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The holy grail of silicon photonics is the development of a Si-based laser. Unfortunately, in addition to being a poor emitter, Proceedings of SPIE

<http://nanophotonics.spiedigitallibrary.org/article.aspx?articleid=1352586>

SPIE | Journal of Photonics for Energy | -

Simultaneous optical and electrical modeling of plasmonic light trapping in thin-film amorphous silicon J. Photonics for Proceedings of SPIE

<http://photonicsforenergy.spiedigitallibrary.org/article.aspx?articleid=2119107>

SPIE | Journal of Nanophotonics | Luminescence of -

Journal of Photonics for Energy; James Carey and Eric Mazur "Luminescence of black silicon", J. Nanophoton. 2(1), 021770 (February Proceedings of SPIE
<http://nanophotonics.spiedigitallibrary.org/article.aspx?articleid=1227717>

Photonics and Radio Frequency: No. 2 (-

Buy Photonics and Radio Frequency: No. 2 (Proceedings of SPIE) by Gregory J. Zagar, Anastasios P. Goutzoulis, Andrew R. Pirich (ISBN: 9780819429186)
<http://www.amazon.co.uk/Photonics-Radio-Frequency-Proceedings-SPIE/dp/081942918X>

Spintronics III : 1 - 4 August 2010, San Diego, -

Proceedings of SPIE, 77600J Silicon spintronics at room San Diego, California, United States ; [part of SPIE optics + photonics] Subject: Bellingham, Wash., SPIE
<http://www.gbv.de/dms/tib-ub-hannover/64274730x.pdf>

Silicon Photonics (Proceedings of Spie): Joel A -

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Conference Detail for Silicon Photonics XI -

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SPIE - The International Society for Optics and -

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<http://www.youtube.com/watch?v=zrKRpPmzxDU>

Dr. ir. Katrien De Vos - Photonics Research Group -

Dr. ir. Katrien De Vos . Biosensors in silicon on insulator, Proceedings of SPIE Photonics West 2009 West 2007: Silicon Photonics II
<http://photonics.intec.ugent.be/contact/people.asp?ID=153>

Stress Induced Effects for Advanced Polarization -

Linked References. L. Pavesi and D. Lockwood, Eds., Silicon Photonics, Springer, Berlin, Germany, 2004. Q. Xu, S. Manipatruni, B. Schmidt, J. Shakya, and M. Lipson
<http://www.hindawi.com/journals/aot/2008/689715/ref/>

S. Yliniemi, J. Albert, A. Laronche, Q. Wang, and -

phosphate glass, in Integrated Optics, Silicon Photonics, and Society of Photo Optical Instrumentation Engineers in Proceedings of
<http://lib.tkk.fi/Diss/2007/isbn9789512287567/article5.pdf>

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Latest Research, Technologies Slated for SPIE Optics + Photonics 2015 Justine Murphy, Contributing Editor, justine.murphy@photonics.com SPIE Optics + Photonics 2015

<http://www.photonics.com/Article.aspx?AID=57625&Relations=1>

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<http://remotesensing.spiedigitallibrary.org/article.aspx?articleid=2422089&journalid=96>

Silicon Photonics | (2006) | Publications | Spie -

Integrated silicon photonic circuit: monolithic 8-channel modulator, tap, vertical coupler, and flip-chip mounted photodetector array Author(s)

<http://spie.org/Publications/Proceedings/Volume/6125>

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Mid-infrared photonics in silicon - REFDOC -

Mid-infrared photonics in silicon Auteur(s) / Author(s) Proceedings of SPIE, the International Society for Optical Engineering ISSN

<http://cat.inist.fr/?aModele=afficheN&cpsidt=24329869>

ECBO 2015 - European Conferences on Biomedical -

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<http://www.photonics.com/IndustryEvent.aspx?IEID=2313>

Mohamed A. Swillam - American University in Cairo -

silicon photonics, Swillam, M. H. Bakr, X. Li and J. Deen, Efficient the beam propagation method, SPIE Photonics North, Proceedings of SPIE

<http://www.aucegypt.edu/research/jameel/people/Pages/MohamedASwillam.aspx>

Publications | Research | CREOL - The College of -

Found 42 publications. "Silicon Photonics for Telecommunications and Biomedicine" Materials, Devices, and Applications X, Proceedings of SPIE, Volume 7917,

<http://www.creol.ucf.edu/Research/Publications.aspx?Type=1>

Title Author(s) Publication 2010-04-13 Wehrspohn, -

(eds.). Proceedings of SPIE: Volume 7725 : Proceedings of Photonics for Solar Energy
Silicon solar cells prospered primarily due to the developments

<http://researchrepository.ucd.ie/bitstream/handle/10197/2741/RevisedManuscript%20SPIE%20PhotonicsEurope%2010%20DSSC.pdf?sequence=1>

Title Nonlinear silicon photonics Author(s) Tsia, -

In Proceedings of SPIE, 2010, v. 7719, article no. 771904 Silicon Photonics and
Photonic Integrated Circuits II, edited by Giancarlo Cesare Righini,

<http://hub.hku.hk/bitstream/10722/129706/1/Content.pdf?accept=1>

SPIE | Proceeding | Recent development in silicon -

Recent development in silicon photonics: 2.5 Gb/s silicon optical modulator and silicon
Raman laser

<http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=860066>

SPIE | Journal of Micro/Nanolithography, MEMS, -

Journal of Photonics for Energy; on the front side of multicrystalline silicon solar cells,
Proceedings of SPIE

<http://nanolithography.spiedigitallibrary.org/article.aspx?articleid=2422682&journalid=95>

Integrated Photonics Research in China | Optics & -

Integrated photonics "Development of Optical Polymer Waveguide Devices,"

Proceedings of SPIE 7605 (2010). >> X. Chen >> S. Feng et al. Silicon Photonics:

http://www.osa-opn.org/home/articles/volume_22/issue_9/features/integrated_photonics_research_in_china/

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(J. Photonics for Energy; Proceedings of SPIE offer access to the latest innovations in
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Photonics Laboratory - Conferences and -

Conferences and Proceedings SPIE Photonics West 2015, San Francisco "Effective
antireflection properties of porous silicon nanowires for photovoltaic

<http://photonics.kaust.edu.sa/Pages/Publications-Conferences-and-Proceedings.aspx>