

COPYRIGHT PERMISSION PROCEDURE

BUT IEEE SOME OPTION FREE AND SOME NOT FREE COPYRIGHT PERMISSION

Bi-path network coupling for single image super-resolution - Springer

<https://link.springer.com/article/10.1007/s11042-019-7511-x>

Apr 5, 2019 - **Single-image super-resolution** Deep convolutional **neural networks** ... successfully applied on SISR and have achieved **state-of-the-art** results. ... The authors accelerated the model by **using** smaller filters which ... In [4], they proposed **dual** path networks (DPN) for pattern recognition in ImageNet challenge.



Search

Menu

[Multimedia Tools and Applications](#)

pp 1–18 | [Cite as](#)

Download PDF

Bi-path network coupling for single image super-resolution

Authors

[Authors and affiliations](#)

Yalin Yang, Qiegen Liu, Minghui Zhang, Yuhao Wang

About this article

GO DOWN AT THE END OF ARTICLE



Check for updates

Cite this article as:

Yang, Y., Liu, Q., Zhang, M. et al. Multimed Tools Appl (2019). <https://doi.org/10.1007/s11042-019-7511-x>

Received

01 July 2018

Revised

29 January 2019

Accepted

18 March 2019

First Online

05 April 2019

DOI

<https://doi.org/10.1007/s11042-019-7511-x>

Publisher Name

Springer US

Print ISSN

1380-7501

Online ISSN

1573-7721

[About this journal](#)

[Reprints and Permissions](#)

SPRINGER NATURE

Welcome to RightsLink

Springer Nature has part
for reusing this content.

I would like to... ?

make a selection
reuse in a medical communications project
reuse in a book/textbook
reuse in a journal/magazine
reuse an image as a book/journal cover
reuse in a Springer Nature imprint
reuse in newsmedia
reuse in a dissertation/thesis
reuse in a coursepack/classroom materials
make photocopies
reuse in conference proceedings
reuse in a presentation/slide kit/poster
reuse in training materials/CME materials
reuse in promotional materials/pamphlet/brochure
post on a website
reuse in an annual report
reuse a Springer Nature journal cover
I don't see my intended use

make a selection ▼

logged in as:

LOGOUT

vice to offer a variety of options

To request permission for a type of use not listed, please contact [Springer Nature](#)

Adaptations/modifications - Springer Nature allows adaptation of figures for style and formatting purposes under this license under the condition that this does not alter the meaning of the content.

Please select requestor type "publisher" and not "academic/university or research institute" when you are reusing content in another publication.

I would like to... ?

reuse in a journal/magazine ▼

I am a/affiliated... ?

academic/university or research institute ▼

My format is... ?

print and electronic ▼

I would like to use... ?

figures/tables/illustrations ▼

Number of
figures/tables ?

2

Circulation/distribution ?

<501 ▼

Are you the author of
this Springer Nature
content? ?

no ▼

I will be translating... ?

no ▼

My currency is...

USD - \$ ▼

Quick Price

Click Quick Price

QUICK PRICE

CONTINUE

This service provides permission for reuse only. If you do not have a copy of the article you are using, you may copy and paste the content and reuse according to the terms of your agreement. Please be advised that obtaining the content you license is a separate transaction not involving RightsLink.



RightsLink®

Home

Account
Info

Help



SPRINGER NATURE

Title: Bi-path network coupling for single image super-resolution
Author: Yalin Yang, Qiegen Liu, Minghui Zhang et al
Publication: Multimedia Tools and Applications
Publisher: Springer Nature
Date: Jan 1, 2019
Copyright © 2019, Springer Science Business Media, LLC, part of Springer Nature

Logged in as:

LOGOUT

About Your Works

Please select from the works you are currently working on and click 'Continue'.

Title	Publisher/Producer/Sponsor	Date
●		Oct 2019 Edit
<div>BACK NEW WORK CONTINUE</div>		



RightsLink®

Home

Account
Info

Help



SPRINGER NATURE

Title: Bi-path network coupling for single image super-resolution
Author: Yalin Yang, Qiegen Liu, Minghui Zhang et al
Publication: Multimedia Tools and Applications
Publisher: Springer Nature
Date: Jan 1, 2019
Copyright © 2019, Springer Science Business Media, LLC, part of Springer Nature

About Your Works

Please select from the works you are currently working on and click 'Continue'.

Title	Publisher/Producer/Sponsor	Date
● Multiscale-Inception based super resolution using deep learning approach	Not listed below	Oct 2019 Edit
<div>BACK NEW WORK CONTINUE</div>		

About Your Work

Please enter, completely and accurately, the following information regarding your work.

Please note that changes to your work will not be automatically applied to any previously obtained licenses related to this work. For help cancelling and resubmitting an order contact Customer Service at customercare@copyright.com.

**required field*

Title of new article*

Put your paper name

Lead author*

authors name

Title of targeted journal*

name of journal

Publisher*

Name of Publisher

Publisher imprint

leave as a blank

Expected publication date*

expected date you want to publish your work

BACK

CONTINUE



RightsLink®

Home

Account Info

Help



SPRINGER NATURE

Title: Bi-path network coupling for single image super-resolution
Author: Yalin Yang, Qiegen Liu, Minghui Zhang et al
Publication: Multimedia Tools and Applications
Publisher: Springer Nature
Date: Jan 1, 2019
Copyright © 2019, Springer Science Business Media, LLC, part of Springer Nature

About Your Works

Please select from the works you are currently working on and click 'Continue'.

Title	Publisher/Producer/Sponsor	Date
© here show title name	publisher name	date
<div>BACKNEW WORKCONTINUE</div>		

[Edit](#)

SPRINGER NATURE

Title: Bi-path network coupling for single image super-resolution
Author: Yalin Yang, Qiegen Liu, Minghui Zhang et al
Publication: Multimedia Tools and Applications
Publisher: Springer Nature
Date: Jan 1, 2019
Copyright © 2019, Springer Science Business Media, LLC, part of Springer Nature

Additional Information

**required field*

Order reference number

Portions: (Describe the figures/tables/illustrations to be used with identifiers from the original content, e.g. Figures 1.2, Table 7, Image on page 2, etc.)*

Figure 1, Table 2

BACK

CONTINUE

Review Order

Please review the order details and the associated [terms and conditions](#).

No royalties will be charged for this reuse request although you are required to comply with the license terms and conditions. To obtain the license, click the Accept button.

Licensed Content Publisher	Springer Nature
Licensed Content Publication	Multimedia Tools and Applications
Licensed Content Title	Bi-path network coupling for single image super-resolution
Licensed Content Author	Yalin Yang, Qiegen Liu, Minghui Zhang et al
Licensed Content Date	Jan 1, 2019
Type of Use	Journal/Magazine
Requestor type	academic/university or research institute
Format	print and electronic

Total 0.00 USD

[Edit Order Details](#)

[Edit Your Work Details](#)

[Edit Requestor Location](#) This location may be used to determine your tax liability.

☒ I agree to these [terms and conditions](#).

☒ I understand this license is for reuse only and that no content is provided.

leave blank

Customer Code (if supplied)

APPLY

BACK

DECLINE

ACCEPT

Please click accept only once.

Copyright © 2019 Copyright Clearance Center, Inc. All Rights Reserved. [Privacy statement](#). [Terms and Conditions](#).
Comments? We would like to hear from you. Email us at customerservice@copyright.com

SPRINGER NATURE

Title: Bi-path network coupling for
single image super-resolution
Author: Yalin Yang, Qiegen Liu, Minghui
Zhang et al
Publication: Multimedia Tools and
Applications
Publisher: Springer Nature
Date: Jan 1, 2019
Copyright © 2019, Springer Science Business Media,
LLC, part of Springer Nature

THIS IS YOUR
PERMISSION
RECEIVED
ALSO CHECK
EMAIL

Order Completed

Thank you for your order.

This Agreement between Mr. Wazir Muhammad ("You") and Springer Nature ("Springer Nature") consists of your license details and the terms and conditions provided by Springer Nature and Copyright Clearance Center.

Your confirmation email will contain your order number for future reference.

[Printable details](#)

License Number	4640210486744
License date	Aug 01, 2019
License Contact	Springer Nature

no-reply@copyright.com

to me

7:25 PM (0 minutes ago)



SPRINGER NATURE

[open email](#)

Thank you for your order!

Type of Use: Journal/Magazine
Order Total: 0.00 USD

ENG

View or print complete [details](#) of your order and the publisher's terms and conditions.

Applications

**SPRINGER NATURE LICENSE
TERMS AND CONDITIONS**

Aug 01, 2019

This Agreement between Mr. ("You") and Springer Nature ("Springer Nature") consists of your license details and the terms and conditions provided by Springer Nature and Copyright Clearance Center.

License Number	4640210486744
License date	Aug 01, 2019
Licensed Content Publisher	Springer Nature
Licensed Content Publication	Multimedia Tools and Applications
Licensed Content Title	Bi-path network coupling for single image super-resolution
Licensed Content Author	Yalin Yang, Qiegen Liu, Minghui Zhang et al
Licensed Content Date	Jan 1, 2019
Type of Use	Journal/Magazine
Requestor type	academic/university or research institute
Format	print and electronic

Night Image Enhancement Using Selective Filters

Publisher: IEEE

3 Author(s)

Maleerat Sodanil ; Siranee Nuchitprasitchai ; Chalermpong Intarat [View All Authors](#)

256
Full
Text Views



Abstract

Abstract