

# Stefan Sax

## List of Publications by Year in descending order

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21  
papers

1,188  
citations

567281

15  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ladder-Type Pentaphenylenes and Their Polymers: Efficient Blue-Light Emitters and Electron-Accepting Materials via a Common Intermediate. <i>Journal of the American Chemical Society</i> , 2004, 126, 6987-6995.	13.7	228
2	Designed Suppression of Aggregation in Polypyrene: Toward High-Performance Blue-Light-Emitting Diodes. <i>Advanced Materials</i> , 2010, 22, 990-993.	21.0	138
3	Core, Shell, and Surface-Optimized Dendrimers for Blue Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2011, 133, 1301-1303.	13.7	111
4	A Fully Aryl-Substituted Poly(ladder-type pentaphenylene): A Remarkably Stable Blue-Light-Emitting Polymer. <i>Macromolecules</i> , 2005, 38, 9933-9938.	4.8	92
5	Efficient Blue-Light-Emitting Polymer Heterostructure Devices: The Fabrication of Multilayer Structures from Orthogonal Solvents. <i>Advanced Materials</i> , 2010, 22, 2087-2091.	21.0	92
6	Organic Non-Volatile Resistive Photo-Switches for Flexible Image Detector Arrays. <i>Advanced Materials</i> , 2015, 27, 1048-1052.	21.0	88
7	Bis(carbazolyl) derivatives of pyrene and tetrahydropyrene: synthesis, structures, optical properties, electrochemistry, and electroluminescence. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1638.	5.5	77
8	8-Quinolinolates as Ligands for Luminescent Cyclometalated Iridium Complexes. <i>Chemistry of Materials</i> , 2007, 19, 1209-1211.	6.7	58
9	Unravelling the Nature of Unipolar Resistance Switching in Organic Devices by Utilizing the Photovoltaic Effect. <i>Advanced Materials</i> , 2014, 26, 2508-2513.	21.0	53
10	Inkjet-printed embedded Ag-PEDOT:PSS electrodes with improved light out coupling effects for highly efficient ITO-free blue polymer light emitting diodes. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	48
11	Highly Efficient Color-Stable Deep-Blue Multilayer PLEDs: Preventing PEDOT:PSS-Induced Interface Degradation. <i>Advanced Materials</i> , 2013, 25, 4420-4424.	21.0	43
12	WPLEDs prepared from main-chain fluorene-iridium(iii) polymers. <i>Journal of Materials Chemistry</i> , 2006, 16, 4389-4392.	6.7	39
13	Organoiridium Quinolinolate Complexes: Synthesis, Structures, Thermal Stabilities and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4207-4215.	2.0	35
14	Deep blue polymer light emitting diodes based on easy to synthesize, non-aggregating polypyrene. <i>Optics Express</i> , 2011, 19, A1281.	3.4	23
15	Inkjet-Printed Resistive Switching Memory Based on Organic Dielectric Materials: From Single Elements to Array Technology. <i>Advanced Electronic Materials</i> , 2015, 1, 1400003.	5.1	19
16	Synthesis and Photophysical Properties of 3,6-Diphenyl-9-hexyl-9H-carbazole Derivatives Bearing Electron Withdrawing Groups. <i>Monatshefte für Chemie</i> , 2008, 139, 223-231.	1.8	13
17	Direct Sub-Micrometer Patterning of Conjugated Polymers and Polymer Light-Emitting Devices by Electron Beam Lithography. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1402-1407.	2.2	11
18	Resistive switching based on filaments in metal/PMMA/metal thin film devices. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 120301.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Red electrophosphorescent platinum(II) quinolinolate complexes. Monatshefte für Chemie, 2010, 141, 847-858.	1.8	7
20	Monolithically integrated organic resistive switches for luminance and emission color manipulation in polymer light emitting diodes. Applied Physics Letters, 2015, 107, .	3.3	4
21	All solution processed blue multi-layer light emitting diodes realized by thermal layer stabilization and orthogonal solvent processing. Proceedings of SPIE, 2013, , .	0.8	0