# Anup Tuladhar

List of Publications by Year
in descending order



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|---|---|---|---|
| 17 papers | 650 citations | 687363 13 h-index | 940533 16 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 988 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Stroke lesion localization in 3D MRI datasets with deep reinforcement learning. , 2022, , . | | 0 |
| 2 | An Analysis of the Vulnerability of Two Common Deep Learning-Based Medical Image Segmentation Techniques to Model Inversion Attacks. Sensors, 2021, 21, 3874. | 3.8 | 12 |
| 3 | Modeling Neurodegeneration in silico With Deep Learning. Frontiers in Neuroinformatics, 2021, 15, 748370. | 2.5 | 5 |
| 4 | Automatic Segmentation of Stroke Lesions in Non-Contrast Computed Tomography Datasets With Convolutional Neural Networks. IEEE Access, 2020, 8, 94871-94879. | 4.2 | 20 |
| 5 | Injectable hydrogel enables local and sustained co-delivery to the brain: Two clinically approved biomolecules, cyclosporine and erythropoietin, accelerate functional recovery in rat model of stroke. Biomaterials, 2020, 235, 119794. | 11.4 | 44 |
| 6 | Building machine learning models without sharing patient data: A simulation-based analysis of distributed learning by ensembling. Journal of Biomedical Informatics, 2020, 106, 103424. | 4.3 | 24 |
| 7 | Supervised machine learning tools: a tutorial for clinicians. Journal of Neural Engineering, 2020, 17, 062001. | 3.5 | 75 |
| 8 | Initial cell maturity changes following transplantation in a hyaluronan-based hydrogel and impacts therapeutic success in the stroke-injured rodent brain. Biomaterials, 2019, 192, 309-322. | 11.4 | 36 |
| 9 | Local Delivery of Brain-Derived Neurotrophic Factor Enables Behavioral Recovery and Tissue Repair in Stroke-Injured Rats. Tissue Engineering - Part A, 2019, 25, 1175-1187. | 3.1 | 40 |
| 10 | Biomaterials driving repair after stroke. Nature Materials, 2018, 17, 573-574. | 27.5 | 7 |
| 11 | Harnessing the Potential of Biomaterials for Brain Repair after Stroke. Frontiers in Materials, 2018, 5, . | 2.4 | 31 |
| 12 | Encapsulation-free controlled release: Electrostatic adsorption eliminates the need for protein encapsulation in PLGA nanoparticles. Science Advances, 2016, 2, e1600519. | 10.3 | 122 |
| 13 | Circumventing the bloodâ€“brain barrier: Local delivery of cyclosporin A stimulates stem cells in stroke-injured rat brain. Journal of Controlled Release, 2015, 215, 1-11. | 9.9 | 65 |
| 14 | A hydrogel composite system for sustained epi-cortical delivery of Cyclosporin A to the brain for treatment of stroke. Journal of Controlled Release, 2013, 166, 197-202. | 9.9 | 66 |
| 15 | Co-expression vs. co-infection using baculovirus expression vectors in insect cell culture: Benefits and drawbacks. Biotechnology Advances, 2012, 30, 766-781. | 11.7 | 68 |
| 16 | Estimation of Mental Effort in Learning Visual Search by Measuring Pupil Response. PLoS ONE, 2011, 6, e21973. | 2.5 | 16 |
| 17 | The effect of retinal illuminance on visual motion priming. Vision Research, 2011, 51, 1137-1145. | 1.4 | 17 |