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List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hydrogen passivation effects in InGaAlP and InGaP. Journal of Applied Physics, 1994, 76, 7390-7398. | 1.1 | 29 |
| 2 | Passivation of GaAs by atomic hydrogen flow produced by the crossed beams method. Semiconductor Science and Technology, 1990, 5, 242-245. | 1.0 | 16 |
| 3 | Hydrogen and nitrogen plasma treatment effects on surface properties of GaSb and InGaAsSb. Solid-State Electronics, 1995, 38, 1743-1745. | 0.8 | 11 |
| 4 | On the self-focusing of whistler waves in a radial inhomogeneous plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 79, 402-404. | 0.9 | 10 |
| 5 | The effect of Gd doping on carrier concentration in InGaAsSb layers grown by liquid phase epitaxy. Thin Solid Films, 1994, 251, 147-150. | 0.8 | 4 |
| 6 | The influence of hydrogen plasma treatment on reverse currents in InGaP and InGaAlP. Solid-State Electronics, 1995, 38, 771-774. | 0.8 | 4 |
| 7 | Effects of proton implantation and hydrogen plasma passivation on electrical properties of InGaAlP and InGaP. Solid-State Electronics, 1995, 38, 1131-1135. | 0.8 | 4 |
| 8 | Hydrogen passivation effects in quaternary solid solutions of InGaAsSb lattice matched to GaSb. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1994, 27, 137-141. | 1.7 | 3 |
| 9 | Excitation of whistler waves by a helical wave structure. Journal Physics D: Applied Physics, 1981, 14, 1803-1809. | 1.3 | 2 |
| 10 | Self-Excitation of Low-Frequency Oscillations in the Plasma Ring Formed by an ECR Discharge in a Narrow Coaxial Cavity. Plasma Physics Reports, 2018, 44, 626-629. | 0.3 | 1 |
| 11 | Formation of a Plasma Ring by a Microwave Discharge in a Narrow Coaxial Cavity beyond the ECR Region. Plasma Physics Reports, 2018, 44, 594-599. | 0.3 | 1 |
| 12 | Enhanced plasma confinement in a magnetic well by whistler waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 84, 65-67. | 0.9 | 0 |
| 13 | Fermi Level Pinning in Au Schottky Barriers on InGaP and InGaAlP. Materials Research Society Symposia Proceedings, 1994, 340, 265. | 0.1 | 0 |
| 14 | Doping Efficiency and Deep Traps in MOCVD-Grown InGaAlP as Influenced by Stoichiometry and Hydrogen Passivation. Materials Research Society Symposia Proceedings, 1994, 340, 301. | 0.1 | 0 |
| 15 | CERA-V: Microwave plasma stream source with variable ion energy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 471. | 1.6 | 0 |
| 16 | Creation of plasma structures due to high frequency electromagnetic field actions for different applications. , 0, , . | | 0 |
| 17 | Influence of the pulsating electric field on the ECR heating in a nonuniform magnetic field. Plasma Physics Reports, 2011, 37, 1178-1181. | 0.3 | 0 |
| 18 | Electron cyclotron resonance plasma heating in the CERA-RX facility under a randomly pulsating electric field. Plasma Physics Reports, 2012, 38, 1053-1055. | 0.3 | 0 |

