

# Tomas Serevičius

## List of Publications by Year in descending order

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26  
papers

658  
citations

623574

14  
h-index

610775

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced electroluminescence based on thermally activated delayed fluorescence from a carbazole-triazine derivative. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 15850.	1.3	115
2	Effect of reverse intersystem crossing rate to suppress efficiency roll-off in organic light-emitting diodes with thermally activated delayed fluorescence emitters. <i>Chemical Physics Letters</i> , 2016, 644, 62-67.	1.2	96
3	Triplet-Triplet Annihilation in 9,10-Diphenylanthracene Derivatives: The Role of Intersystem Crossing and Exciton Diffusion. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8515-8524.	1.5	47
4	Non-symmetric 9,10-diphenylanthracene-based deep-blue emitters with enhanced charge transport properties. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7089-7101.	1.3	45
5	Minimization of solid-state conformational disorder in donor-acceptor TADF compounds. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 265-272.	1.3	42
6	Room temperature phosphorescence vs. thermally activated delayed fluorescence in carbazole-pyrimidine cored compounds. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11128-11136.	2.7	32
7	Origin of dual emission in <i>Ï</i> -bridged donor-acceptor TADF compounds. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12601-12609.	2.7	32
8	Achieving Submicrosecond Thermally Activated Delayed Fluorescence Lifetime and Highly Efficient Electroluminescence by Fine-Tuning of the Phenoxazine-Pyrimidine Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 10727-10736.	4.0	32
9	Emission wavelength dependence on the rISC rate in TADF compounds with large conformational disorder. <i>Chemical Communications</i> , 2019, 55, 1975-1978.	2.2	31
10	Single-exponential solid-state delayed fluorescence decay in TADF compounds with minimized conformational disorder. <i>Journal of Materials Chemistry C</i> , 2021, 9, 836-841.	2.7	21
11	Photophysical properties of 2-phenylanthracene and its conformationally-stabilized derivatives. <i>Dyes and Pigments</i> , 2013, 98, 304-315.	2.0	20
12	Achieving efficient deep-blue TADF in carbazole-pyrimidine compounds. <i>Organic Electronics</i> , 2020, 82, 105723.	1.4	19
13	Optimization of the carbazole-pyrimidine linking pattern for achieving efficient TADF. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11192-11200.	2.7	18
14	TADF Parameters in the Solid State: An Easy Way to Draw Wrong Conclusions. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1637-1641.	1.1	16
15	Tuning of HOMO-LUMO localization for achieving thermally activated delayed fluorescence. <i>Journal of Luminescence</i> , 2022, 241, 118473.	1.5	14
16	Temporal Dynamics of Solid-State Thermally Activated Delayed Fluorescence: Disorder or Ultraslow Solvation?. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1839-1844.	2.1	12
17	Impact of non-symmetric 2,9,10-aryl substitution on charge transport and optical properties of anthracene derivatives. <i>Dyes and Pigments</i> , 2015, 122, 147-159.	2.0	10
18	Heterocyclic heptacene analogs - 8H-16,17-epoxydinaphto[2,3-c:2',3'-g]carbazoles as charge transport materials. <i>Dyes and Pigments</i> , 2016, 124, 133-144.	2.0	10

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19	Inactivation of bacterial biofilms using visible-light-activated unmodified ZnO nanorods. <i>Nanotechnology</i> , 2017, 28, 365701.	1.3	10
20	Optical Characterization of MBE-Grown ZnO Epilayers. <i>Advanced Materials Research</i> , 0, 222, 86-89.	0.3	8
21	Conformational disorder enabled emission phenomena in heavily doped TADF films. <i>Physical Chemistry Chemical Physics</i> , 2021, 24, 313-320.	1.3	8
22	Suppression of Charge Transfer States in Aryl-Substituted 9,9-Bianthryl Derivatives. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27344-27354.	1.5	6
23	Photoluminescence studies of MBE-grown ZnO and MgZnO epitaxial layers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2668-2670.	0.8	5
24	Luminescence of ZnO crystals under surface and bulk excitation regimes. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2671-2673.	0.8	4
25	Growth, properties and sensor applications of low temperature grown ZnO nanorods. <i>Lithuanian Journal of Physics</i> , 2011, 51, 309-312.	0.1	3
26	Substituent effect on TADF properties of 2-modified 4,6-bis(3,6-di- <i>tert</i> -butyl-9-carbazolyl)-5-methylpyrimidines. <i>Beilstein Journal of Organic Chemistry</i> , 0, 18, 497-507.	1.3	2