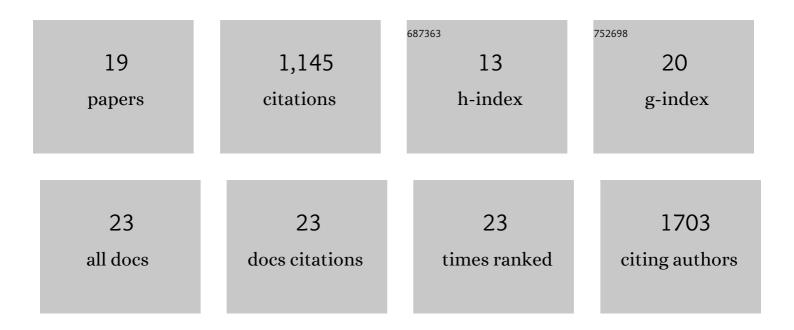
## Michel Volovitch

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5979042/publications.pdf Version: 2024-02-01



| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Sustained production of ROS triggers compensatory proliferation and is required for regeneration to proceed. Scientific Reports, 2013, 3, 2084.  | 3.3  | 256       |
| 2  | How to control proteins with light in living systems. Nature Chemical Biology, 2014, 10, 533-541.  | 8.0  | 216       |
| 3  | Small fluorescence-activating and absorption-shifting tag for tunable protein imaging in vivo.<br>Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 497-502.   | 7.1  | 186       |
| 4  | Hydrogen peroxide (H2O2) controls axon pathfinding during zebrafish development. Developmental<br>Biology, 2016, 414, 133-141.   | 2.0  | 77        |
| 5  | Hydrogen Peroxide and Redox Regulation of Developments. Antioxidants, 2018, 7, 159.  | 5.1  | 59        |
| 6  | Heritable expansion of the genetic code in mouse and zebrafish. Cell Research, 2017, 27, 294-297.  | 12.0 | 57        |
| 7  | Nerves Control Redox Levels in Mature Tissues Through Schwann Cells and Hedgehog Signaling.<br>Antioxidants and Redox Signaling, 2016, 24, 299-311.  | 5.4  | 48        |
| 8  | Resonant out-of-phase fluorescence microscopy and remote imaging overcome spectral limitations.<br>Nature Communications, 2017, 8, 969.  | 12.8 | 41        |
| 9  | A Mouse Model for Conditional Secretion of Specific Single-Chain Antibodies Provides Genetic<br>Evidence for Regulation of Cortical Plasticity by a Non-cell Autonomous Homeoprotein Transcription<br>Factor. PLoS Genetics, 2016, 12, e1006035. | 3.5  | 38        |
| 10 | A Farâ€Red Emitting Fluorescent Chemogenetic Reporter for Inâ€Vivo Molecular Imaging. Angewandte<br>Chemie - International Edition, 2020, 59, 17917-17923.   | 13.8 | 29        |
| 11 | Fluorogenic Probing of Membrane Protein Trafficking. Bioconjugate Chemistry, 2018, 29, 1823-1828.  | 3.6  | 24        |
| 12 | Optical Control of Tumor Induction in the Zebrafish. Scientific Reports, 2017, 7, 9195.  | 3.3  | 22        |
| 13 | Nerves, H2O2 and Shh: Three players in the game of regeneration. Seminars in Cell and Developmental<br>Biology, 2018, 80, 65-73.   | 5.0  | 19        |
| 14 | H2O2 and Engrailed 2 paracrine activity synergize to shape the zebrafish optic tectum.<br>Communications Biology, 2020, 3, 536.  | 4.4  | 18        |
| 15 | Control of brain patterning by Engrailed paracrine transfer: a new function of the Pbx interaction domain. Development (Cambridge), 2015, 142, 1840-1849.  | 2.5  | 15        |
| 16 | Control of Protein Activity and Gene Expression by Cyclofenâ€OH Uncaging. ChemBioChem, 2018, 19,<br>1232-1238.   | 2.6  | 12        |
| 17 | An early Shh–H2O2 reciprocal regulatory interaction controls the regenerative program during zebrafish fin regeneration. Journal of Cell Science, 2022, 135, .   | 2.0  | 9         |
| 18 | Versatile On-Demand Fluorescent Labeling of Fusion Proteins Using Fluorescence-Activating and Absorption-Shifting Tag (FAST). Methods in Molecular Biology, 2021, 2350, 253-265.   | 0.9  | 5         |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Reciprocal Regulation of Shh Trafficking and H2O2 Levels via a Noncanonical BOC-Rac1 Pathway.<br>Antioxidants, 2022, 11, 718. | 5.1 | 4         |