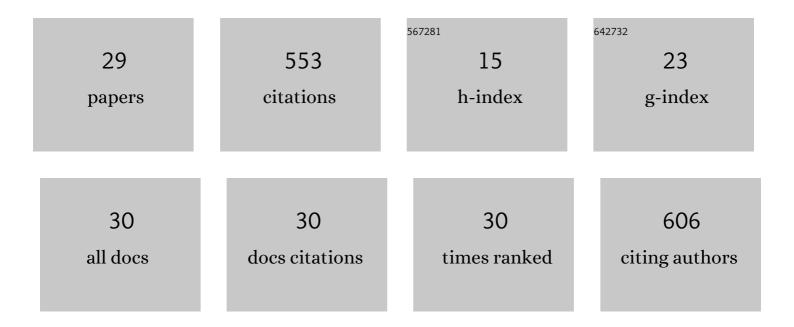
Pavel MalÃ¹/₂

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2033549/publications.pdf

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DAVEL MALÃI

#	Article	IF	CITATIONS
1	Facing the fluctuations. Nature Chemistry, 2022, 14, 121-123.	13.6	0
2	Direct comparison of molecular-beam vs liquid-phase pump–probe and two-dimensional spectroscopy on the example of azulene. Journal of Chemical Physics, 2022, 157, .	3.0	4
3	Fluorescence band exchange narrowing in a series of squaraine oligomers: energetic <i>vs.</i> structural disorder. Physical Chemistry Chemical Physics, 2021, 23, 18393-18403.	2.8	9
4	Anisotropy in fifth-order exciton–exciton-interaction two-dimensional spectroscopy. Journal of Chemical Physics, 2021, 154, 154202.	3.0	5
5	Fluorescenceâ€Ðetected Pump–Probe Spectroscopy. Angewandte Chemie - International Edition, 2021, 60, 18867-18875.	13.8	16
6	Fluoreszenzâ€detektierte Pumpâ€Probeâ€6pektroskopie. Angewandte Chemie, 2021, 133, 19015-19024.	2.0	0
7	From wavelike to sub-diffusive motion: exciton dynamics and interaction in squaraine copolymers of varying length. Chemical Science, 2020, 11, 456-466.	7.4	38
8	Signatures of exciton dynamics and interaction in coherently and fluorescence-detected four- and six-wave-mixing two-dimensional electronic spectroscopy. Journal of Chemical Physics, 2020, 153, 144204.	3.0	23
9	Coherently and fluorescence-detected two-dimensional electronic spectroscopy: direct comparison on squaraine dimers. Physical Chemistry Chemical Physics, 2020, 22, 21222-21237.	2.8	30
10	Quantum dissipation driven by electron transfer within a single molecule investigated with atomic force microscopy. Nature Communications, 2020, 11, 1337.	12.8	18
11	Probing Exciton Transport in Squaraine Polymers Using Fifth-Order Two-Dimensional Spectroscopy. , 2020, , .		0
12	Coherently and Fluorescence-Detected Four- and Six-Wave-Mixing Two-Dimensional Electronic Spectroscopy: Measuring Multi-Exciton Dynamics and Delocalization. , 2020, , .		0
13	Strong plasmonic fluorescence enhancement of individual plant light-harvesting complexes. Nanoscale, 2019, 11, 15139-15146.	5.6	16
14	Interplay between structural hierarchy and exciton diffusion in artificial light harvesting. Nature Communications, 2019, 10, 4615.	12.8	44
15	Rapid multiple-quantum three-dimensional fluorescence spectroscopy disentangles quantum pathways. Nature Communications, 2019, 10, 4735.	12.8	27
16	Electron-vibrational coupling decreases trapping by low-energy states in photosynthesis. Chemical Physics, 2019, 522, 69-76.	1.9	5
17	Mechanistic Regimes of Vibronic Transport in a Heterodimer and the Design Principle of Incoherent Vibronic Transport in Phycobiliproteins. Journal of Physical Chemistry Letters, 2018, 9, 2665-2670.	4.6	32
18	Robust light harvesting by a noisy antenna. Physical Chemistry Chemical Physics, 2018, 20, 4360-4372.	2.8	13

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#	Article	IF	CITATIONS
19	From isolated light-harvesting complexes to the thylakoid membrane: a single-molecule perspective. Nanophotonics, 2018, 7, 81-92.	6.0	12
20	Signatures of Exciton Delocalization and Exciton–Exciton Annihilation in Fluorescence-Detected Two-Dimensional Coherent Spectroscopy. Journal of Physical Chemistry Letters, 2018, 9, 5654-5659.	4.6	45
21	Interplay of disorder and delocalization in photosynthetic light harvesting. Current Opinion in Chemical Biology, 2018, 47, 1-6.	6.1	10
22	Polarization-controlled optimal scatter suppression in transient absorption spectroscopy. Scientific Reports, 2017, 7, 43484.	3.3	10
23	How reduced excitonic coupling enhances light harvesting in the main photosynthetic antennae of diatoms. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11063-E11071.	7.1	26
24	Estimation of damped oscillation associated spectra from ultrafast transient absorption spectra. Journal of Chemical Physics, 2016, 145, 174201.	3.0	18
25	Single Molecule Spectroscopy of Monomeric LHCII: Experiment and Theory. Scientific Reports, 2016, 6, 26230.	3.3	13
26	The Role of Resonant Vibrations in Electronic Energy Transfer. ChemPhysChem, 2016, 17, 1356-1368.	2.1	56
27	Ultrafast energy relaxation in single light-harvesting complexes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2934-2939.	7.1	35
28	The Role of Exciton Delocalization in the Major Photosynthetic Light-Harvesting Antenna of Plants. Biophysical Journal, 2015, 108, 1047-1056.	0.5	26
29	Dynamic coherence in excitonic molecular complexes under various excitation conditions. Chemical Physics, 2014, 439, 100-110.	1.9	22