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C rric I m Vi ae

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Personal Details

N : F NG M K ,R (冯敏强)
 N : C H K
 E : _____@_____
 P P : P , M I M
 E ,M

Education

1999 2003 **Ph.D. in Materials Science**
 C H K ,H K
 A :P . - L

1997 1999 **M.Phil. in Materials Science**
 C H K ,H K
 A :P . - L

1994 1997 **B.Sc. in Materials Technology (1 Class Honor)**
 C H K ,H K

Professional Experience

1/2021 **Professor**
 M I M E , M

1/2014 12/2020 **Professor**
 I F N & M (F N OM), & C
 N & , ,C

7/2003 12/2013 **Senior Research Fellow (8/2009 12/2013)**
Research Fellow (7/2004 7/2009)
Senior Research Assis an (7/2003 6/2004)
 CO DAF & D P & M , C
 H K

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Research Interests

O L -E D (OLED) D L ; F OLED
 F E

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Research Experience and Accomplishments:

Postdoctoral Fellow, 2015 - Present, PMOLED - OLED, OLED, OLED, LED,

Postdoctoral Fellow, 2012 - Present, CI 3, 4000 H- 35 () / 38 (G). F 50 (29). D 20 2017, P.F. O.C.I.C.D (2017-2020) C.M.I.D (B.C.). B., P.F. PI - 20 . M :

- 1. K.M. H-E L-A OLED L M OLED P L, (MO) C, 7/2016 6/2020, 30 M RMB (-PI, 7.5 M RMB).
- 2. OLED L, PI, N N F C, 1/2015 12/2018, 820K RMB.
- 3. I.E.D H E E - O L E M, PI, N N F C, 1/2019 12/2022, 620K RMB.
- 4. M OLED D R/AR A, J P, 6/2018 9/2021, 5.99 M RMB (-PI - H B - OLED D, 1.99 M RMB).

Selected Publications (2016-2020):

Peroxide LEDs and Photo-catalysis:

1. Q. L., L., Q., L., J., L. L., M.K. F ng*, I., J. Mater. Chem. C, 2019, DOI: 10.1039/C806490 .

2. Q., C.H., Q. L., L., J., L. L., M.K. F ng*, I., J. Mater. Chem. C, 2019, 7, 2905-2910.

3. D. L., L., J., Q.M. H, G., D., J., C.C. H, J., M.K. F ng*, I., F4- CNQ PEDO :P, J. Mater. Chem. A, 2017, 5, 5701-5708.

OLED Devices:

4. C.C. H, J., J.G., Q., L., H, J.N., B., M.K. F ng*, H OLED L L 150 L

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M.K. F ng*, H -
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Materials Chemistry C*, 8, 10431-10437, 2020.
- 6 .L , .C , .Q. , .J. , . . , L. .L , M.K. F ng*,
M E H -E H O L -E
D N -D B E L , *Molecules*, 24, 4046, 2019.
- 7 J.G. .C.H , .K.C , . .M , C.C.H , .D. , M.K. F ng*,
N -
OLED, *J. Mater. Chem. C* 2019, 7, 3958-3964.
- 8 . .M , .C.H , . . , .H.L , .L , .D , M.K. F ng*, D
-
 , *Org. Electronics*, 2019, 68, 236-241.
- 9 J.G. , .C.H , C.C.H , Q. , M.K. F ng*, I
-
 , *Org. Electronics* 2019, 69, 348-353.
- 10 . , . . , C.C.H , J.G. , M.K. F ng H.M * , H
-
 , *J. Lumin* 2019, 206, 554-559.
- 11 C.C.H , M.M. , F.P. , . , L. .L * M.K. F ng*, D -
B H - O L E D B
C -B 2,3- P F E , *Molecules* 2019, DOI:
10.3390/ 24020353.
- 12 .M. , Q. , . , L. .C , F.L , . . , M.K. F ng*, L. .
L * ,
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 , *Org. Electronics* 2018, 55, 1-5.
- 13 .H.L , .F. , .K. , J.J.L , Q. , C.C.H , J.C. , L. .L
M.K. F ng*, M
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 , *J. Mater. Chem. C*. 2018, 6, 342-349.
- 14 .L , G.J.L , .H.L , . .M , J.F M.K. F ng*, OLED
L E G , *Phys. Status. Solidi. A* 2018, 215, 1800102-
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- 15 . * , J.G. , M.K. F ng H.M * ,
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- 16 .F. , .H.L , .K. , C.C.H , Q. , J.J.L , L. .L , M.K.
F ng*, O LED L E E 100 -1
L O -C E , *Adv. Funct. Mater.*, 2017, 27,
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- 17 .H.L , .L , R.B. , . .M , .D , M.K. F ng*, C -D
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OLED , *J. Mater. Chem. C*. 2017, 5, 11751-11757.
- 18 C.C.H , .M. , .F. , .H.L , J.J.L , M.K. F ng*,
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OLED
 , *Phys. Status. Solidi. A* 2017, 214, 1700240-1700245.
- 19 . , J.G. , C.C.H , L. , M.K. F ng, I.M , H.M * , L. .
L * , H O L -E D I

- G P E N I E H
E , *ACS Appl. Mater. & Inter.* 2017, 9, 10855-10962.
- 20 Q. , L. . C , .M. , J.J. L , .Q. J , L. . L * , **M.K. F ng***,
A - , *Org. Electronics* 2017, 48, 112-117.
- 21 **M.K. F ng***, .Q. L , L. . L * , O L -E D , *Adv. Mater.* 2016, 28, 10381-10408.
- 22 .F. , .H. L , Q. , C.C. H , **M.K. F ng***, H E
O L -E D E L -F
, *Sci. Rep-UK.* 2016, 6.
- 23 H - , F - , -Q L , -C C , , J -
* , **Man-Ke ng F ng***, C - L * - N * , C
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OLED Materials:

- 24 A. K , . ; .K , . , .J. , .L , .Q. J , **M.K. F ng***, L. . L , - H M R RGB
P OLED , *Journal of Materials Chemistry C*, 8, 12470, 2020.
- 25 .N. L , K.N. , . , J.F. C , **M.K. F ng***, J. F * , E
I () - , *Journal of Materials Chemistry C*, 8, 6168,
2020.
- 26 .K. , C.C. H , H. , C. , A. K , . , **M.K. F ng***,
.Q. J * , C. A * , L. . L , C E
B A D F (ADF) E
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Organic Electronics, 105783, 2020.
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O P E R P O L E
D , *ChemPlusChem*, 84, 1587-1595, 2019.
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A K , -Q J * , **Man-Ke ng F ng***, L - L * ,
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D :
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-
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E D A D F : E
OLED C P E , *Angew. Chem. Int. Edit.*
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- 38 D. L. , C.C. H , . . L , B. , L. D , **M.K. F ng*** J. F *,
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J * L. .L , D-A-A
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M.K. F ng*, L. . F *, B - - (III)
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A , .Q. J *, L. . L , - -
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L. .L , - A D F H
100% E H R P E
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 P CN B A H -P N -I O
 L -E D , *Adv. Opt. Mater.* 2017, 5, 1700566.
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