Puttavva Meti

List of Publications by Year
in descending order

20 papers	211 citations	1040056 9 h-index	1058476 14 g-index
20 all docs	20 docs citations	20 times ranked	178 citing authors

#	Article	IF	Citations
1	Sorbitol cross-linked silica aerogels with improved textural and mechanical properties. Ceramics International, 2022, 48, 19198-19205.	4.8	4
2	Luminescent solar concentrator based on large-Stokes shift tetraphenylpyrazine fluorophore combining aggregation-induced emission and intramolecular charge transfer features. Dyes and Pigments, 2022, 202, 110221.	3.7	9
3	Unveiling the structure-property relationship of X-shaped pyrazine-based D-A type luminophores with tunable aggregation-induced emission. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113908.	3.9	2
4	Facile synthesis of phenothiazine-pyrazine-based donor-acceptor-donor regioisomers: Influence of molecular geometry on aggregation-induced emission. Dyes and Pigments, 2022, 204, 110402.	3.7	1
5	Highly efficient indoor/outdoor light harvesting luminescent solar concentrator employing aggregation-induced emissive fluorophore. Dyes and Pigments, 2022, 205, 110563.	3.7	6
6	Effect of conjugation on the optoelectronic properties of pyrazine-based push-pull chromophores: Aggregation-induced emission, solvatochromism, and acidochromism. Dyes and Pigments, 2021, 190, 109320.	3.7	16
7	Aggregation induced emission properties of cruciform-type conjugated pyrazine molecules with four pendent donor groups. Dyes and Pigments, 2021, 192, 109419.	3.7	8
8	Dioxybenzene-bridged hydrophobic silica aerogels with enhanced textural and mechanical properties. Microporous and Mesoporous Materials, 2020, 294, 109863.	4.4	21
9	Recent developments in pyrazine functionalized Ï€-conjugated materials for optoelectronic applications. Journal of Materials Chemistry C, 2020, 8, 352-379.	5.5	33
10	Pyrrolopyrazine-based triads decorated with donor-acceptor groups: pH and polarity induced visible color switching sensors. Dyes and Pigments, 2020, 181, 108532.	3.7	5
11	Diarylpyrazine-based position isomers: A detailed study of optical properties and structure-property relationship. Dyes and Pigments, 2020, 176, 108254.	3.7	7
12	Synthesis of multi-functional porous superhydrophobic trioxybenzene cross-linked silica aerogels with improved textural properties. Ceramics International, 2020, 46, 17969-17977.	4.8	5
13	Synthesis of dipyrrolopyrazine-based sensitizers with a new Ï€-bridge end-capped donorâ€“acceptor framework for DSSCs: a combined experimental and theoretical investigation. New Journal of Chemistry, 2019, 43, 3017-3025.	2.8	13
14	Structure property relationship of linear and angular pyrazine-based structural isomers with terminal D-A groups and evaluation of their photophysical properties. Dyes and Pigments, 2019, 168, 357-368.	3.7	13
15	Synthesis, characterization and optoelectronic properties of pyrrolopyrazine based Y-shaped color-tunable dipolar molecules. Dyes and Pigments, 2019, 161, 470-481.	3.7	8
16	Structure property relationships of tunable donor-acceptor functionalized dipyrrolopyrazine derivative as selective reversible acid base sensor. Dyes and Pigments, 2018, 156, 233-242.	3.7	13
17	Unveiling the photophysical and morphological properties of an acidochromic thiophene flanked dipyrrolopyrazine-based chromophore for optoelectronic application. RSC Advances, 2018, 8, 2004-2014.	3.6	11
18	Regioselective synthesis of dipyrrolopyrazine (DPP) derivatives via metal free and metal catalyzed amination and investigation of their optical and thermal properties. RSC Advances, 2017, 7, 18120-18131.	3.6	18

#	Article	IF	Citations
19	Self-assembled organic microfibers and nanofibers of 2,6-diphenyl dihydrodipyrrolopyrazine (DP-DPP) derivatives for optoelectronic applications. Tetrahedron, 2017, 73, 5268-5279.	1.9	11
20	2,6-Di(thiophenyl)-1,5-dihydrodipyrrolopyrazine (DT-DPP) structural isomers as donorâ€“acceptorâ€“donor molecules and their optoelectronic investigation. RSC Advances, 2017, 7, 39228-39236.	3.6	7