

# Puttavva Meti

## List of Publications by Year in descending order

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20  
papers

211  
citations

1040056

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1058476

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docs citations

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times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in pyrazine functionalized $\pi$ -conjugated materials for optoelectronic applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 352-379.	5.5	33
2	Dioxybenzene-bridged hydrophobic silica aerogels with enhanced textural and mechanical properties. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109863.	4.4	21
3	Regioselective synthesis of dipyrrolopyrazine (DPP) derivatives via metal free and metal catalyzed amination and investigation of their optical and thermal properties. <i>RSC Advances</i> , 2017, 7, 18120-18131.	3.6	18
4	Effect of conjugation on the optoelectronic properties of pyrazine-based push-pull chromophores: Aggregation-induced emission, solvatochromism, and acidochromism. <i>Dyes and Pigments</i> , 2021, 190, 109320.	3.7	16
5	Structure property relationships of tunable donor-acceptor functionalized dipyrrolopyrazine derivative as selective reversible acid base sensor. <i>Dyes and Pigments</i> , 2018, 156, 233-242.	3.7	13
6	Synthesis of dipyrrolopyrazine-based sensitizers with a new $\pi$ -bridge end-capped donor-acceptor framework for DSSCs: a combined experimental and theoretical investigation. <i>New Journal of Chemistry</i> , 2019, 43, 3017-3025.	2.8	13
7	Structure property relationship of linear and angular pyrazine-based structural isomers with terminal D-A groups and evaluation of their photophysical properties. <i>Dyes and Pigments</i> , 2019, 168, 357-368.	3.7	13
8	Self-assembled organic microfibers and nanofibers of 2,6-diphenyl dihydrodipyrrolopyrazine (DP-DPP) derivatives for optoelectronic applications. <i>Tetrahedron</i> , 2017, 73, 5268-5279.	1.9	11
9	Unveiling the photophysical and morphological properties of an acidochromic thiophene flanked dipyrrolopyrazine-based chromophore for optoelectronic application. <i>RSC Advances</i> , 2018, 8, 2004-2014.	3.6	11
10	Luminescent solar concentrator based on large-Stokes shift tetraphenylpyrazine fluorophore combining aggregation-induced emission and intramolecular charge transfer features. <i>Dyes and Pigments</i> , 2022, 202, 110221.	3.7	9
11	Synthesis, characterization and optoelectronic properties of pyrrolopyrazine based Y-shaped color-tunable dipolar molecules. <i>Dyes and Pigments</i> , 2019, 161, 470-481.	3.7	8
12	Aggregation induced emission properties of cruciform-type conjugated pyrazine molecules with four pendent donor groups. <i>Dyes and Pigments</i> , 2021, 192, 109419.	3.7	8
13	2,6-Di(thiophenyl)-1,5-dihydrodipyrrolopyrazine (DT-DPP) structural isomers as donor-acceptor donor molecules and their optoelectronic investigation. <i>RSC Advances</i> , 2017, 7, 39228-39236.	3.6	7
14	Diarylpyrazine-based position isomers: A detailed study of optical properties and structure-property relationship. <i>Dyes and Pigments</i> , 2020, 176, 108254.	3.7	7
15	Highly efficient indoor/outdoor light harvesting luminescent solar concentrator employing aggregation-induced emissive fluorophore. <i>Dyes and Pigments</i> , 2022, 205, 110563.	3.7	6
16	Pyrrolopyrazine-based triads decorated with donor-acceptor groups: pH and polarity induced visible color switching sensors. <i>Dyes and Pigments</i> , 2020, 181, 108532.	3.7	5
17	Synthesis of multi-functional porous superhydrophobic trioxybenzene cross-linked silica aerogels with improved textural properties. <i>Ceramics International</i> , 2020, 46, 17969-17977.	4.8	5
18	Sorbitol cross-linked silica aerogels with improved textural and mechanical properties. <i>Ceramics International</i> , 2022, 48, 19198-19205.	4.8	4

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19	Unveiling the structure-property relationship of X-shaped pyrazine-based D-A type luminophores with tunable aggregation-induced emission. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 429, 113908.	3.9	2
20	Facile synthesis of phenothiazine-pyrazine-based donor-acceptor-donor regioisomers: Influence of molecular geometry on aggregation-induced emission. <i>Dyes and Pigments</i> , 2022, 204, 110402.	3.7	1