

Scopus

Author details

About Scopus Author Identifi

Print Em

Quay, Rüdiger

Follow this Author

h-index: 21View *h*-graph

21

Fraunhofer Institute for Applied Solid State Physics
IAF, Freiburg im Breisgau, Germany
Author ID: 7004071742

View potential author matches

Other name formats: Quay, R. Quay, Rüdigger Quay, Rüdiger Quay, Rudiger Quay, Ridiger Quay, Riidiger
Quay, Rüdigger Quay, Ruediger

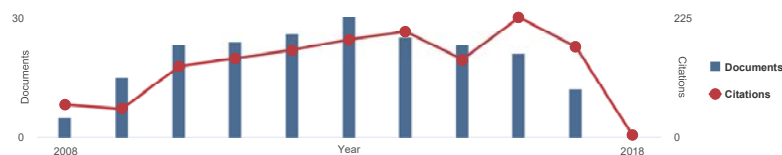
Documents by author

261

Analyze author output

Subject area: Engineering Physics and Astronomy Materials Science Computer Science Energy Mathematics
Chemistry Social Sciences Biochemistry, Genetics and Molecular Biology

Document and
citation trends:



Total citations

1675 by 1224 documents

View citation overview

Get citation alerts + Add to ORCID Request author detail corrections



























261 Documents Cited by 1224 documents 150 co-authors Author history

View all 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
Radiation aspects and performance of GaN power converters and RFICs for airborne and space applications	Quay, R., Bruckner, P., Reiner, R., Schwantuschke, D., Waltereit, P.	2017	IEEE MTT-S International Microwave Symposium Digest 8059006, pp. 1826-1829	0
View abstract View at Publisher Find it NTU Related documents				
First demonstration of W-band Tri-gate GaN-HEMT power amplifier MMIC with 30 dBm output power	Ture, E., Bruckner, P., Alsharef, M., (...), Quay, R., Ambacher, O.	2017	IEEE MTT-S International Microwave Symposium Digest 8059452, pp. 35-37	0
View abstract View at Publisher Find it NTU Related documents				
Reliability of 100 nm AlGaIn/GaN HEMTs for mm-wave applications	Dammann, M., Baeumler, M., Polyakov, V., (...), Graff, A., Simon-Najasek, M.	2017	Microelectronics Reliability 76-77, pp. 292-297	0
View abstract View at Publisher Find it NTU Related documents				
AlN/GaN HEMTs grown by MBE and MOCVD: Impact of Al distribution	Godejohann, B.-J., Ture, E., Müller, S., (...), Quay, R., Ambacher, O.	2017	Physica Status Solidi (B) Basic Research 254(8),1600715	1
View abstract View at Publisher Find it NTU Related documents				
Design, Realization, and Evaluation of a Riemann Pump in GaN Technology	Weib, M., Friesicke, C., Metzger, T., (...), Quay, R., Ambacher, O.	2017	IEEE Microwave and Wireless Components Letters 27(7),7955083, pp. 672-674	0
View abstract View at Publisher Find it NTU Related documents				
New concept for power compression improvement of GaN cascodes in broadband power amplifiers	Huber, T., Quay, R., Bösch, W.	2017	IEEE Microwave and Wireless Components Letters 27(6),7934018, pp. 590-592	0

Document title	Authors	Year	Source	Cited by
View abstract  View at Publisher Find it  NTU Related documents				
Multi-decade GaN feedback power amplifiers in common-source and cascode topology	Huber, T., Quay, R., Bosch, W.	2017	Asia-Pacific Microwave Conference Proceedings, APMC 7931347	0
View abstract  View at Publisher Find it  NTU Related documents				
Noise degradation of cascodes in broadband power amplifiers	Huber, T., Quay, R., Bosch, W.	2017	Proceedings of the 2017 International Workshop on Integrated Nonlinear Microwave and Millimetre-Wave Circuits, INMMiC 2017 7927298	0
View abstract  View at Publisher Find it  NTU Related documents				
Hetero-integrated GaN MMICs: Hot Islands in a (Silicon) Ocean...	Quay, R., Bruckner, P., Tessmann, A., (...), Dammann, M., Waltereit, P.	2017	Proceedings of the 2017 International Workshop on Integrated Nonlinear Microwave and Millimetre-Wave Circuits, INMMiC 2017 7927326	0
View abstract  View at Publisher Find it  NTU Related documents				
Enhancement of the Broadband Efficiency of a Class-J Power Amplifier with Varactor-based Dynamic Load Modulation	Amirpour, R., Darraji, R., Ghannouchi, F., Quay, R.	2017	IEEE Microwave and Wireless Components Letters 27(2),7829255, pp. 180-182	1
View abstract  View at Publisher Find it  NTU Related documents				
Demonstration of an RF front-end based on GaN HEMT technology	Ture, E., Musser, M., Hülsmann, A., Quay, R., Ambacher, O.	2017	Proceedings of SPIE - The International Society for Optical Engineering 10184,101840V	0
View abstract  View at Publisher Find it  NTU Related documents				
Suppression of Iron Memory Effect in GaN Epitaxial Layers	Leone, S., Benkhelifa, F., Kirste, L., (...), Quay, R., Stadelmann, T.	2017	Physica Status Solidi (B) Basic Research Article in Press	0
View abstract  View at Publisher Find it  NTU				
Soft-switching 3 MHz converter based on monolithically integrated half-bridge GaN-chip	Weiss, B., Reiner, R., Waltereit, P., (...), Sepahvand, A., Maksimovic, D.	2016	WiPDA 2016 - 4th IEEE Workshop on Wide Bandgap Power Devices and Applications 7799940, pp. 215-219	4
View abstract  View at Publisher Find it  NTU Related documents				
Single-input GaN gate driver based on depletion-mode logic integrated with a 600 v GaN-on-Si power transistor	Moench, S., Kallfass, I., Reiner, R., (...), Quay, R., Ambacher, O.	2016	WiPDA 2016 - 4th IEEE Workshop on Wide Bandgap Power Devices and Applications 7799938, pp. 204-209	1
View abstract  View at Publisher Find it  NTU Related documents				
Slew rate control of a 600 v 55 mΩ GaN cascode	Endruschat, A., Heckel, T., Reiner, R., (...), Eckardt, B., Frey, L.	2016	WiPDA 2016 - 4th IEEE Workshop on Wide Bandgap Power Devices and Applications 7799963, pp. 334-339	0
View abstract  View at Publisher Find it  NTU Related documents				
A Q-band power amplifier MMIC using 100 nm AlGaIn/GaN HEMT	Feuerschütz, P., Friesicke, C., Quay, R., Jacob, A.F.	2016	EuMIC 2016 - 11th European Microwave Integrated Circuits Conference 7777551, pp. 305-308	0
View abstract  View at Publisher Find it  NTU Related documents				
Dual-gate HEMT parameter extraction based on 2.5D multiport simulation of passive structures	Van Raay, F., Quay, R., Schwantuschke, D., (...), Schlechtweg, M., Ambacher, O.	2016	EuMIC 2016 - 11th European Microwave Integrated Circuits Conference 7777535, pp. 241-244	0
View abstract  View at Publisher Find it  NTU Related documents				
Enhancement-mode AlGaIn/GaN FinFETs with high on/off performance in 100 nm gate length	Ture, E., Brückner, P., Quay, R., (...), Granzner, R., Schwierz, F.	2016	EuMIC 2016 - 11th European Microwave Integrated Circuits Conference 7777489, pp. 61-64	2
View abstract  View at Publisher Find it  NTU Related documents				

Document title	Authors	Year	Source	Cited by
Internally-packaged-matched continuous inverse class-FI wideband GaN HPA	Carrubba, V., Maroldt, S., Ture, E., (...), Quay, R., Ambacher, O.	2016	EuMIC 2016 - 11th European Microwave Integrated Circuits Conference 777533, pp. 233-236	0

View abstract  View at Publisher [Find it](#)  NTU Related documents

A GaN-Based 10.1MHz Class-F-1 300 W Continuous Wave Amplifier Targeting Industrial Power Applications	Maier, F.A., Krausse, D., Gruner, D., (...), Quay, R., Ambacher, O.	2016	Technical Digest - IEEE Compound Semiconductor Integrated Circuit Symposium, CSIC 2016-November,7751019	1
---	---	------	---	---

View abstract  View at Publisher [Find it](#)  NTU Related documents

Display:  results per page

[1](#) 2 3 4 5 ... 14 > >>

[^](#) 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 © 2018 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

Cookies are set by this site. To decline them or learn more, visit our [Cookies page](#).

 RELX Group