Neuroscience Research Communications</i> , <b>2001</b> , 29, 155-162                                   |     | 1 |
| 3  | Development of BCR-ABL1 Transgenic Zebrafish Model Reproducing Chronic Myeloid Leukemia (CML) Like-Disease and Providing a New Insight into CML Mechanisms. <i>Cells</i> , <b>2021</b> , 10,                    | 7.9 | 1 |
| 2  | Cyclosporine-A delays the end-plate degeneration in denervated rat muscles. <i>Neuroscience Research Communications</i> , <b>2002</b> , 31, 85-92   |     |   |
| 1  | Peripheral Purinergic Modulation in Pediatric Orofacial Inflammatory Pain Affects Brainstem Nitroxidergic System: A Translational Research.. <i>BioMed Research International</i> , <b>2022</b> , 2022, 1326885 | 3   |   |