

Roger Chen

List of Publications by Year in descending order

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26
papers

1,391
citations

687363

13
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

2052
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanolasers grown on silicon. <i>Nature Photonics</i> , 2011, 5, 170-175.	31.4	469
2	Efficacy and safety of dapagliflozin in patients with inadequately controlled type 1 diabetes (DEPICT-1): 24 week results from a multicentre, double-blind, phase 3, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 864-876.	11.4	244
3	Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes: The DEPICT-1 52-Week Study. <i>Diabetes Care</i> , 2018, 41, 2552-2559.	8.6	177
4	GaAs-Based Nanoneedle Light Emitting Diode and Avalanche Photodiode Monolithically Integrated on a Silicon Substrate. <i>Nano Letters</i> , 2011, 11, 385-390.	9.1	97
5	Nanophotonic integrated circuits from nanoresonators grown on silicon. <i>Nature Communications</i> , 2014, 5, 4325.	12.8	57
6	Unconventional Growth Mechanism for Monolithic Integration of III-V on Silicon. <i>ACS Nano</i> , 2013, 7, 100-107.	14.6	53
7	Second-harmonic generation from a single wurtzite GaAs nanoneedle. <i>Applied Physics Letters</i> , 2010, 96, 051110.	3.3	52
8	Tailoring the Optical Characteristics of Microsized InP Nanoneedles Directly Grown on Silicon. <i>Nano Letters</i> , 2014, 14, 183-190.	9.1	44
9	Relationship between depression and diabetes in pregnancy: A systematic review. <i>World Journal of Diabetes</i> , 2016, 7, 554.	3.5	39
10	Nanolasers grown on silicon-based MOSFETs. <i>Optics Express</i> , 2012, 20, 12171.	3.4	36
11	GaAs nanoneedles grown on sapphire. <i>Applied Physics Letters</i> , 2011, 98, 123101.	3.3	33
12	Single Crystalline InGaAs Nanopillar Grown on Polysilicon with Dimensions beyond the Substrate Grain Size Limit. <i>Nano Letters</i> , 2013, 13, 5931-5937.	9.1	19
13	On Poincaré Type Inequalities. <i>Transactions of the American Mathematical Society</i> , 1997, 349, 1561-1585.	0.9	14
14	Routine glucose assessment in the emergency department for detecting unrecognised diabetes: a cluster randomised trial. <i>Medical Journal of Australia</i> , 2019, 211, 454-459.	1.7	12
15	Robotic Partial Nephrectomy Using Robotic Bulldog Clamps. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2011, 15, 520-526.	1.1	11
16	Practical use of insulin degludec/insulin aspart in a multinational setting: beyond the guidelines. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1961-1975.	4.4	11
17	Composition Homogeneity in InGaAs/GaAs Core-Shell Nanopillars Monolithically Grown on Silicon. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16706-16711.	8.0	9
18	High-speed avalanche photodiodes using III-V nanopillars monolithically grown on silicon. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
19	Eigenvalue Estimate on a Compact Riemannian Manifold. American Journal of Mathematics, 1989, 111, 769.	1.1	3
20	Rates of hypoglycaemia are lower in patients treated with insulin degludec/liraglutide (IDegLira) than with IDeg or insulin glargine, regardless of the hypoglycaemia definition used. Diabetes, Obesity and Metabolism, 2017, 19, 1562-1569.	4.4	3
21	On global Schrödinger kernel estimate and eigenvalue problem. Mathematische Zeitschrift, 1998, 227, 69-81.	0.9	1
22	Nanolasers grown on polycrystalline silicon. , 2010, , .		1
23	Characteristics of InP nanoneedles grown on silicon by low-temperature MOCVD. , 2012, , .		1
24	On Stekloff eigenvalue problem. Pacific Journal of Mathematics, 2000, 195, 277-296.	0.5	1
25	Nanopillar lasers on silicon. , 2011, , .		0
26	Gap estimates of Schrödinger operator. Pacific Journal of Mathematics, 1997, 178, 225-240.	0.5	0