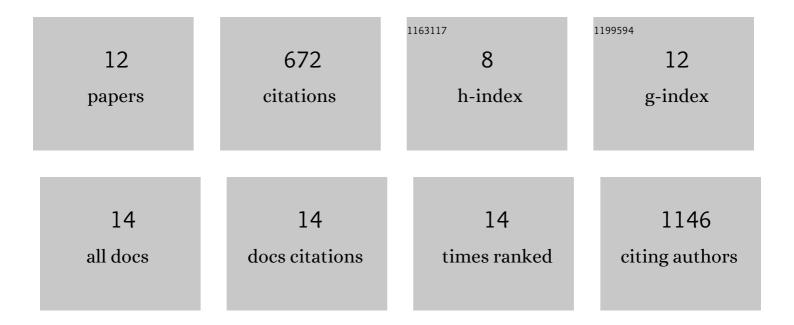
Andrii A Kaberniuk

List of Publications by Year in descending order

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ANDRILA KAREDNILIK

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Multiscale photoacoustic tomography using reversibly switchable bacterial phytochrome as a near-infrared photochromic probe. Nature Methods, 2016, 13, 67-73. | 19.0 | 206 |
| 2 | A bacterial phytochrome-based optogenetic system controllable with near-infrared light. Nature Methods, 2016, 13, 591-597. | 19.0 | 181 |
| 3 | Natural Photoreceptors as a Source of Fluorescent Proteins, Biosensors, and Optogenetic Tools. Annual Review of Biochemistry, 2015, 84, 519-550. | 11.1 | 161 |
| 4 | Near-infrared light–controlled systems for gene transcription regulation, protein targeting and spectral multiplexing. Nature Protocols, 2018, 13, 1121-1136. | 12.0 | 33 |
| 5 | Single-component near-infrared optogenetic systems for gene transcription regulation. Nature Communications, 2021, 12, 3859. | 12.8 | 30 |
| 6 | Optogenetic manipulation and photoacoustic imaging using a near-infrared transgenic mouse model. Nature Communications, 2022, 13, 2813. | 12.8 | 18 |
| 7 | moxDendra2: an inert photoswitchable protein for oxidizing environments. Chemical Communications, 2017, 53, 2106-2109. | 4.1 | 12 |
| 8 | moxMaple3: a Photoswitchable Fluorescent Protein for PALM and Protein Highlighting in Oxidizing Cellular Environments. Scientific Reports, 2018, 8, 14738. | 3.3 | 12 |
| 9 | Statistical analysis of the distribution of the antibody levels to Mycobacterium bovis antigenes for bovine tuberculosis diagnostics. Cytology and Genetics, 2010, 44, 280-285. | 0.5 | 4 |
| 10 | Construction of bifunctional molecules specific to antigen and antibody's Fc-fragment by fusion of scFv-antibodies with staphylococcal protein A. Biopolymers and Cell, 2009, 25, 245-249. | 0.4 | 3 |
| 11 | Expression of Mycobacterium tuberculosis proteins MPT63 and MPT83 as a fusion: purification, refolding and immunological characterization. Journal of Applied Biomedicine, 2012, 10, 169-176. | 1.7 | 1 |
| 12 | Reversibly switchable photoacoustic tomography using a genetically encoded near-infrared phytochrome. , 2016, , . | | 1 |