Neil J Findlay

List of Publications by Year
in descending order

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37 papers	1,118 citations	361413 20 h-index	395702 33 g-index
43 all docs	43 docs citations	43 times ranked	1851 citing authors

#	Article	IF	Citations
1	An Ambipolar BODIPY Derivative for a White Exciplex OLED and Cholesteric Liquid Crystal Laser toward Multifunctional Devices. ACS Applied Materials & Interfaces, 2017, 9, 4750-4757.	8.0	116
2	An Organic Downâ€Converting Material for Whiteâ€Light Emission from Hybrid LEDs. Advanced Materials, 2014, 26, 7290-7294.	21.0	111
3	To bend or not to bend â€“ are heteroatom interactions within conjugated molecules effective in dictating conformation and planarity?. Materials Horizons, 2016, 3, 333-339.	12.2	78
4	A single emitting layer white OLED based on exciplex interface emission. Journal of Materials Chemistry C, 2016, 4, 3851-3856.	5.5	74
5	Metal-Free Reductive Cleavage of Câ^'O Ïƒ-bonds in Acyloin Derivatives by an Organic Neutral Super-Electron-Donor. Journal of Organic Chemistry, 2009, 74, 8713-8718.	3.2	67
6	Reductions of Challenging Organic Substrates by a Nickel Complex of a Noninnocent Crown Carbene Ligand. Journal of the American Chemical Society, 2010, 132, 15462-15464.	13.7	63
7	Highly nonlinear transport across single-molecule junctions via destructive quantum interference. Nature Nanotechnology, 2021, 16, 313-317.	31.5	56
8	BODIPY-based conjugated polymers for broadband light sensing and harvesting applications. Journal of Materials Chemistry, 2012, 22, 14119.	6.7	54
9	Electron transfer activity of a cobalt crown carbene complex. Tetrahedron, 2009, 65, 10756-10761.	1.9	42
10	Incorporation of fused tetrathiafulvalene units in a DPPâ€“terthiophene copolymer for air stable solution processable organic field effect transistors. Journal of Materials Chemistry, 2012, 22, 11310.	6.7	41
11	High brightness solution-processed OLEDs employing linear, small molecule emitters. Journal of Materials Chemistry C, 2016, 4, 3774-3780.	5.5	40
12	One-Carbon Extrusion from a Tetraazafulvalene. Isolation of Aldehydes and a Study of Their Origin. Journal of the American Chemical Society, 2009, 131, 6475-6479.	13.7	38
13	The role of structural and electronic factors in shaping the ambipolar properties of donorâ€“acceptor polymers of thiophene and benzothiadiazole. RSC Advances, 2015, 5, 77303-77315.	3.6	33
14	Cool to warm white light emission from hybrid inorganic/organic light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 11499-11507.	5.5	28
15	Polythiophene and oligothiophene systems modified by TTF electroactive units for organic electronics. Beilstein Journal of Organic Chemistry, 2015, 11, 1749-1766.	2.2	27
16	Solution processable diketopyrrolopyrrole (DPP) cored small molecules with BODIPY end groups as novel donors for organic solar cells. Beilstein Journal of Organic Chemistry, 2014, 10, 2683-2695.	2.2	23
17	Novel 4,8-benzobisthiazole copolymers and their field-effect transistor and photovoltaic applications. Journal of Materials Chemistry C, 2017, 5, 11927-11936.	5.5	23
18	Noncovalent Close Contacts in Fluorinated Thiopheneâ€“Phenyleneâ€“Thiophene Conjugated Units: Understanding the Nature and Dominance of OÂ·Â·Â·H versus SÂ·Â·Â·F and OÂ·Â·Â·F Interactions with Respect to the Control of Polymer Conformation. Chemistry of Materials, 2019, 31, 7070-7079.	6.7	23

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19	Implementing fluorescent MOFs as down-converting layers in hybrid light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 2394-2400.	5.5	23
20	Linear oligofluorene-BODIPY structures for fluorescence applications. Journal of Materials Chemistry C, 2013, 1, 2249.	5.5	20
21	Fused H-shaped tetrathiafulvaleneâ€“oligothiophenes as charge transport materials for OFETs and OPVs. Journal of Materials Chemistry C, 2014, 2, 2674-2683.	5.5	15
22	Colour tuning in white hybrid inorganic/organic light-emitting diodes. Journal Physics D: Applied Physics, 2016, 49, 405103.	2.8	15
23	Electrochromic properties of a poly(dithienylfuran) derivative featuring a redox-active dithiin unit. Polymer Chemistry, 2012, 3, 2277.	3.9	14
24	Effect of end group functionalisation of small molecules featuring the fluoreneâ€“thiopheneâ€“benzothiadiazole motif as emitters in solution-processed red and orange organic light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 3934-3944.	5.5	14
25	Nanoparticles of Cu₂ZnSnS₄as performance enhancing additives for organic field-effect transistors. Journal of Materials Chemistry C, 2016, 4, 5109-5115.	5.5	11
26	Investigating the effect of heteroatom substitution in 2,1,3-benzoxadiazole and 2,1,3-benzothiadiazole compounds for organic photovoltaics. Journal of Materials Chemistry C, 2018, 6, 3709-3714.	5.5	11
27	Synthesis and properties of novel star-shaped oligofluorene conjugated systems with BODIPY cores. Beilstein Journal of Organic Chemistry, 2014, 10, 2704-2714.	2.2	8
28	Fluoreneâ€containing tetraphenylethylene molecules as lasing materials. Journal of Polymer Science Part A, 2017, 55, 734-746.	2.3	8
29	Poly([1,4]Dithiino[2,3â€c]Furan): The Synthesis, Electrochemistry, and Optoelectronic Properties of a Furanâ€Containing Polymer. Macromolecular Rapid Communications, 2013, 34, 1330-1334.	3.9	7
30	A poly(urethane)-encapsulated benzo[2,3-d:6,7-dâ€²]diimidazole organic down-converter for green hybrid LEDs. Materials Chemistry Frontiers, 2020, 4, 1006-1012.	5.9	7
31	Sexithiophenes as efficient luminescence quenchers of quantum dots. Beilstein Journal of Organic Chemistry, 2011, 7, 1722-1731.	2.2	6
32	Incorporation of perfluorohexyl-functionalised thiophenes into oligofluorene-truxenes: synthesis and physical properties. Beilstein Journal of Organic Chemistry, 2013, 9, 1243-1251.	2.2	6
33	Light-Emitting Diodes: An Organic Down-Converting Material for White-Light Emission from Hybrid LEDs (Adv. Mater. 43/2014). Advanced Materials, 2014, 26, 7415-7415.	21.0	3
34	Scale-up Chemical Synthesis of Thermally-activated Delayed Fluorescence Emitters Based on the Dibenzothiophene-S,S-Dioxide Core. Journal of Visualized Experiments, 2017, , .	0.3	3
35	Solution-processable 2,1,3-benzothiadiazole containing compound based on the novel 1-dodecyl-6-dodecoxynaphthyridine-2-one unit for organic field-effect transistors. Organic Electronics, 2017, 49, 400-405.	2.6	3
36	Fieldâ€Effect Mobility, Morphology and Electroluminescence of a Semiconductor Based on a DPPï£¿Quaterfluorene Quadrupolar Linear Conjugated System. Israel Journal of Chemistry, 2014, 54, 828-835.	2.3	2

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37	Synergistic electrodeposition of bilayer films and analysis by Raman spectroscopy. Beilstein Journal of Organic Chemistry, 2018, 14, 2186-2189.	2.2	1