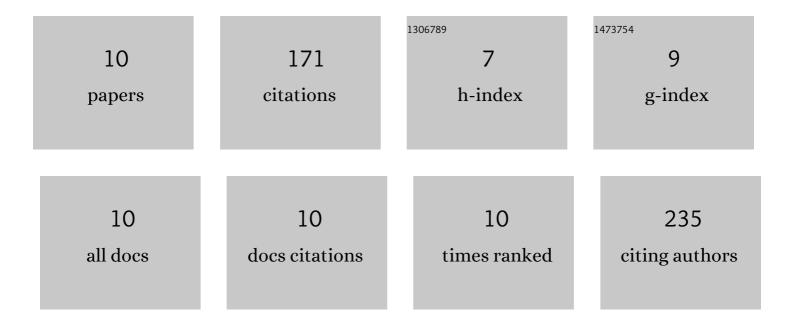
## Piotr Zawal

List of Publications by Year in descending order

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ΡΙΟΤΡ ΖΑΝΛΑΙ

#	Article	IF	CITATIONS
1	Lightâ€Induced Synaptic Effects Controlled by Incorporation of Chargeâ€Trapping Layer into Hybrid Perovskite Memristor. Advanced Electronic Materials, 2022, 8, .	2.6	9
2	From Oscillatory Reactions to Robotics: A Serendipitous Journey Through Chemistry, Physics and Computation. , 2021, , 1-79.		2
3	Neuromorphic Applications of a Multivalued [SnI <sub>4</sub> {(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> SO} <sub>2</sub> ] Memristor Incorporated in the Echo State Machine. ACS Applied Electronic Materials, 2020, 2, 329-338.	2.0	16
4	Halogen-containing semiconductors: From artificial photosynthesis to unconventional computing. Coordination Chemistry Reviews, 2020, 415, 213316.	9.5	21
5	Bismuth triiodide complexes: structure, spectroscopy, electronic properties, and memristive properties. Journal of Materials Chemistry C, 2020, 8, 6136-6148.	2.7	6
6	In-materioneuromimetic devices: dynamics, information processing and pattern recognition. Japanese Journal of Applied Physics, 2020, 59, 050504.	0.8	17
7	Synaptic plasticity, metaplasticity and memory effects in hybrid organic–inorganic bismuth-based materials. Nanoscale, 2019, 11, 1080-1090.	2.8	36
8	Memristor in a Reservoir System—Experimental Evidence for High-Level Computing and Neuromorphic Behavior of PbI <sub>2</sub> . ACS Applied Materials & Interfaces, 2019, 11, 17009-17018.	4.0	23
9	Heavy pnictogen chalcohalides: the synthesis, structure and properties of these rediscovered semiconductors. Chemical Communications, 2018, 54, 12133-12162.	2.2	39
10	Hollow microtubes made of carbon, boron and gold: novel semiconducting nanocomposite material for applications in electrochemistry and temperature sensing. RSC Advances, 2015, 5, 64083-64090.	1.7	2