

Anurup Gohain Barua

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

126
citations

1307594

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1281871

11
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21
all docs

21
docs citations

21
times ranked

61
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Firefly flashing under strong static magnetic field. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 345-350. | 2.9 | 14 |
| 2 | The light of the firefly under the influence of ethyl acetate. <i>Journal of Biosciences</i> , 2010, 35, 183-186. | 1.1 | 13 |
| 3 | Temperature dependence of the flash duration of the firefly <i>Luciola praeusta</i> . <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1788-1792. | 2.9 | 13 |
| 4 | Effects of doping concentration on thermoluminescence parameters of CaAl ₂ O ₄ :Re ³⁺ (Re ³⁺ = Dy ³⁺), <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> | 2.8 | 13 |
| 5 | Bioluminescence emissions of female fireflies of the species <i>Luciola praeusta</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 134-139. | 3.8 | 9 |
| 6 | Seismic vulnerability assessment of earthquake-prone mega-city Shillong, India using geophysical mapping and remote sensing. <i>Georisk</i> , 2020, 14, 112-127. | 3.5 | 9 |
| 7 | Thermoluminescence studies of Tm doped nanocrystalline Calcium Aluminate (CaAl ₂ O ₄ :Tm ³⁺). <i>Optik</i> , 2021, 228, 166151. | 2.9 | 8 |
| 8 | Manifestation of Peaks in a Live Firefly Flash. <i>Journal of Fluorescence</i> , 2019, 29, 505-513. | 2.5 | 7 |
| 9 | Spectral Signature of Ripening in the Seeds of Chilli (<i>Capsicum annum</i>L.). <i>Spectroscopy Letters</i> , 2010, 43, 163-166. | 1.0 | 6 |
| 10 | In vivo bioluminescence emissions of the firefly <i>Luciola praeusta</i> at low temperatures. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 383-386. | 3.8 | 6 |
| 11 | Steady-State and Time-Resolved Bioluminescence of the Firefly <i>Asymmetricata circumdata</i> (Motschulsky). <i>Current Science</i> , 2015, 109, 1838. | 0.8 | 5 |
| 12 | Interaction of a laser beam with the rotational lines of nitrogen in the wavelength region of 5700 Å... <i>Applied Optics</i> , 2007, 46, 5738. | 2.1 | 4 |
| 13 | Bioluminescence emissions from the Indian winter species of firefly <i>Diaphanes sp.</i> . <i>Journal of Biosciences</i> , 2020, 45, 1. | 1.1 | 4 |
| 14 | Light from a firefly at temperatures considerably higher and lower than normal. <i>Scientific Reports</i> , 2021, 11, 12498. | 3.3 | 4 |
| 15 | 405 nm-Excited Fluorescence Spectra of the Juice of the Lemon (<i>Citrus x Limon</i>). <i>Food Biophysics</i> , 2013, 8, 297-301. | 3.0 | 3 |
| 16 | Fluorescence Studies of the Seeds of the Pumpkin (<i>Cucurbita pepo L.</i>). <i>The National Academy of Sciences, India</i> , 2014, 37, 275-279. | 1.3 | 3 |
| 17 | Modulations in the light of the firefly. <i>Journal of Biosciences</i> , 2013, 38, 9-12. | 1.1 | 2 |
| 18 | In vivo lifetimes of the three color-sectors in bioluminescence emissions of the firefly <i>Luciola praeusta</i> at different temperatures. <i>Spectroscopy Letters</i> , 2019, 52, 253-260. | 1.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Bioluminescence emissions of firefly <i>Luciola praeusta</i> Kiesenwetter 1874 (Coleoptera : Lampyridae :) Tj ETQq1 1 0.784314 rgBT /Over 0.1 | | |
| 20 | Simulation of Intensities of High Resolution Lines of Nitrogen in the Region of 2045â€“2305Åcmâ~1. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2017, 87, 419-422. | 1.2 | 0 |
| 21 | Estimation of site-specific amplification factors and expected peak ground motion at Shillong city, Meghalaya: A deterministic approach. Journal of Earth System Science, 2022, 131, 1. | 1.3 | 0 |