

Bruce McCombe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4101895/publications.pdf>

Version: 2024-02-01

31
papers

237
citations

1163117

8
h-index

996975

15
g-index

31
all docs

31
docs citations

31
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-resolved magnetophotoluminescence studies of magnetic polaron dynamics in type-II quantum dots. <i>Physical Review B</i> , 2015, 92, .	3.2	14
2	Terahertz Dynamics of a Topologically Protected State: Quantum Hall Effect Plateaus near the Cyclotron Resonance of a Two-Dimensional Electron Gas. <i>Physical Review Letters</i> , 2015, 115, 247401.	7.8	10
3	Rashba Effect and Beating Patterns in the THz Magneto-Photoresponse of a HgTe-Based Two-Dimensional Electron Gas. <i>Selected Topics in Electornics and Systems</i> , 2015, , 67-73.	0.2	0
4	Electrical and terahertz magnetospectroscopy studies of laser-patterned micro- and nanostructures on InAs-based heterostructures. <i>Applied Physics Letters</i> , 2015, 106, 052102.	3.3	4
5	THz Magneto-Photoresponse Spectroscopy of Two-Dimensional Electrons in an InAs/InGaAs/InAlAs Inserted-Channel. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2015, 36, 291-297.	2.2	4
6	Observation of Thermoelectric Voltages from the Two-Dimensional Electron Gas of a HgTe Quantum Well Due to Resonant THz Laser Heating. <i>Journal of Electronic Materials</i> , 2015, 44, 3598-3602.	2.2	0
7	The g-factor of quasi-two-dimensional electrons in InAs/InGaAs/InAlAs inserted-channels. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	7
8	Rashba Effect and Beating Patterns in the THz Magneto-Photoresponse of a HgTe-Based Two-Dimensional Electron Gas. <i>International Journal of High Speed Electronics and Systems</i> , 2015, 24, 1520003.	0.7	0
9	Characterization of High Mobility InAs/InGaAs/InAlAs Composite Channels by THz Magneto-Photoresponse Spectroscopy. <i>International Journal of High Speed Electronics and Systems</i> , 2015, 24, 1520004.	0.7	0
10	Characterization of High Mobility InAs/InGaAs/InAlAs Composite Channels by THz Magneto-Photoresponse Spectroscopy. <i>Selected Topics in Electornics and Systems</i> , 2015, , 75-81.	0.2	0
11	Landau levels and spin splitting in the two-dimensional electron gas of a HgTe quantum well near the critical width for the topological phase transition. <i>Physical Review B</i> , 2014, 90, .	3.2	12
12	THz Magneto-photoresponse of an InAs-based quantum point contact in the region of cyclotron resonance. <i>Journal of Physics: Conference Series</i> , 2013, 456, 012031.	0.4	5
13	THz Quantum Hall Conductivity Studies in a GaAs Heterojunction. , 2011, , .		0
14	Spin injection and circular polarized electroluminescence from InAs-based spin-light emitting diode structures. <i>Journal of Applied Physics</i> , 2010, 107, 114510.	2.5	5
15	Robust magnetic polarons in type-II (Zn,Mn)Te/ZnSe magnetic quantum dots. <i>Physical Review B</i> , 2010, 82, .	3.2	37
16	Coherent Aharonov-Bohm oscillations in type-II (Zn,Mn)Te/ZnSe quantum dots. <i>Physical Review B</i> , 2008, 77, .	3.2	16
17	Electrical spin injection and optical detection in InAs based light emitting diodes. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	3
18	Magneto-Optical Studies of Spin Injection in Cd _{1-x} MnxSe/InAs Structures. <i>International Journal of Modern Physics B</i> , 2007, 21, 1347-1349.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Spin Polarization Measurements of InAs-Based LEDs. Journal of Superconductivity and Novel Magnetism, 2006, 18, 391-397.	0.5	6
20	Magnetic and Electrical Properties of Random and Digital Alloys of GaSb:Mn. Journal of Superconductivity and Novel Magnetism, 2005, 18, 87-92.	0.5	4
21	Optical Phonon Modes of InP/II-VI core-shell Nanoparticles: a Raman and Infrared Study. AIP Conference Proceedings, 2005, , .	0.4	0
22	HIGH-FIELD MAGNETOTRANSPORT STUDIES OF FERROMAGNETIC GaAs/Mn DIGITAL ALLOYS. , 2005, , .		0
23	HIGH-FIELD MAGNETOTRANSPORT STUDIES OF FERROMAGNETIC GaAs/Mn DIGITAL ALLOYS. International Journal of Modern Physics B, 2004, 18, 3735-3743.	2.0	2
24	Magneto-Spectroscopy of Two-Dimensional Systems: Many- and Few-Body Effects. Journal of Superconductivity and Novel Magnetism, 2003, 16, 767-776.	0.5	1
25	Electronic property variations due to an embedded potential barrier layer in modulation-doped step quantum wells. Journal of Applied Physics, 2002, 91, 5089-5092.	2.5	4
26	Pressure Tuning of Many-Electron Impurity Interactions in Confined Semiconductor Structures. Physica Status Solidi (B): Basic Research, 1999, 211, 131-136.	1.5	7
27	Pressure Tuning of Competing Charged and Neutral Exciton States in Quasi-2D Semiconductor Structures. Physica Status Solidi (B): Basic Research, 1999, 215, 263-267.	1.5	9
28	Magnetic-field-induced unbinding of the off-well-center $D\hat{a}^{\sim}$ singlet state in GaAs/Al _{0.3} Ga _{0.7} As multiple quantum wells. Physical Review B, 1997, 56, R1692-R1695.	3.2	42
29	Pressure Dependence of the Electron Effective Mass in GaAs up to the $1s(\hat{I}^{\sim})$ - $1s(X)$ Crossover. Physica Status Solidi (B): Basic Research, 1996, 198, 41-47.	1.5	5
30	Tailoring the intersubband absorption in quantum wells. Applied Physics Letters, 1989, 55, 891-893.	3.3	38
31	A far infrared study of shallow acceptors in gaas/algaas quantum wells. , 1987, , .		0