Phattananawee Nalaoh

List of Publications by Year
in descending order

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19	256	1163117	940533
papers	citations	8	16
		h-index	g-index

19	19	19	227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improvement of Dâ€“Ï€â€“A organic dye-based dye-sensitized solar cell performance by simple triphenylamine donor substitutions on the Ï€-linker of the dye. Materials Chemistry Frontiers, 2017, 1, 1059-1072.	5.9	40
2	A Dimeric Ï€â€Stacking of Anthracene Inducing Efficiency Enhancement in Solidâ€State Fluorescence and Nonâ€Doped Deepâ€Blue Tripletâ€“Triplet Annihilation Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2021, 9, 2100500.	7.3	38
3	Imidazole-based solid-state fluorophores with combined ESIPT and AIE features as self-absorption-free non-doped emitters for electroluminescent devices. Dyes and Pigments, 2021, 193, 109488.	3.7	38
4	Intramolecular hydrogen bond â€“ enhanced electroluminescence performance of hybridized local and charge transfer (HLCT) excited-state blue-emissive materials. Journal of Materials Chemistry C, 2021, 9, 497-507.	5.5	24
5	Rational design of anthracene-based deep-blue emissive materials for highly efficient deep-blue organic light-emitting diodes with CIEy â‰ 0.05. Dyes and Pigments, 2021, 184, 108874.	3.7	18
6	Twisted Phenanthro[9,10â€d]imidazole Derivatives as Nonâ€doped Emitters for Efficient Electroluminescent Devices with Ultraâ€Deep Blue Emission and High Exciton Utilization Efficiency. Chemistry - an Asian Journal, 2021, 16, 2328-2337.	3.3	16
7	Effect of thiophene/furan substitution on organic field effect transistor properties of arylthiadiazole based organic semiconductors. Journal of Materials Chemistry C, 2020, 8, 17297-17306.	5.5	13
8	Unique dual fluorescence emission in the solid state from a small molecule based on phenanthrocarbazole with an AIE luminogen as a single-molecule white-light emissive material. Materials Chemistry Frontiers, 2021, 5, 2361-2372.	5.9	11
9	Synthesis, Characterization, and Physical Properties of Pyreneâ€Naphthalimide Derivatives as Emissive Materials for Electroluminescent Devices. European Journal of Organic Chemistry, 2021, 2021, 2402-2410.	2.4	8
10	Rational Design of Chryseneâ€Based Hybridized Local and Chargeâ€Transfer Molecules as Efficient Nonâ€Doped Deepâ€Blue Emitters for Simple Structured Electroluminescent Devices. Chemistry - an Asian Journal, 2021, , .	3.3	8
11	Solidâ€State Fluorophores with Combined Excitedâ€State Intramolecular Proton Transferâ€Aggregationâ€Induced Emission as Efficient Emitters for Electroluminescent Devices. Advanced Photonics Research, 2022, 3, .	3.6	8
12	Deep-blue high-efficiency tripletâ€“triplet annihilation organic light-emitting diodes using hydroxyl-substituted tetraphenylimidazole-functionalized anthracene fluorescent emitters. Journal of Materials Chemistry C, 2022, 10, 9968-9979.	5.5	8
13	Self-absorption-free excited-state intramolecular proton transfer (ESIPT) emitters for high brightness and luminous efficiency organic fluorescent electroluminescent devices. Materials Chemistry Frontiers, 2021, 5, 6212-6225.	5.9	7
14	Chrysene and triphenylene based-fluorophores as non-doped deep blue emitters for triplet-triplet annihilation organic light-emitting diodes. Journal of Luminescence, 2022, 248, 118926.	3.1	6
15	Synthesis of bacteriochlorins bearing diverse Î²-substituents. New Journal of Chemistry, 2022, 46, 5534-5555.	2.8	5
16	Hydroxyâ€Tetraphenylimidazole Derivatives as Efficient Blue Emissive Materials for Electroluminescent Devices. Chemistry - an Asian Journal, 2022, 17, .	3.3	3
17	Separation of Etiracetam Enantiomers Using Enantiospecific Cocrystallization with 2-Chloromandelic Acid. ACS Omega, 0, , .	3.5	3
18	Fourfold alkyl wrapping of a copper(II) porphyrin thwarts macrocycle Ï€â€“Ï€ stacking in a compact supramolecular package. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 647-654.	0.5	2

#	Article	IF	Citations
19	A simple strategy to enhance the sensitivity of fluorescent sensor-based CdS quantum dots by using a surfactant for Hg2+ detection. Analytical Methods, 2021, 13, 4069-4078.	2.7	0