

Rakesh Kumar Majhi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

694
citations

758635

12
h-index

610482

24
g-index

30
all docs

30
docs citations

30
times ranked

1126
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Hydrogel-Mediated Release of TRPV1 Modulators to Fine Tune Osteoclastogenesis. ACS Omega, 2022, 7, 9537-9550. | 1.6 | 5 |
| 2 | TRPM8 channel augments cell activation and proliferation. Cell Biology International, 2021, 45, 198-210. | 1.4 | 13 |
| 3 | TRPM8 channel inhibitor-encapsulated hydrogel as a tunable surface for bone tissue engineering. Scientific Reports, 2021, 11, 3730. | 1.6 | 12 |
| 4 | Ag@ZnO Nanoparticles Induce Antimicrobial Peptides and Promote Migration and Antibacterial Activity of Keratinocytes. ACS Infectious Diseases, 2021, 7, 2068-2072. | 1.8 | 16 |
| 5 | Comparative evaluation of surface-modified zirconia for the growth of bone cells and early osseointegration. Journal of Prosthetic Dentistry, 2021, 126, 92.e1-92.e8. | 1.1 | 6 |
| 6 | Metformin strengthens uroepithelial immunity against E. coli infection. Scientific Reports, 2021, 11, 19263. | 1.6 | 6 |
| 7 | Insulin sensitizes mechanosensitive ion channels, which aggravates pain. Journal of Physiology, 2020, 598, 19-21. | 1.3 | 1 |
| 8 | TRPV1 channel as the membrane vitamin D receptor: solving part of the puzzle. Journal of Physiology, 2020, 598, 5601-5603. | 1.3 | 7 |
| 9 | TRPV1 AS A MODULATOR OF ROS-INDUCED SPERM FUNCTION AND ITS CORRELATION WITH PREGNANCY OUTCOME (NATURAL CONCEPTION AND ART). Fertility and Sterility, 2020, 114, e380. | 0.5 | 0 |
| 10 | Differential expression and localization of TRPV channels in the mature sperm of <i>Anas platyrhynchos</i> . Reproduction in Domestic Animals, 2020, 55, 1619-1628. | 0.6 | 9 |
| 11 | Carbohydrate-Coated Gold-Silver Nanoparticles for Efficient Elimination of Multidrug Resistant Bacteria and <i>in Vivo</i> Wound Healing. ACS Applied Materials & Interfaces, 2019, 11, 42998-43017. | 4.0 | 59 |
| 12 | Transient receptor potential ankyrin1 channel is endogenously expressed in T cells and is involved in immune functions. Bioscience Reports, 2019, 39, . | 1.1 | 37 |
| 13 | TRPA1 is selected as a semi-conserved channel during vertebrate evolution due to its involvement in spermatogenesis. Biochemical and Biophysical Research Communications, 2019, 512, 295-302. | 1.0 | 11 |
| 14 | Acrylic acid grafted tamarind kernel polysaccharide-based hydrogel for bone tissue engineering in absence of any osteo-inducing factors. Connective Tissue Research, 2018, 59, 111-121. | 1.1 | 10 |
| 15 | Antibacterial Efficacy of Polysaccharide Capped Silver Nanoparticles Is Not Compromised by AcrAB-TolC Efflux Pump. Frontiers in Microbiology, 2018, 9, 823. | 1.5 | 25 |
| 16 | A Modified Polysaccharide-Based Hydrogel for Enhanced Osteogenic Maturation and Mineralization Independent of Differentiation Factors. Macromolecular Bioscience, 2017, 17, 1600268. | 2.1 | 14 |
| 17 | Polysaccharide-capped silver Nanoparticles inhibit biofilm formation and eliminate multi-drug-resistant bacteria by disrupting bacterial cytoskeleton with reduced cytotoxicity towards mammalian cells. Scientific Reports, 2016, 6, 24929. | 1.6 | 163 |
| 18 | Light and electron microscopic study of mature spermatozoa from White Pekin duck (<i>Anas</i>) | 1.9 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | TRPV4 is endogenously expressed in vertebrate spermatozoa and regulates intracellular calcium in human sperm. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 781-788. | 1.0 | 37 |
| 20 | Functional expression of <sc>TRPV</sc> channels in T cells and their implications in immune regulation. <i>FEBS Journal</i> , 2015, 282, 2661-2681. | 2.2 | 96 |
| 21 | Regulation of TRP channels by steroids: Implications in physiology and diseases. <i>General and Comparative Endocrinology</i> , 2015, 220, 23-32. | 0.8 | 27 |
| 22 | Influence of membrane cholesterol in the molecular evolution and functional regulation of TRPV4. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 312-319. | 1.0 | 47 |
| 23 | Expression of temperature-sensitive ion channel TRPM8 in sperm cells correlates with vertebrate evolution. <i>PeerJ</i> , 2015, 3, e1310. | 0.9 | 26 |
| 24 | TRPV1 Activators (â€œVanilloidsâ€) as Neurotoxins. , 2014, , 611-636. | | 1 |
| 25 | Thermosensitive ion channel TRPV1 is endogenously expressed in the sperm of a fresh water teleost fish (<i>Labeo rohita</i>) and regulates sperm motility. <i>Channels</i> , 2013, 7, 483-492. | 1.5 | 41 |
| 26 | Right time - right location - right move: TRPs find motors for common functions. <i>Channels</i> , 2011, 5, 375-381. | 1.5 | 8 |