

# Fernando B Dias

## List of Publications by Year in descending order

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116  
papers

7,736  
citations

57719

44  
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51562

86  
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117  
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117  
docs citations

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times ranked

5508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triplet Harvesting with 100% Efficiency by Way of Thermally Activated Delayed Fluorescence in Charge Transfer OLED Emitters. <i>Advanced Materials</i> , 2013, 25, 3707-3714.	11.1	861
2	The Role of Local Triplet Excited States and Dâ€A Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. <i>Advanced Science</i> , 2016, 3, 1600080.	5.6	403
3	Photophysics of thermally activated delayed fluorescence molecules. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 012001.	1.1	394
4	Deep Blue Exciplex Organic Lightâ€Emitting Diodes with Enhanced Efficiency; Pâ€Type or Eâ€Type Triplet Conversion to Singlet Excitons?. <i>Advanced Materials</i> , 2013, 25, 1455-1459.	11.1	276
5	Highly Efficient TADF OLEDs: How the Emitterâ€Host Interaction Controls Both the Excited State Species and Electrical Properties of the Devices to Achieve Near 100% Triplet Harvesting and High Efficiency. <i>Advanced Functional Materials</i> , 2014, 24, 6178-6186.	7.8	273
6	The theory of thermally activated delayed fluorescence for organic light emitting diodes. <i>Chemical Communications</i> , 2018, 54, 3926-3935.	2.2	239
7	Rational Design of TADF Polymers Using a Donorâ€Acceptor Monomer with Enhanced TADF Efficiency Induced by the Energy Alignment of Charge Transfer and Local Triplet Excited States. <i>Advanced Optical Materials</i> , 2016, 4, 597-607.	3.6	235
8	Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. <i>Nature Communications</i> , 2017, 8, 14987.	5.8	235
9	Intramolecular Charge Transfer Controls Switching Between Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16407-16411.	7.2	230
10	The interplay of thermally activated delayed fluorescence (TADF) and room temperature organic phosphorescence in sterically-constrained donorâ€acceptor charge-transfer molecules. <i>Chemical Communications</i> , 2016, 52, 2612-2615.	2.2	217
11	Engineering the singletâ€triplet energy splitting in a TADF molecule. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3815-3824.	2.7	175
12	Achieving 21% External Quantum Efficiency for Nondoped Solutionâ€Processed Skyâ€Blue Thermally Activated Delayed Fluorescence OLEDs by Means of Multiâ€(Donor/Acceptor) Emitter with Throughâ€Space/â€Bond Charge Transfer. <i>Advanced Science</i> , 2020, 7, 1902087.	5.6	160
13	Pendant Homopolymer and Copolymers as Solution-Processable Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. <i>Macromolecules</i> , 2016, 49, 5452-5460.	2.2	145
14	Photophysical Investigation of the Thermally Activated Delayed Emission from Films of mâ€MTDATA:PBD Exciplex. <i>Advanced Functional Materials</i> , 2014, 24, 2343-2351.	7.8	136
15	Intramolecular Charge Transfer Assisted by Conformational Changes in the Excited State of Fluorene-dibenzothiophene-S,S-dioxide Co-oligomers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19329-19339.	1.2	130
16	Kinetics and Thermodynamics of Poly(9,9-dioctylfluorene)âˆ2-Phase Formation in Dilute Solution. <i>Macromolecules</i> , 2006, 39, 5854-5864.	2.2	122
17	The Influence of Alkylâ€Chain Length on Betaâ€Phase Formation in Polyfluorenes. <i>Advanced Functional Materials</i> , 2009, 19, 67-73.	7.8	117
18	Tuning the Intramolecular Charge Transfer Emission from Deep Blue to Green in Ambipolar Systems Based on Dibenzothiophene $\langle i \rangle S \langle /i \rangle$ , $\langle i \rangle S \langle /i \rangle$ -Dioxide by Manipulation of Conjugation and Strength of the Electron Donor Units. <i>Journal of Organic Chemistry</i> , 2010, 75, 6771-6781.	1.7	114

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19	Exploiting a Dual Fluorescence Process in Fluorene-Dibenzothiophene-dioxide Copolymers to Give Efficient Single Polymer LEDs with Broadened Emission. <i>Advanced Functional Materials</i> , 2009, 19, 586-591.	7.8	108
20	Solution-Processable Thermally Activated Delayed Fluorescence White OLEDs Based on Dual Emission Polymers with Tunable Emission Colors and Aggregation-Enhanced Emission Properties. <i>Advanced Optical Materials</i> , 2017, 5, 1700435.	3.6	99
21	Intramolecular Charge Transfer Controls Switching Between Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2018, 130, 16645-16649.	1.6	98
22	Investigation of the Mechanisms Giving Rise to TADF in Exciplex States. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18259-18267.	1.5	95
23	Influence of Solvent Quality on the Self-Organization of Archetypical Hairy Rods: Branched and Linear Side Chain Polyfluorenes: Rodlike Chains versus $\beta$ -Sheets in Solution. <i>Macromolecules</i> , 2006, 39, 6505-6512.	2.2	90
24	Copper(I) complexes with bipyridyl and phosphine ligands: a systematic study. <i>Dalton Transactions</i> , 2012, 41, 8669.	1.6	90
25	Influence of Side Chain Length on the Self-Assembly of Hairy-Rod Poly(9,9-dialkylfluorene)s in the Poor Solvent Methylcyclohexane. <i>Macromolecules</i> , 2007, 40, 9398-9405.	2.2	87
26	Realizing 20% External Quantum Efficiency in Electroluminescence with Efficient Thermally Activated Delayed Fluorescence from an Exciplex. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13460-13471.	4.0	84
27	The contributions of molecular vibrations and higher triplet levels to the intersystem crossing mechanism in metal-free organic emitters. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6269-6280.	2.7	83
28	Picosecond conformational relaxation of singlet excited polyfluorene in solution. <i>Journal of Chemical Physics</i> , 2003, 118, 7119-7126.	1.2	78
29	Multicolor Luminescence Switching and Controllable Thermally Activated Delayed Fluorescence Turn on/Turn off in Carbazole-Quinoxaline-Carbazole Triads. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1172-1177.	2.1	77
30	The contribution of triplet-triplet annihilation to the lifetime and efficiency of fluorescent polymer organic light emitting diodes. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	73
31	Dipolar Stabilization of Emissive Singlet Charge Transfer Excited States in Polyfluorene Copolymers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6557-6566.	1.2	67
32	Dinuclear Design of a Pt(II) Complex Affording Highly Efficient Red Emission: Photophysical Properties and Application in Solution-Processible OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 8182-8193.	4.0	67
33	Fast and Slow Time Regimes of Fluorescence Quenching in Conjugated Polyfluorene-Fluorenone Random Copolymers: The Role of Exciton Hopping and Dexter Transfer along the Polymer Backbone. <i>Macromolecules</i> , 2006, 39, 1598-1606.	2.2	65
34	High efficiency OLEDs based on anthracene derivatives: The impact of electron donating and withdrawing group on the performance of OLED. <i>Organic Electronics</i> , 2016, 30, 149-157.	1.4	65
35	Bipolar Molecules with High Triplet Energies: Synthesis, Photophysical, and Structural Properties. <i>Journal of Organic Chemistry</i> , 2011, 76, 8300-8310.	1.7	63
36	Bridged diiridium complexes for electrophosphorescent OLEDs: synthesis, X-ray crystal structures, photophysics, and devices. <i>Journal of Materials Chemistry</i> , 2006, 16, 1046.	6.7	61

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37	Bond Rotations and Heteroatom Effects in Donor–Acceptor–Donor Molecules: Implications for Thermally Activated Delayed Fluorescence and Room Temperature Phosphorescence. <i>Journal of Organic Chemistry</i> , 2018, 83, 14431-14442.	1.7	61
38	The influence of molecular conformation on the photophysics of organic room temperature phosphorescent luminophores. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9238-9247.	2.7	59
39	Thermally activated delayed fluorescence with a narrow emission spectrum and organic room temperature phosphorescence by controlling spin–orbit coupling and phosphorescence lifetime of metal-free organic molecules. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5434-5443.	2.7	56
40	The influence of molecular geometry on the efficiency of thermally activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6672-6684.	2.7	53
41	Balancing charge-transfer strength and triplet states for deep-blue thermally activated delayed fluorescence with an unconventional electron rich dibenzothiophene acceptor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13224-13234.	2.7	52
42	Triplet exciton state and related phenomena in the $\hat{I}^2$ -phase of poly(9,9-dioctyl)fluorene. <i>Physical Review B</i> , 2004, 70, .	1.1	49
43	The interplay of conformation and photophysical properties in deep-blue fluorescent oligomers. <i>Chemical Communications</i> , 2010, 46, 4812.	2.2	48
44	Kinetics of thermal-assisted delayed fluorescence in blue organic emitters with large singlet–triplet energy gap. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140447.	1.6	48
45	Dynamics of conformational relaxation in photoexcited oligofluorenes and polyfluorene. <i>Physical Review B</i> , 2006, 74, .	1.1	46
46	Photophysical Studies of $\hat{I}^{\pm}$ -Dicyano-oligothiophenes $\text{NC}(\text{C}_4\text{H}_2\text{S})_n\text{CN}$ ( $n = 1\hat{a}^{\sim}6$ ). <i>Journal of Physical Chemistry B</i> , 2006, 110, 6499-6505.	1.2	45
47	Thermally Activated Delayed Fluorescence in $\text{Cu}^{\text{I}}$ Complexes Originating from Restricted Molecular Vibrations. <i>Chemistry - A European Journal</i> , 2017, 23, 11761-11766.	1.7	45
48	Blue TADF Emitters Based on Indenocarbazole Derivatives with High Photoluminescence and Electroluminescence Efficiencies. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10758-10767.	4.0	44
49	Impact of Methoxy Substituents on Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence in All-Organic Donor–Acceptor Systems. <i>Journal of Organic Chemistry</i> , 2019, 84, 3801-3816.	1.7	43
50	Oligo(fluorenyl)pyridine ligands and their tris-cyclometalated iridium(III) complexes: synthesis, photophysical properties and electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 4963.	6.7	42
51	Extended ligand conjugation and dinuclearity as a route to efficient platinum-based near-infrared (NIR) triplet emitters and solution-processed NIR-OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 127-135.	2.7	42
52	Polyfluorene Photophysics. , 2008, , 187-225.		39
53	An iminodibenzyl–quinoxaline–iminodibenzyl scaffold as a mechanochromic and dual emitter: donor and bridge effects on optical properties. <i>Chemical Communications</i> , 2018, 54, 13857-13860.	2.2	39
54	Exceptionally fast radiative decay of a dinuclear platinum complex through thermally activated delayed fluorescence. <i>Chemical Science</i> , 2021, 12, 6172-6180.	3.7	37

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55	Asymmetricalâ€œDendronized TADF Emitters for Efficient Nonâ€œDoped Solutionâ€œProcessed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	36
56	Exciton Diffusion in Polyfluorene Copolymer Thin Films: Kinetics, Energy Disorder and Thermally Assisted Hopping. <i>ChemPhysChem</i> , 2009, 10, 2096-2104.	1.0	35
57	Room temperature phosphorescence lifetime and spectrum tuning of substituted thianthrenes. <i>Dyes and Pigments</i> , 2017, 142, 315-322.	2.0	35
58	Intramolecular fluorescence quenching in luminescent copolymers containing fluorenone and fluorene units: A direct measurement of intrachain exciton hopping rate. <i>Journal of Chemical Physics</i> , 2005, 122, 054904.	1.2	34
59	Direct Conjugation of Semiconductor Nanocrystals to a Globular Protein to Study Protein-Folding Intermediates. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12294-12298.	1.2	33
60	Enhanced Triplet Formation by Twisted Intramolecular Charge-Transfer Excited States in Conjugated Oligomers and Polymers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8010-8016.	1.2	33
61	Synthesis and investigation of intra-molecular charge transfer state properties of novel donorâ€œacceptorâ€œdonor pyridine derivatives: the effects of temperature and environment on molecular configurations and the origin of delayed fluorescence. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25572-25582.	1.3	31
62	Observation of Dual Room Temperature Fluorescenceâ€œPhosphorescence in Air, in the Crystal Form of a Thianthrene Derivative. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24958-24966.	1.5	31
63	Thermally Activated Delayed Fluorescence in Polymerâ€œSmall-Molecule Exciplex Blends for Solution-Processed Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 28796-28802.	4.0	31
64	1,2,4-Triazines in the Synthesis of Bipyridine Bisphenolate ONNO Ligands and Their Highly Luminescent Tetradentate Pt(II) Complexes for Solution-Processable OLEDs. <i>Inorganic Chemistry</i> , 2018, 57, 3825-3832.	1.9	28
65	Generating Light from Upper Excited Triplet States: A Contribution to the Indirect Singlet Yield of a Polymer OLED, Helping to Exceed the 25% Singlet Exciton Limit. <i>Advanced Science</i> , 2016, 3, 1500221.	5.6	26
66	The role of dinuclearity in promoting thermally activated delayed fluorescence (TADF) in cyclometallated, N^C^N-coordinated platinum(<sc>ii</sc>) complexes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10276-10287.	2.7	26
67	TADF dendronized polymer with vibrationally enhanced direct spin-flip between charge-transfer states for efficient non-doped solution-processed OLEDs. <i>Chemical Engineering Journal</i> , 2022, 435, 134924.	6.6	26
68	Singletâ€œSinglet Energy Transfer in Self-Assembled Systems of the Cationic with Oppositely Charged Porphyrins. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16093-16100.	1.2	25
69	Donorâ€œAcceptor 1,2,4,5-Tetrazines Prepared by the Buchwaldâ€œHartwig Cross-Coupling Reaction and Their Photoluminescence Turn-On Property by Inverse Electron Demand Dielsâ€œAlder Reaction. <i>Journal of Organic Chemistry</i> , 2020, 85, 3407-3416.	1.7	25
70	An investigation into the excitation migration in polyfluorene solutions via temperature dependent fluorescence anisotropy. <i>Journal of Chemical Physics</i> , 2005, 122, 014902.	1.2	24
71	Homoleptic platinum(<sc>ii</sc>) complexes with pyridyltriazole ligands: excimer-forming phosphorescent emitters for solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6592-6606.	2.7	24
72	Silica nanoparticles with thermally activated delayed fluorescence for live cell imaging. <i>Materials Science and Engineering C</i> , 2020, 109, 110528.	3.8	23

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73	Singlet Excitation Energy Harvesting and Triplet Emission in the Self-Assembled System Poly{1,4-phenylene-9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} copolymer/tris(bipyridyl)ruthenium(II) in Aqueous Solution. <i>Advanced Materials</i> , 2009, 21, 1155-1159.	11.1	22
74	Achieving Conformational Control in Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence Emitters by Functionalization of the Central Core. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26536-26546.	1.5	21
75	Intermolecular interactions in molecular crystals and their effect on thermally activated delayed fluorescence of helicene-based emitters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10557-10568.	2.7	20
76	TADF Dye-Loaded Nanoparticles for Fluorescence Live-Cell Imaging. <i>Frontiers in Chemistry</i> , 2020, 8, 404.	1.8	20
77	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. <i>Dalton Transactions</i> , 2020, 49, 2190-2208.	1.6	19
78	Direct observation of protein folding in nanoenvironments using a molecular ruler. <i>Biophysical Chemistry</i> , 2006, 123, 40-48.	1.5	18
79	Boron complexes of aromatic 5-substituted iminopyrrolyl ligands: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2019, 48, 13337-13352.	1.6	18
80	Toward Efficient Toxic-Gas Detectors: Exploring Molecular Interactions of Sarin and Dimethyl Methylphosphonate with Metal-Centered Phthalocyanine Structures. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6090-6102.	1.5	18
81	Long range energy transfer in conjugated polymer sequential bilayers. <i>Journal of Chemical Physics</i> , 2011, 134, 104903.	1.2	17
82	Kinetic Studies of Geminate Polaron Pair Recombination, Dissociation, and Efficient Triplet Exciton Formation in PC:PCBM Organic Photovoltaic Blends. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4390-4398.	1.5	16
83	Experimental Techniques for Excited State Characterisation. , 2013, , 533-585.		15
84	Internal Dynamics of Poly(Methylphenylsiloxane) Chains as Revealed by Picosecond Time Resolved Fluorescence. <i>Journal of Physical Chemistry A</i> , 2001, 105, 10286-10295.	1.1	14
85	Anomalous Fluorescence of Linear Poly(methylphenylsiloxane) in Dilute Solution at Temperatures below ~50 Å°C. <i>Macromolecules</i> , 2000, 33, 4772-4779.	2.2	13
86	Vibronic effects in pathways of photochemistry and vibrational relaxation. <i>Chemical Physics</i> , 2005, 316, 108-116.	0.9	13
87	Cyclophane Molecules Exhibiting Thermally Activated Delayed Fluorescence: Linking Donor Units to Influence Molecular Conformation. <i>Journal of Organic Chemistry</i> , 2021, 86, 429-445.	1.7	13
88	Energy Transfer in Nanostructured Films Containing Poly( <i>p</i> -phenylene vinylene) and Acceptor Species. <i>Journal of Physical Chemistry C</i> , 2009, 113, 10303-10306.	1.5	12
89	Photophysics of Charge Generation in Organic Photovoltaic Materials: Kinetic Studies of Geminate and Free Polarons in a Model Donor/Acceptor System. <i>Journal of Physical Chemistry C</i> , 2012, 116, 86-97.	1.5	12
90	Luminescent halogen-substituted 2-( <i>N</i> -arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020, 49, 10185-10202.	1.6	11

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91	Enhancement of thermally activated delayed fluorescence properties by substitution of ancillary halogen in a multiple resonance-like diplatinum( $\text{D}^2\text{P}^2$ ) complex. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4851-4860.	2.7	11
92	The key role of geminate electron-hole pair recombination in the delayed fluorescence in rhodamine 6G and ATTO-532. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21543-21549.	1.3	10
93	Acridone-amine D-A-D thermally activated delayed fluorescence emitters with narrow resolved electroluminescence and their electrochromic properties. <i>Electrochimica Acta</i> , 2021, 384, 138347.	2.6	10
94	Dynamics of Cyclic Methylphenyltrisiloxane in the Picosecond to Nanosecond Time Range. <i>Journal of Physical Chemistry A</i> , 2000, 104, 17-24.	1.1	9
95	Luminescence Depolarization Dynamics of Quantum Dots: Is It Hydrodynamic Rotation or Exciton Migration?. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3423-3428.	1.5	9
96	Ultrafast Dynamics and Computational Studies on Diaminodicyanoquinodimethanes (DADQs). <i>Journal of Physical Chemistry B</i> , 2014, 118, 6815-6828.	1.2	9
97	Spectroscopic studies of different poly(3-hexylthiophene) chain environments in a polyfluorene matrix. <i>Journal of Luminescence</i> , 2016, 172, 118-123.	1.5	9
98	Indirect consequences of exciplex states on the phosphorescence lifetime of phenazine-based 1,2,3-triazole luminescent probes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3473-3479.	1.3	8
99	Time-resolved Photophysical Characterization of Triplet-harvesting Organic Compounds at an Oxygen-free Environment Using an iCCD Camera. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	8
100	Dynamics of Linear Poly(methylphenylsiloxane) by Time-Resolved Fluorescence: A Slow vs Fast Relaxations and Low-Temperature Behavior in Chains of Different Lengths. <i>Macromolecules</i> , 2002, 35, 7082-7088.	2.2	7
101	Photophysical properties of the asymmetrically substituted spirobifluorenes spiro-DPO and spiro-MeO-DPO. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2715-2722.	0.8	7
102	Convenient One-Pot Synthesis of 1,2,3,4-Thiatriazoles Towards a Novel Electron Acceptor for Highly Efficient Thermally Activated Delayed Fluorescence Emitters. <i>Chemistry - A European Journal</i> , 2019, 25, 2457-2462.	1.7	7
103	Photophysics of the Geminate Polaron Pair State in Copper Phthalocyanine Organic Photovoltaic Blends: Evidence for Enhanced Intersystem Crossing. <i>Advanced Materials</i> , 2013, 25, 1930-1938.	11.1	6
104	Inter/Intrachain Interactions Behind the Formation of Charge Transfer States in Polyspirobifluorene: A Case Study for Complex Excited-State Dynamics in Different Polarity Index Solvents. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5855-5863.	1.5	6
105	Dynamics of aggregated states resolved by gated fluorescence in films of room temperature phosphorescent emitters. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3814-3821.	1.3	6
106	Synthesis, Excited State Dynamics, and Optical Characteristics of Oligophenyl-Based Swivel Cruciforms in Solution and Solid State. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12765-12776.	1.2	5
107	Interfacial exciplex formation in bilayers of conjugated polymers. <i>Journal of Chemical Physics</i> , 2013, 139, 164908.	1.2	5
108	Asymmetrically Dendronized TADF Emitters for Efficient Non-doped Solution-Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5

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109	Benzannulation via the use of 1,2,4-triazines extends aromatic system of cyclometallated Pt(II) complexes to achieve candle light electroluminescence. <i>Dyes and Pigments</i> , 2021, 184, 108857.	2.0	4
110	Applying TADF Emitters in Bioimaging and Sensing – A Novel Approach Using Liposomes for Encapsulation and Cellular Uptake. <i>Frontiers in Chemistry</i> , 2021, 9, 743928.	1.8	4
111	Intramolecular interchromophore singlet-singlet and triplet-singlet energy transfer in a metal-free donor-acceptor emitter. <i>Journal of Luminescence</i> , 2021, 237, 118183.	1.5	3
112	Novel Easy to Synthesize Benzonitrile Compounds with Mixed Carbazole and Phenoxazine Substituents Exhibiting Dual Emission and TADF Properties. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2740-2753.	1.2	3
113	Measurement of interchain and intrachain exciton hopping barriers in luminescent polymer. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 015801.	0.7	2
114	Photophysics of Thermally Activated Delayed Fluorescence in Organic Molecules. <i>Materials and Energy</i> , 2018, , 227-261.	2.5	1
115	Thermally Activated Delayed Fluorescence Emitters for Light-Emitting Diodes and Sensing Applications. <i>Springer Series on Fluorescence</i> , 2019, , 269-292.	0.8	1
116	34.1: <i>Invited Paper</i> : Effect of Singlet Triplet Recycling in the Charge Transfer State Manifold and Molecular Geometry on Thermally Activated Delayed Fluorescence. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 494-497.	0.1	0