

Paul Kautny

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Alkylated indolo[3,2,1-jk]carbazoles as new building blocks for solution processable organic electronics. <i>Organic Electronics</i> , 2021, 96, 106215.	1.4	2
2	Thienopyrrolo[3,2,1-jk]carbazoles: Building Blocks for Functional Organic Materials. <i>Journal of Organic Chemistry</i> , 2020, 85, 3865-3871.	1.7	12
3	Azaindolo[3,2,1-jk]carbazoles: New Building Blocks for Functional Organic Materials. <i>Chemistry - A European Journal</i> , 2019, 25, 4412-4425.	1.7	14
4	The phase transitions of 4-aminopyridine-based indolocarbrazoles: twinning, local- and pseudo-symmetry. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 97-106.	0.5	3
5	A novel selenoalkenyl-isoxazole based donor-acceptor nonlinear optical material. <i>CrystEngComm</i> , 2018, 20, 12-16.	1.3	12
6	Spacer-Extended Bis-Ethyne Compounds: Scope, Limitations, and Properties. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4600-4613.	1.2	1
7	Controlling excimer formation in indolo[3,2,1-jk]carbazole/9H-carbazole based host materials for RGB PhOLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9914-9924.	2.7	18
8	Thieno[3,4-c]pyrrole-4,6-dione as novel building block for host materials for red PhOLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1997-2004.	2.7	10
9	Functional organic click-materials: application in phosphorescent organic light emitting diodes. <i>RSC Advances</i> , 2017, 7, 12150-12160.	1.7	9
10	OD- and non-OD-polytypism of 9-(3-chloropyridin-4-yl)-9H-carbazole. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, 375-384.	0.4	2
11	Using Dicyanoanthracene Triflates as Superior Precursors: Modifying Properties by Sterically Hindered Aryl Substituents. <i>ChemPhotoChem</i> , 2017, 1, 51-55.	1.5	9
12	Thiophene ring-fragmentation reactions: Principles and scale-up towards NLO materials. <i>Tetrahedron</i> , 2017, 73, 472-480.	1.0	13
13	Ethyne-Linked Push-Pull Chromophores: Implications of Crystal Structure and Molecular Electronics on the Quadric Nonlinear Activity. <i>Crystal Growth and Design</i> , 2017, 17, 4124-4136.	1.4	5
14	Charge-transfer states in triazole linked donor-acceptor materials: strong effects of chemical modification and solvation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18055-18067.	1.3	19
15	An unusual case of OD-allotwinning: 9,9 ² -(2,5-dibromo-1,4-phenylene)bis[9H-carbazole]. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 65-73.	0.5	7
16	Indolo[3,2,1-jk]carbazole based planarized CBP derivatives as host materials for PhOLEDs with low efficiency roll-off. <i>Organic Electronics</i> , 2016, 34, 237-245.	1.4	40
17	Crystal chemistry of trialkylsilyl-capped (3Z)-4-(methylthio)-3-penten-1-yne: polymorphism, twinning and ambiguity of order-disorder descriptions. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 753-762.	0.5	2
18	Structure-Property Relationships in Click-Derived Donor-Triazole-Acceptor Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 18887-18898.	1.7	22

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19	Analysis of short-range phenomena in novel materials using the PDF method. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s427-s427.	0.0	0
20	Analysis of short-range phenomena in two novel materials using the PDF method. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s390-s390.	0.0	0
21	Controlling singlet-triplet splitting in carbazole-oxadiazole based bipolar phosphorescent host materials. Organic Electronics, 2015, 17, 216-228.	1.4	14
22	Structure-property studies of P-triarylamine-substituted dithieno[3,2-b:2',3'-d]phospholes. RSC Advances, 2015, 5, 93797-93807.	1.7	11
23	Crystal chemistry of layered structures formed by linear rigid silyl-capped molecules. IUCr, 2015, 2, 584-600.	1.0	7
24	The pseudo-inversion symmetry of 9,9'-di(1,3,4-oxadiazole-2,5-diyl)di(1,1'-biphenyl)-2,2',4,4'-tetraene. Materials, 2014, 229, 378-384.	0.4	1
25	9-(4-Bromophenyl)-9H-carbazole. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o330-o331.	0.2	2
26	Isotypic crystal structures of 2,6-dibromo-N,N-bis(4-nitrophenyl)aniline and 2,6-dichloro-N,N-bis(4-nitrophenyl)aniline. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 65-67.	0.2	1
27	1-Nitro-9H-carbazole. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o28-o28.	0.2	2
28	Oxadiazole based bipolar host materials employing planarized triarylamine donors for RGB PHOLEDs with low efficiency roll-off. Journal of Materials Chemistry C, 2014, 2, 2069-2081.	2.7	43
29	Layered molecular structures: the crystal chemistry of the twin interface. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, s79-s79.	0.3	0
30	Solvatomorphism of 9,9'-[1,3,4-thiadiazole-2,5-diylbis(2,3-thiophendiy-4,1-phenylene)]bis[9H-carbazole]: isostructurality, modularity and order-disorder theory. Acta Crystallographica Section B: Structural Science, 2012, 68, 667-676.	1.8	11