



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)
/ Publications of IISER Mohali (/jspui/handle/123456789/4)
/ Research Articles (/jspui/handle/123456789/9)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/4763>

Title:	Confinement-driven Ultrafast Singlet Fission Dynamics in TIPS-pentacene
Authors:	Silori, Yogita (/jspui/browse?type=author&value=Silori%2C+Yogita) Yadav, Anita (/jspui/browse?type=author&value=Yadav%2C+Anita) Chawla, Sakshi (/jspui/browse?type=author&value=Chawla%2C+Sakshi) De, Arijit K. (/jspui/browse?type=author&value=De%2C+Arijit+K.)
Keywords:	TIPS-pentacene Ultrafast Singlet Fission
Issue Date:	2022
Publisher:	Optica Publishing Group
Citation:	Optics InfoBase Conference Papers, Th4A.7
Abstract:	The effect of micellar nanocavities on ultrafast singlet fission dynamics of TIPS-pentacene is explored. It is shown how short- and long-range interactions among chromophores affect the efficiency of singlet fission, thereby the yield of triplets.
Description:	Only IISERM authors are available in the record
URI:	https://doi.org/10.1364/UP.2022.Th4A.7 (https://doi.org/10.1364/UP.2022.Th4A.7) http://hdl.handle.net/123456789/4763 (http://hdl.handle.net/123456789/4763)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files in This Item:

File	Description	Size	Format
Need To Add...Full Text_PDF. (/jspui/bitstream/123456789/4763/1/Need%20To%20Add%e2%80%a6Full%20Text_PDF.)		15.36 kB	Unknown

[View/Open \(/jspui/](#)

[Show full item record \(/jspui/handle/123456789/4763?mode=full\)](#)

[📊 \(/jspui/handle/123456789/4763/statistics\)](#)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.