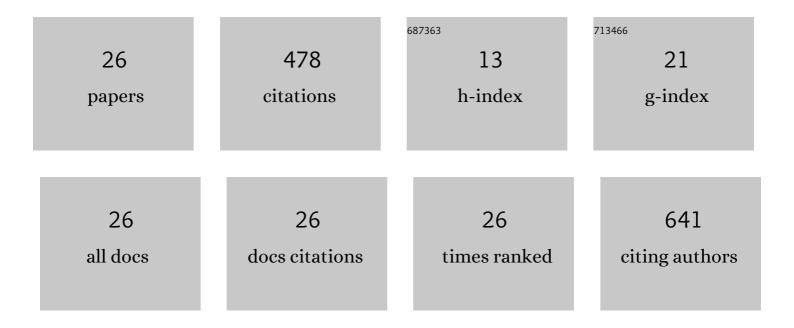
## **Axel Persson**

List of Publications by Year in descending order

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AVEL DEDSSON

#	Article	IF	CITATIONS
1	Impact of in situ NH3 pre-treatment of LPCVD SiN passivation on GaN HEMT performance. Semiconductor Science and Technology, 2022, 37, 035011.	2.0	8
2	Mg-doping and free-hole properties of hot-wall MOCVD GaN. Journal of Applied Physics, 2022, 131, .	2.5	14
3	Epitaxial growth of <i><math display="inline">\hat{l}^2</math></i> -Ga2O3 by hot-wall MOCVD. AIP Advances, 2022, 12, .	1.3	17
4	Time-resolved compositional mapping during in situ TEM studies. Ultramicroscopy, 2021, 222, 113193.	1.9	4
5	Aerotaxy: gas-phase epitaxy of quasi 1D nanostructures. Nanotechnology, 2021, 32, 025605.	2.6	11
6	Template-assisted vapour–liquid–solid growth of InP nanowires on (001) InP and Si substrates. Nanoscale, 2020, 12, 888-894.	5.6	7
7	Tuning of Source Material for InAs/InGaAsSb/GaSb Application-Specific Vertical Nanowire Tunnel FETs. ACS Applied Electronic Materials, 2020, 2, 2882-2887.	4.3	11
8	Calculation of Hole Concentrations in Zn Doped GaAs Nanowires. Nanomaterials, 2020, 10, 2524.	4.1	2
9	Compressively-strained GaSb nanowires with core-shell heterostructures. Nano Research, 2020, 13, 2517-2524.	10.4	13
10	High-Performance Vertical III-V Nanowire MOSFETs on Si With g <sub>m</sub> > 3 mS/μm. IEEE Electron Device Letters, 2020, 41, 1161-1164.	3.9	22
11	Independent Control of Nucleation and Layer Growth in Nanowires. ACS Nano, 2020, 14, 3868-3875.	14.6	31
12	Directed Câ^'H Halogenation Reactions Catalysed by Pd <sup>II</sup> Supported on Polymers under Batch and Continuous Flow Conditions. Chemistry - A European Journal, 2019, 25, 13591-13597.	3.3	14
13	In situ analysis of catalyst composition during gold catalyzed GaAs nanowire growth. Nature Communications, 2019, 10, 4577.	12.8	49
14	Kinetics of Au–Ga Droplet Mediated Decomposition of GaAs Nanowires. Nano Letters, 2019, 19, 3498-3504.	9.1	18
15	In situ XAS study of the local structure and oxidation state evolution of palladium in a reduced graphene oxide supported Pd(ii) carbene complex during an undirected C–H acetoxylation reaction. Catalysis Science and Technology, 2019, 9, 2025-2031.	4.1	20
16	Observing growth under confinement: Sn nanopillars in porous alumina templates. Nanoscale Advances, 2019, 1, 4764-4771.	4.6	8
17	<i>n</i> -type doping and morphology of GaAs nanowires in Aerotaxy. Nanotechnology, 2018, 29, 285601.	2.6	15
18	A Pd <sup>II</sup> Carbene Complex with Anthracene Sideâ€Arms for Ï€â€Stacking on Reduced Graphene Oxide (rGO): Activity towards Undirected C–H Oxygenation of Arenes. European Journal of Inorganic Chemistry, 2018, 2018, 4742-4746.	2.0	17

Axel Persson

#	Article	IF	CITATIONS
19	Electron Tomography Reveals the Droplet Covered Surface Structure of Nanowires Grown by Aerotaxy. Small, 2018, 14, e1801285.	10.0	5
20	Kinetic Engineering of Wurtzite and Zinc-Blende AlSb Shells on InAs Nanowires. Nano Letters, 2018, 18, 5775-5781.	9.1	6
21	Polymer‣upported Palladium(II) Carbene Complexes: Catalytic Activity, Recyclability, and Selectivity in Câ~'H Acetoxylation of Arenes. Chemistry - A European Journal, 2017, 23, 8457-8465.	3.3	25
22	Individual Defects in InAs/InGaAsSb/GaSb Nanowire Tunnel Field-Effect Transistors Operating below 60 mV/decade. Nano Letters, 2017, 17, 4373-4380.	9.1	85
23	Real-time in-situ Investigation of III-V Nanowire Growth using Custom-designed Hybrid Chemical Vapor Deposition-TEM. Microscopy and Microanalysis, 2017, 23, 1716-1717.	0.4	1
24	Vertical InAs/InGaAs Heterostructure Metal–Oxide–Semiconductor Field-Effect Transistors on Si. Nano Letters, 2017, 17, 6006-6010.	9.1	37
25	GaAsP Nanowires Grown by Aerotaxy. Nano Letters, 2016, 16, 5701-5707.	9.1	36
26	Coherently strained and dislocationâ€free architectured AlGaN/GaN submicronâ€sized structures. Nano Select, 0, , .	3.7	2