

Scopus

## Author details

[Return to search results](#) 1 of 44 [Next](#) >[Print](#) [Em](#)

Choi, Yang-Kyu

[Follow this Author](#)[h-index: 48](#)[View h-graph](#)

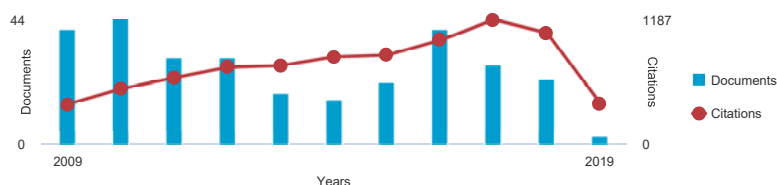
Korea Advanced Institute of Science & Technology,  
Yusong, South Korea  
Author ID: 7404777532 [i](#)

[View potential author matches](#)Other name formats: [Choi, Yang Kyu](#) [Choi, Y. K.](#)

Subject area:

[Engineering](#) [Materials Science](#) [Physics and Astronomy](#) [Chemistry](#) [Chemical Engineering](#)  
[Energy](#) [Biochemistry, Genetics and Molecular Biology](#) [Computer Science](#) [Multidisciplinary](#)  
[Medicine](#) [Environmental Science](#) [Pharmacology, Toxicology and Pharmaceuticals](#)

Document and citation trends:



Documents by author

396

[Analyze author output](#)

Total citations

9765 by 7393 documents

[View citation overview](#)
[Get citation alerts](#) [Add to ORCID](#) [Edit author profile](#) [Export profile to SciVal](#)
[396 Documents](#) [Cited by 7393 documents](#) [451 co-authors](#) [Author history](#)
[View them in search results format](#) >Sort on: [Date \(newest\)](#)
[Export all](#) [Add all to list](#) [Set document alert](#) [Set document feed](#)


Document title	Authors	Year	Source	Cited by
Si-MoS <sub>2</sub> vertical heterojunction for a photodetector with high responsivity and low noise equivalent power	Shin, G.H., Park, J., Lee, K.J., (...), Yu, K., Choi, S.-Y.	2019	ACS Applied Materials and Interfaces 11(7), pp. 7626-7634	0
View abstract <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Power reduction for recovery of a FinFET by electrothermal annealing	Han, J.-K., Park, J.-Y., Choi, Y.-K.	2019	Solid-State Electronics 151, pp. 6-10	0
View abstract <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Self-sustainable wind speed sensor system with omni-directional wind based triboelectric generator	Park, S.-J., Lee, S., Seol, M.-L., (...), Cho, G.-H., Choi, Y.-K.	2019	Nano Energy 55, pp. 115-122	0
View abstract <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
On-Chip Curing by Microwave for Long Term Usage of Electronic Devices in Harsh Environments Open Access	Park, J.-Y., Kim, W.-G., Bae, H., (...), Tcho, I.-W., Choi, Y.-K.	2018	Scientific Reports 8(1),14953	0
View abstract <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
A frequency reconfigurable dipole antenna with solid-state plasma in silicon Open Access	Kim, D.-J., Jo, E.-S., Cho, Y.-K., (...), Kim, D., Choi, Y.-K.	2018	Scientific Reports 8(1),14996	0

Document title	Authors	Year	Source	Cited by
View abstract  Full Text Finder View at Publisher Related documents				
A Recoverable Synapse Device Using a Three-Dimensional Silicon Transistor	Hur, J., Jang, B.C., Park, J., (...), Choi, S.-Y., Choi, Y.-K.	2018	Advanced Functional Materials 28(47),1804844	0
View abstract  Full Text Finder View at Publisher Related documents				
Self-powered wearable keyboard with fabric based triboelectric nanogenerator	Jeon, S.-B., Park, S.-J., Kim, W.-G., (...), Kim, D., Choi, Y.-K.	2018	Nano Energy 53, pp. 596-603	1
View abstract  Full Text Finder View at Publisher Related documents				
A comprehensive study of a single-transistor latch in vertical pillar-type FETs with asymmetric source and drain	Lee, S.-W., Kim, S.-Y., Hwang, K.-M., (...), Kim, W.-K., Choi, Y.-K.	2018	IEEE Transactions on Electron Devices 65(11),8478826, pp. 5208-5212	1
View abstract  Full Text Finder View at Publisher Related documents				
Triboelectric nanogenerator based on rolling motion of beads for harvesting wind energy as active wind speed sensor	Kim, D., Tcho, I.-W., Choi, Y.-K.	2018	Nano Energy 52, pp. 256-263	5
View abstract  Full Text Finder View at Publisher Related documents				
Electrothermal Annealing to Enhance the Electrical Performance of an Exfoliated MoS <sub>2</sub> Field-Effect Transistor	Han, J.-K., Park, J.-Y., Kim, C.-K., (...), Choi, K.C., Choi, Y.-K.	2018	IEEE Electron Device Letters 39(10),8450015, pp. 1532-1535	0
View abstract  Full Text Finder View at Publisher Related documents				
Reply to Comments by Ortiz-Conde et al.	Kim, G.-H., Bae, H., Hur, J., (...), Bang, T., Choi, Y.-K.	2018	IEEE Transactions on Electron Devices 65(9),8429516, pp. 4022-4024	0
View abstract  Full Text Finder View at Publisher Related documents				
First demonstration of a logic-process compatible junctionless ferroelectric FinFET synapse for neuromorphic applications	Seo, M., Kang, M.-H., Jeon, S.-B., (...), Choi, S.-Y., Choi, Y.-K.	2018	IEEE Electron Device Letters 39(9),8402198, pp. 1445-1448	3
View abstract  Full Text Finder View at Publisher Related documents				
Disk-based triboelectric nanogenerator operated by rotational force converted from linear force by a gear system	Tcho, I.-W., Jeon, S.-B., Park, S.-J., (...), Kim, D., Choi, Y.-K.	2018	Nano Energy 50, pp. 489-496	2
View abstract  Full Text Finder View at Publisher Related documents				
Multidirection and Multiampitude Triboelectric Nanogenerator Composed of Porous Conductive Polymer with Prolonged Time of Current Generation	Kim, W.-G., Kim, D., Jeon, S.-B., (...), Han, J.-K., Choi, Y.-K.	2018	Advanced Energy Materials 8(21),1800654	3
View abstract  Full Text Finder View at Publisher Related documents				
Sanitization of Data in Nanoscale Flash Memory by Thermal Erasing and Reuse of Storage	Park, J.-Y., Moon, D.-I., Kim, S.-Y., (...), Jeong, C., Choi, Y.-K.	2018	Physica Status Solidi (A) Applications and Materials Science 215(14),1800194	0
View abstract  Full Text Finder View at Publisher Related documents				

Document title	Authors	Year	Source	Cited by
Ferromagnetic nanoparticle-embedded hybrid nanogenerator for harvesting omnidirectional vibration energy	Kim, D., Jin, I.K., Choi, Y.-K.	2018	Nanoscale 10(26), pp. 12276-12283	1
View abstract  Full Text Finder View at Publisher Related documents				
Low-Temperature Fabrication of Robust, Transparent, and Flexible Thin-Film Transistors with a Nanolaminated Insulator	Kwon, J.H., Park, J., Lee, M.K., (...), Choi, Y.-K., Choi, K.C.	2018	ACS Applied Materials and Interfaces 10(18), pp. 15829-15840	6
View abstract  Full Text Finder View at Publisher Related documents				
Quantitative Analysis of Deuterium Annealing Effect on Poly-Si TFTs by Low Frequency Noise and DC I-V Characterization	Kim, D.-H., Lim, S.K., Bae, H., (...), Lee, B.H., Choi, Y.-K.	2018	IEEE Transactions on Electron Devices 65(4), pp. 1640-1644	0
View abstract  Full Text Finder View at Publisher Related documents				
Advanced characterization technique for the extraction of intrinsic effective mobility in ultra-thin-body strained SOI MOSFETs	Seo, M., Bae, H., Jeon, C.-H., Lee, B.-H., Choi, Y.-K.	2018	2017 IEEE SOI-3D-Subthreshold Microelectronics Unified Conference, S3S 2017 2018-March, pp. 1-2	0
View abstract  Full Text Finder View at Publisher Related documents				
A multi-directional wind based triboelectric generator with investigation of frequency effects	Park, S.-J., Kim, S., Seol, M.-L., (...), Kim, D., Choi, Y.-K.	2018	Extreme Mechanics Letters 19, pp. 46-53	1
View abstract  Full Text Finder View at Publisher Related documents				

Display: 20  results per page

1 2 3 4 5 ... 20 > >>

 Top of page

The data displayed above is compiled exclusively from documents indexed in the Scopus database. To request corrections to any inaccuracies or provide any further feedback, please use the [Author Feedback Wizard](#) .

## About Scopus

[What is Scopus](#)  
[Content coverage](#)  
[Scopus blog](#)  
[Scopus API](#)  
[Privacy matters](#)

## Language

[日本語に切り替える](#)  
[切换到简体中文](#)  
[切换到繁體中文](#)  
[Русский язык](#)

## Customer Service

[Help](#)  
[Contact us](#)

---

**ELSEVIER**

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © 2019 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.  
We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

RELX Group