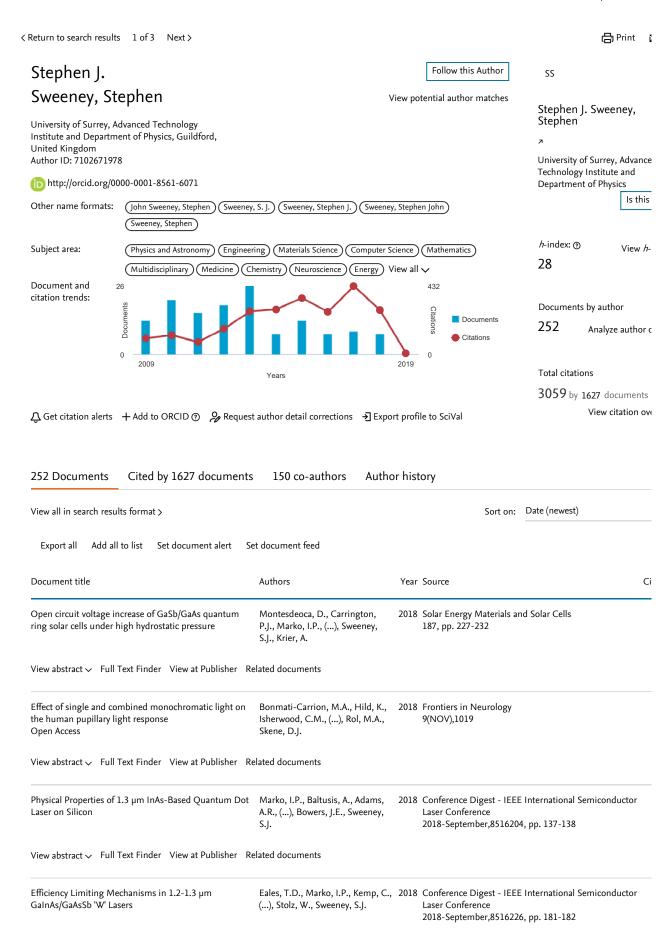
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Document title	Authors	Year	Source
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The Nature of Auger Recombination in Type-I Quantu Well Lasers Operating in the Near- and Mid-Infrared	m Eales, T., Marko, I.P., Ikyo, B.A., (), Shterengas, L., Sweeney, S.J.	2018	Conference Digest - IEEE International Semiconductor Laser Conference 2018-September,8516247, pp. 223-224
/iew abstract ✓ Full Text Finder View at Publisher	Related documents		
The influence of inhomogeneities and defects on novel quantum well and quantum dot based infrared-emittir semiconductor lasers		2018	Semiconductor Science and Technology 33(11),113002
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Theory and design of In <sub>x</sub> Ga <sub>1-x</sub> As <sub>1-y</sub> Bi <sub>y</sub> mid-infrared semiconductor lasers: Type-I quantum wells for emission beyond 3 μm on InP substrates	Broderick, C.A., Xiong, W., Sweeney, S.J., O'Reilly, E.P., Rorison, J.M.	2018	Semiconductor Science and Technology 33(9),094007
View abstract   Full Text Finder View at Publisher	Related documents		
Optical functions and critical points of dilute bismide alloys studied by spectroscopic ellipsometry Open Access	Bushell, Z.L., Joseph, R.M., Nattermann, L., (), Keddie, J.L., Sweeney, S.J.	2018	Journal of Applied Physics 123(4),045701
View abstract ✓ Full Text Finder View at Publisher	Related documents		
Progress Toward III-V Bismide Alloys for Near- and Midinfrared Laser Diodes	Marko, I.P., Sweeney, S.J.	2017	IEEE Journal of Selected Topics in Quantum Electronics 23(6),7962163
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Wavelength Dependence of Efficiency Limiting Mechanisms in Type-I Mid-Infrared GaInAsSb/GaSb Lasers	Eales, T.D., Marko, I.P., Ikyo, B.A., (), Amann, MC., Sweeney, S.J.	2017	IEEE Journal of Selected Topics in Quantum Electronics 23(6),7891015
View abstract   Full Text Finder View at Publisher	Related documents		
Strain-balanced type-II superlattices on GaAs: Novel neterostructures for photonics and photovoltaics	Broderick, C.A., Xiong, W., Jin, S., (), Sweeney, S.J., O'reilly, E.P.	2017	Proceedings of the International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 8010018, pp. 115-116
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High-Q photonic crystal cavities in all-semiconductor ohotonic crystal heterostructures	Bushell, Z.L., Florescu, M., Sweeney, S.J.	2017	Physical Review B 95(23),235303
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GaAs <sub>1-x</sub> Bi <sub>x</sub> /GaN <sub>y</sub> As <sub>1-y</sub> type-II quantum wells: novel strain-balanced heterostructures for GaAs-based near- mid-infrared photonics Open Access	Broderick, C.A., Jin, S., Marko, & I.P., (), Volz, K., Sweeney, S.J.	2017	Scientific Reports 7,46371
/iew abstract ✓ Full Text Finder View at Publisher	Related documents		
Unfolding the band structure of GaAsBi	Maspero, R., Sweeney, S.J., Florescu, M.	2017	Journal of Physics Condensed Matter 29(7),075001
√iew abstract ✓ Full Text Finder View at Publisher	Related documents		

Authors	Year	Source	C
Mukherjee, J., Sweeney, S.J.	2017	Handbook of Optoelectronics, Second Edition: Concepts, Devices, and Techniques 1, pp. 349-394	
er Related documents			
Broderick, C.A., Marko, I.P., O'Reilly, E.P., Sweeney, S.J.	2017		ī,
er Related documents			
es and Eales, T., Marko, I.P., Ikyo, B.A., (), Meyer, J.R., Sweeney, S.J.	2017	Optics InfoBase Conference Papers Part F82-CLEO_Europe 2017	
sers Marko, I.P., Broderick, C.A., Jin, S., (), O'Reilly, E.P., Sweeney, S.J.	2016	Conference Digest - IEEE International Semiconducto Laser Conference 7765744	)r
nents			
Eales, T., Marko, I.P., Ikyo, B.A., ag in (), Amann, MC., Sweeney, S.J		Conference Digest - IEEE International Semiconductor Laser Conference 7765737	)r
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		Applied Materials Today 5, pp. 209-214	
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