

Anurup Gohain Barua

List of Publications by Year in descending order

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21
papers

126
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1307594

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Estimation of site-specific amplification factors and expected peak ground motion at Shillong city, Meghalaya: A deterministic approach. <i>Journal of Earth System Science</i> , 2022, 131, 1.	1.3	0
2	Thermoluminescence studies of Tm doped nanocrystalline Calcium Aluminate (CaAl ₂ O ₄ :Tm ³⁺). <i>Optik</i> , 2021, 228, 166151.	2.9	8
3	Light from a firefly at temperatures considerably higher and lower than normal. <i>Scientific Reports</i> , 2021, 11, 12498.	3.3	4
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	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
6	Bioluminescence emissions from the Indian winter species of firefly <i>Diaphanes</i> sp.. <i>Journal of Biosciences</i> , 2020, 45, 1.	1.1	4
7	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
8	Manifestation of Peaks in a Live Firefly Flash. <i>Journal of Fluorescence</i> , 2019, 29, 505-513.	2.5	7
9	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
10	Simulation of Intensities of High Resolution Lines of Nitrogen in the Region of 2045â€“2305Åcmâˆ²1. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2017, 87, 419-422.	1.2	0
11	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
12	Steady-State and Time-Resolved Bioluminescence of the Firefly <i>Asymmetricata circumdata</i> (Motschulsky). <i>Current Science</i> , 2015, 109, 1838.	0.8	5
13	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
14	Fluorescence Studies of the Seeds of the Pumpkin (<i>Cucurbita pepo</i> L.). <i>The National Academy of Sciences, India</i> , 2014, 37, 275-279.	1.3	3
15	Modulations in the light of the firefly. <i>Journal of Biosciences</i> , 2013, 38, 9-12.	1.1	2
16	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
17	Firefly flashing under strong static magnetic field. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 345-350.	2.9	14
18	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

#	ARTICLE	IF	CITATIONS
19	The light of the firefly under the influence of ethyl acetate. Journal of Biosciences, 2010, 35, 183-186.	1.1	13
20	Bioluminescence emissions of firefly <i>Luciola praeusta</i> Kiesenwetter 1874 (Coleoptera : Lampyridae :) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	1
21	Interaction of a laser beam with the rotational lines of nitrogen in the wavelength region of 5700 Å... Applied Optics, 2007, 46, 5738.	2.1	4