# Daniela Carulli

List of Publications by Year
in descending order



| 34 | 3,204 | 218677 | 395702 |
|---|---|---|---|
| papers | citations | 26 h-index | 33 g-index |

| 38 | 38 | 38 | 3049 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Animals lacking link protein have attenuated perineuronal nets and persistent plasticity. Brain, 2010, 133, 2331-2347. | 7.6 | 411 |
| 2 | Composition of Perineuronal Net Extracellular Matrix in Rat Brain. Journal of Biological Chemistry, 2006, 281, 17789-17800. | 3.4 | 311 |
| 3 | Composition of perineuronal nets in the adult rat cerebellum and the cellular origin of their components. Journal of Comparative Neurology, 2006, 494, 559-577. | 1.6 | 273 |
| 4 | Chondroitin sulfate proteoglycans in neural development and regeneration. Current Opinion in Neurobiology, 2005, 15, 116-120. | 4.2 | 271 |
| 5 | Chondroitin 6-sulphate synthesis is up-regulated in injured CNS, induced by injury-related cytokines and enhanced in axon-growth inhibitory glia. European Journal of Neuroscience, 2005, 21, 378-390. | 2.6 | 169 |
| 6 | Distribution and synthesis of extracellular matrix proteoglycans, hyaluronan, link proteins and tenascinâ€R in the rat spinal cord. European Journal of Neuroscience, 2008, 27, 1373-1390. | 2.6 | 166 |
| 7 | Upregulation of aggrecan, link protein 1, and hyaluronan synthases during formation of perineuronal nets in the rat cerebellum. Journal of Comparative Neurology, 2007, 501, 83-94. | 1.6 | 147 |
| 8 | In vitro modeling of perineuronal nets: hyaluronan synthase and link protein are necessary for their formation and integrity. Journal of Neurochemistry, 2010, 114, 1447-1459. | 3.9 | 127 |
| 9 | Autistic-Like Traits and Cerebellar Dysfunction in Purkinje Cell PTEN Knock-Out Mice. Neuropsychopharmacology, 2016, 41, 1457-1466. | 5.4 | 116 |
| 10 | The chemorepulsive axon guidance protein semaphorin3A is a constituent of perineuronal nets in the adult rodent brain. Molecular and Cellular Neurosciences, 2013, 56, 186-200. | 2.2 | 108 |
| 11 | Experience-Dependent Plasticity and Modulation of Growth Regulatory Molecules at Central Synapses. PLoS ONE, 2011, 6, e16666. | 2.5 | 103 |
| 12 | The hyaluronan and proteoglycan link proteins: Organizers of the brain extracellular matrix and key molecules for neuronal function and plasticity. Experimental Neurology, 2015, 274, 134-144. | 4.1 | 96 |
| 13 | Have we been ignoring the elephant in the room? Seven arguments for considering the cerebellum as part of addiction circuitry. Neuroscience and Biobehavioral Reviews, 2016, 60, 1-11. | 6.1 | 95 |
| 14 | Reparative mechanisms in the cerebellar cortex. Progress in Neurobiology, 2004, 72, 373-398. | 5.7 | 65 |
| 15 | Cerebellar plasticity and associative memories are controlled by perineuronal nets. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6855-6865. | 7.1 | 65 |
| 16 | An Extracellular Perspective on CNS Maturation: Perineuronal Nets and the Control of Plasticity. International Journal of Molecular Sciences, 2021, 22, 2434. | 4.1 | 62 |
| 17 | Noninvasive Strategies to Promote Functional Recovery after Stroke. Neural Plasticity, 2013, 2013, 1-16. | 2.2 | 60 |
| 18 | Semaphorins in Adult Nervous System Plasticity and Disease. Frontiers in Synaptic Neuroscience, 2021, 13, 672891. | 2.5 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Modulation of semaphorin3A in perineuronal nets during structural plasticity in the adult cerebellum. Molecular and Cellular Neurosciences, 2013, 57, 10-22. | 2.2 | 48 |
| 20 | The cerebellum on cocaine: plasticity and metaplasticity. Addiction Biology, 2015, 20, 941-955. | 2.6 | 46 |
| 21 | Cerebellar perineuronal nets in cocaine-induced pavlovian memory: Site matters. Neuropharmacology, 2017, 125, 166-180. | 4.1 | 35 |
| 22 | Perineuronal Nets and CNS Plasticity and Repair. Neural Plasticity, 2016, 2016, 1-2. | 2.2 | 32 |
| 23 | Activity-Dependent Plasticity and Gene Expression Modifications in the Adult CNS. Frontiers in Molecular Neuroscience, 2011, 4, 50. | 2.9 | 31 |
| 24 | Extrinsic regulation of injury/growth-related gene expression in the inferior olive of the adult rat. European Journal of Neuroscience, 2003, 18, 2146-2158. | 2.6 | 30 |
| 25 | Cocaine-induced plasticity in the cerebellum of sensitised mice. Psychopharmacology, 2015, 232, 4455-4467. | 3.1 | 30 |
| 26 | Regenerative and survival capabilities of Purkinje cells overexpressing c-Jun. European Journal of Neuroscience, 2002, 16, 105-118. | 2.6 | 29 |
| 27 | Modifications of perineuronal nets and remodelling of excitatory and inhibitory afferents during vestibular compensation in the adult mouse. Brain Structure and Function, 2016, 221, 3193-3209. | 2.3 | 20 |
| 28 | Influence of the environment on adult CNS plasticity and repair. Cell and Tissue Research, 2012, 349, 161-167. | 2.9 | 18 |
| 29 | Overexpression of GAPâ€43 modifies the distribution of the receptors for myelinâ€associated growthâ€inhibitory proteins in injured Purkinje axons. European Journal of Neuroscience, 2009, 30, 1837-1848. | 2.6 | 16 |
| 30 | NPY-Y1 receptor signaling controls spatial learning and perineuronal net expression. Neuropharmacology, 2021, 184, 108425. | 4.1 | 15 |
| 31 | Nestin expression and reactive phenomena in the mouse cochlea after kanamycin ototoxicity. European Journal of Neuroscience, 2014, 39, 1729-1741. | 2.6 | 8 |
| 32 | MAPK Activation in Cerebellar Basket Cell Terminals after Harmaline Treatment. Annals of the New York Academy of Sciences, 2005, 1048, 411-417. | 3.8 | 2 |
| 33 | Reparative mechanisms in the cerebellar cortex. Progress in Neurobiology, 2004, 72, 373-373. | 5.7 | 0 |
| 34 | Intensive Remodeling of Purkinje Cell Spines after Climbing Fibers Deafferentation Does Not Involve MAPK and Akt Activation. Annals of the New York Academy of Sciences, 2007, 1096, 230-238. | 3.8 | 0 |