

Neil J Findlay

List of Publications by Year in descending order

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37
papers

1,118
citations

361413

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395702

33
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all docs

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docs citations

43
times ranked

1851
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly nonlinear transport across single-molecule junctions via destructive quantum interference. <i>Nature Nanotechnology</i> , 2021, 16, 313-317.	31.5	56
2	A poly(urethane)-encapsulated benzo[2,3- <i>d</i> :6,7- <i>d'</i>]-diimidazole organic down-converter for green hybrid LEDs. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1006-1012.	5.9	7
3	Noncovalent Close Contacts in Fluorinated Thiophene-Phenylene-Thiophene Conjugated Units: Understanding the Nature and Dominance of O-H versus S-H and O-F Interactions with Respect to the Control of Polymer Conformation. <i>Chemistry of Materials</i> , 2019, 31, 7070-7079.	6.7	23
4	Implementing fluorescent MOFs as down-converting layers in hybrid light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2394-2400.	5.5	23
5	Effect of end group functionalisation of small molecules featuring the fluorene-thiophene-benzothiadiazole motif as emitters in solution-processed red and orange organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3934-3944.	5.5	14
6	Investigating the effect of heteroatom substitution in 2,1,3-benzoxadiazole and 2,1,3-benzothiadiazole compounds for organic photovoltaics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3709-3714.	5.5	11
7	Synergistic electrodeposition of bilayer films and analysis by Raman spectroscopy. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2186-2189.	2.2	1
8	An Ambipolar BODIPY Derivative for a White Exciplex OLED and Cholesteric Liquid Crystal Laser toward Multifunctional Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4750-4757.	8.0	116
9	Scale-up Chemical Synthesis of Thermally-activated Delayed Fluorescence Emitters Based on the Dibenzothiophene-S,S-Dioxide Core. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
10	Novel 4,8-benzobisthiazole copolymers and their field-effect transistor and photovoltaic applications. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11927-11936.	5.5	23
11	Solution-processable 2,1,3-benzothiadiazole containing compound based on the novel 1-dodecyl-6-dodecynaphthyridine-2-one unit for organic field-effect transistors. <i>Organic Electronics</i> , 2017, 49, 400-405.	2.6	3
12	Fluorene-containing tetraphenylethylene molecules as lasing materials. <i>Journal of Polymer Science Part A</i> , 2017, 55, 734-746.	2.3	8
13	Colour tuning in white hybrid inorganic/organic light-emitting diodes. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 405103.	2.8	15
14	Cool to warm white light emission from hybrid inorganic/organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11499-11507.	5.5	28
15	A single emitting layer white OLED based on exciplex interface emission. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3851-3856.	5.5	74
16	Nanoparticles of Cu ₂ ZnSnS ₄ as performance enhancing additives for organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5109-5115.	5.5	11
17	To bend or not to bend – are heteroatom interactions within conjugated molecules effective in dictating conformation and planarity?. <i>Materials Horizons</i> , 2016, 3, 333-339.	12.2	78
18	High brightness solution-processed OLEDs employing linear, small molecule emitters. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3774-3780.	5.5	40

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19	Polythiophene and oligothiophene systems modified by TTF electroactive units for organic electronics. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1749-1766.	2.2	27
20	The role of structural and electronic factors in shaping the ambipolar properties of donor-acceptor polymers of thiophene and benzothiadiazole. <i>RSC Advances</i> , 2015, 5, 77303-77315.	3.6	33
21	Synthesis and properties of novel star-shaped oligofluorene conjugated systems with BODIPY cores. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2704-2714.	2.2	8
22	Solution processable diketopyrrolopyrrole (DPP) cored small molecules with BODIPY end groups as novel donors for organic solar cells. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2683-2695.	2.2	23
23	Field-Effect Mobility, Morphology and Electroluminescence of a Semiconductor Based on a DPP-Quaterfluorene Quadrupolar Linear Conjugated System. <i>Israel Journal of Chemistry</i> , 2014, 54, 828-835.	2.3	2
24	Light-Emitting Diodes: An Organic Down-Converting Material for White-Light Emission from Hybrid LEDs (<i>Adv. Mater.</i> 43/2014). <i>Advanced Materials</i> , 2014, 26, 7415-7415.	21.0	3
25	An Organic Down-Converting Material for White-Light Emission from Hybrid LEDs. <i>Advanced Materials</i> , 2014, 26, 7290-7294.	21.0	111
26	Fused H-shaped tetrathiafulvalene-oligothiophenes as charge transport materials for OFETs and OPVs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2674-2683.	5.5	15
27	Poly([1,4]Dithiino[2,3- <i>c</i>]Furan): The Synthesis, Electrochemistry, and Optoelectronic Properties of a Furan-Containing Polymer. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1330-1334.	3.9	7
28	Linear oligofluorene-BODIPY structures for fluorescence applications. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2249.	5.5	20
29	Incorporation of perfluorohexyl-functionalised thiophenes into oligofluorene-truxenes: synthesis and physical properties. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1243-1251.	2.2	6
30	Electrochromic properties of a poly(dithienylfuran) derivative featuring a redox-active dithiin unit. <i>Polymer Chemistry</i> , 2012, 3, 2277.	3.9	14
31	Incorporation of fused tetrathiafulvalene units in a DPP-terthiophene copolymer for air stable solution processable organic field effect transistors. <i>Journal of Materials Chemistry</i> , 2012, 22, 11310.	6.7	41
32	BODIPY-based conjugated polymers for broadband light sensing and harvesting applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 14119.	6.7	54
33	Sexithiophenes as efficient luminescence quenchers of quantum dots. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1722-1731.	2.2	6
34	Reductions of Challenging Organic Substrates by a Nickel Complex of a Noninnocent Crown Carbene Ligand. <i>Journal of the American Chemical Society</i> , 2010, 132, 15462-15464.	13.7	63
35	Electron transfer activity of a cobalt crown carbene complex. <i>Tetrahedron</i> , 2009, 65, 10756-10761.	1.9	42
36	One-Carbon Extrusion from a Tetraazafulvalene. Isolation of Aldehydes and a Study of Their Origin. <i>Journal of the American Chemical Society</i> , 2009, 131, 6475-6479.	13.7	38

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37	Metal-Free Reductive Cleavage of C=O Bonds in Acylolig Derivatives by an Organic Neutral Super-Electron-Donor. <i>Journal of Organic Chemistry</i> , 2009, 74, 8713-8718.	3.2	67