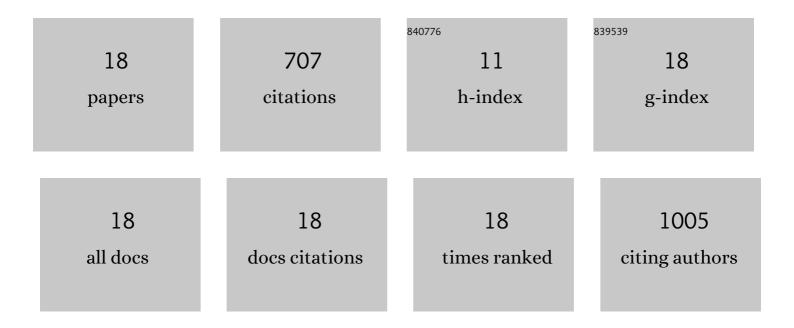
## Andrea Barberis

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Spatial regulation of coordinated excitatory and inhibitory synaptic plasticity at dendritic synapses.<br>Cell Reports, 2022, 38, 110347.   | 6.4  | 17        |
| 2  | Long-term plasticity of inhibitory synapses in the hippocampus and spatial learning depends on matrix metalloproteinase 3. Cellular and Molecular Life Sciences, 2021, 78, 2279-2298.                       | 5.4  | 12        |
| 3  | Cooled SPAD array detector for low light-dose fluorescence laser scanning microscopy. Biophysical Reports, 2021, 1, 100025.   | 1.2  | 7         |
| 4  | Genetic Code Expansion and Click-Chemistry Labeling to Visualize GABA-A Receptors by Super-Resolution Microscopy. Frontiers in Synaptic Neuroscience, 2021, 13, 727406.                                     | 2.5  | 4         |
| 5  | Postsynaptic plasticity of GABAergic synapses. Neuropharmacology, 2020, 169, 107643.  | 4.1  | 35        |
| 6  | Tuning GABAergic Inhibition: Gephyrin Molecular Organization and Functions. Neuroscience, 2020, 439, 125-136.   | 2.3  | 37        |
| 7  | Preserving the balance: diverse forms of long-term GABAergic synaptic plasticity. Nature Reviews<br>Neuroscience, 2019, 20, 272-281.  | 10.2 | 96        |
| 8  | Nanoscale Molecular Reorganization of the Inhibitory Postsynaptic Density Is a Determinant of GABAergic Synaptic Potentiation. Journal of Neuroscience, 2017, 37, 1747-1756.                                | 3.6  | 81        |
| 9  | Correlating Fluorescence and High-Resolution Scanning Electron Microscopy (HRSEM) for the study of GABAA receptor clustering induced by inhibitory synaptic plasticity. Scientific Reports, 2017, 7, 13768. | 3.3  | 7         |
| 10 | Inter-Synaptic Lateral Diffusion of GABAA Receptors Shapes Inhibitory Synaptic Currents. Neuron, 2017,<br>95, 63-69.e5.   | 8.1  | 40        |
| 11 | Emerging Mechanisms Underlying Dynamics of GABAergic Synapses. Journal of Neuroscience, 2017, 37, 10792-10799.  | 3.6  | 24        |
| 12 | Editorial: Plasticity of GABAergic synapses. Frontiers in Cellular Neuroscience, 2015, 9, 262.  | 3.7  | 10        |
| 13 | HDAC6 and RhoA are novel players in Abeta-driven disruption of neuronal polarity. Nature<br>Communications, 2015, 6, 7781.  | 12.8 | 52        |
| 14 | Diffusion dynamics of synaptic molecules during inhibitory postsynaptic plasticity. Frontiers in<br>Cellular Neuroscience, 2014, 8, 300.  | 3.7  | 50        |
| 15 | Synaptic recruitment of gephyrin regulates surface GABAA receptor dynamics for the expression of inhibitory LTP. Nature Communications, 2014, 5, 3921.  | 12.8 | 158       |
| 16 | 3D Cell Cultures: Nanostructured Superhydrophobic Substrates Trigger the Development of 3D<br>Neuronal Networks (Small 3/2013). Small, 2013, 9, 334-334.  | 10.0 | 2         |
| 17 | Impact of Synaptic Neurotransmitter Concentration Time Course on the Kinetics and Pharmacological<br>Modulation of Inhibitory Synaptic Currents. Frontiers in Cellular Neuroscience, 2011, 5, 6.            | 3.7  | 44        |
| 18 | Influence of GABA <sub>A</sub> R Monoliganded States on GABAergic Responses. Journal of Neuroscience, 2011, 31, 1752-1761.  | 3.6  | 31        |