

Ref	Topic	Title
182586	BIOS1	Lipid coated citrate-capped gold nanoparticles for metal-enhanced bioluminescence
184969	BIOS2	Acid-tolerant monomeric GFP derived from <i>Olinidias formosa</i>
183579	BIOS2	Giving cold light the chance to shine: Engineering better, brighter bioluminescent light sources for live cell imaging
182400	BIOS2	BIOLUMINESCENT REPORTER GENE ASSAYS TO INVESTIGATE EFFECTS OF SIMULATED MICROGRAVITY ON CACO-2 CELLS
182149	BIOS2	The smallest isoform of <i>Metridia longa</i> luciferase as a signal partner in hybrid biospecific probe for in vitro assay
183695	BIOS2	A FIREFLY LUCIFERASE DUAL COLOR BIOLUMINESCENCE REPORTER ASSAY USING TWO SUBSTRATES TO SIMULTANEOUSLY MONITOR TWO GENE EXPRESSION EVENTS
183651	BIOS2	Development of bioluminescence high-throughput screening system based on defense related gene expression to select the plant activators
182981	BIOS2	Development of a chemiluminescence probe by interaction of metallic ions with a triphenylimidazole derivative
181153	BIOS2	Bacterial luciferase from <i>Vibrio campbellii</i> as an alternative eukaryotic bioreporter system
179777	BIOS2	Bioluminescent SNP Identification Based on Color Variants of Obelin
184603	BIOS3	A bimodal bioluminescent calcium indicator toward spatiotemporally-scalable imaging
183664	BIOS3	A rapid and highly predictive chemiluminescent cell-based assay to monitor intracellular xanthine oxidase activity for the screening of natural inhibitors in living endothelial cells
181277	BIOS3	Advantage of NIR bioluminescence for in vivo imaging
181209	BIOS3	Construction of luminescent immunosensors using luciferase-fused Quenchbody
181195	BIOS3	Mutant firefly luciferase with enhanced oxidative luminescent activity improved the response of protein-protein interaction assay FilmPIA
167793	BIOS3	Shedding Light on the Biological Activity by Firefly Bioluminescence
214579	BIOS3	Bioluminescence selectively reports NMDA-dependent post-synaptic calcium dynamics
195319	BIOS3	Nanoprobes with persistent luminescence properties: applications in nanomedicine
183772	BIOS3	Dual color fluorescence of scale-worm <i>Lepidonotus squamatus</i> .
180370	BIOS3	Single photon spectral imaging using an energy-dispersive superconducting transition edge sensor.
180334	BIOS3	Bioluminescence enhancement by interactions of FMN and ATP with gold nanoparticles
182404	BIOS4	Use of <i>Macrolampis</i> sp2 firefly Luciferase to detect heavy metal toxicity
181305	BIOS4	SUITABILITY OF RECOMBINANT ZOPHOBAS MORIO LUCIFERASE-LIKE ENZYME FOR TOXICITY BIOASSAYS OF PHARMACEUTICAL COMPOUNDS
181181	BIOS4	Bacterial biosensor <i>E.coli</i> DPD2794 in the search for UV photo protective substances
170641	BIOS4	Aequorin as a reporter system for environmental monitoring in cyanobacteria
183681	BIOS5	LIFE BIO-MARKER DETECTION IN PLANETARY EXPLORATION: A NOVEL BIOSENSOR BASED ON CHEMILUMINESCENT DNA NANOMACHINE INTEGRATED WITH AMORPHOUS SILICON PHOTODIODES
183606	BIOS5	An ultrasensitive electrochemiluminescence sensor for detection of Pyridoxine based on Ru (bpy)32+ / Sm2O3 nanoparticle/ g-C3N4 /chitosan composite in human serum
183603	BIOS5	Ultra-weak chemiluminescence enhanced by facilely synthesized Co based on carbon nanostructures
180601	BIOS5	Trans-impedance Amplifier for ECL Analyzer
180299	BIOS5	Electrochemiluminescence imaging for the detection of blood glucose using a smartphone
179168	BIOS5	Cost-effective bipolar electrochemiluminescence devices
183945	BIOS6	Coupling HPTLC with bacterial genotoxicity whole-cell bioluminescent reporter
183028	BIOS6	BIOLUMINESCENT ENZYMES IN TESTING OF THE SOILS CONTAMINATION
181152	BIOS6	Chemo-enzymatic cascade reactions of flavin-dependent monooxygenase and firefly luciferase for detection of halogenated and nitro phenols
179399	BIOS6	Rapid Bioluminescent Enzymatic Assay for Toxicological Assessment of Metal Nanoparticles
183657	BIOS6	Viscosity-temperature dependence of enzymatic activity of bacterial luciferase coupled with NAD(P)H:FMN-oxidoreductase and the multi-enzyme system
182387	BIOS8	Exploiting a Chemiluminescence Method for the Determination of Ferrum in Oilfield Water and End Fitting of Reinforced Thermoplastic Pipe
180682	BIOS8	The effect of polyethylenimine-based sorbents on the luminescence of <i>Photobacterium phosphoreum</i>
188166	BL1	Chemiluminescence based a holistic line of action for kidney diseases management in Pakistan
179938	BL1	An effective way to aminoluciferin and its derivatives
179528	BL1	The active site microenvironment determines the color of emission in beetle luciferases
183587	BL1	Molecular dynamics simulations of viscosity effects on the structure of bacterial luciferase
183536	BL1	Theoretical study of fireflies light emitter and its analogs
192634	BL2	Excited state dynamics of oxyluciferin and its derivatives in water
183543	BL3	Observations on the North of Iran Fireflies.
181331	BL3	Fireflies in Japan and the DNA barcoding analysis
181241	BL3	Study on the possible meteorological factors of Japan's firefly bioluminescence occurrences
180302	BL4	SOME PROPERTIES OF LUMINESCENT SYSTEMS FROM DIFFERENT LUMINOUS BASIDIOMYCETES
188050	BL5	Light on the photocytes of a brittle star: a combinatorial microscopy approach
180430	BL5	Bioluminescence in the Humboldt squid
179438	BL5	Is <i>Photobacterium phosphoreum</i> ANT2200 Bioluminescence under Quorum sensing control?
178194	BL5	Improved Luciferins for <i>Oplophorus</i> -derived Luciferase
184229	BL5	The luminescence of the deep-sea shark, <i>Etmopterus spinax</i> is not bacterial.
183630	BL5	Abyssal bioluminescence
183572	BL5	Effects of bioluminescence on the plankton community
183093	BL5	An update on the Genomes of Luminous Organisms (GLO) initiative and other genomics collaborations.
182239	BL5	Luminescent control of Stomiidae photophores

181373	BL5	Elucidating luciferin coelenterazine biosynthesis
181266	BL5	DNA barcoding of luminous organism resources in Japan.
181019	BL5	A new spectacular but invasive species along the French coasts of the English Channel: Mnemiopsis leidyi (Agassiz, 1865).
179983	BL5	ATP POOL AND EMISSION PROPERTIES OF THE SYMBIOTIC BACTERIA PHOTOBACTERIUM PHOSPHOREUM ISOLATED FROM THE WHITE SEA
179441	BL5	BiolumArch: Bioluminescence applied to architecture - a fascinating biological phenomenon in the service of a sustainable Mediterranean habitat
178028	BL5	Improved luciferins for Oplophorus-derived luciferase
183686	BL6	Bioluminescence of 6'-aminoluciferin-analogues and beetle luciferases reveals distinct active site in Phrixotrix red-emitting luciferase and promising bioimaging applications
181392	BL6	Crystallographic structures of NanoLuc give a glimpse of its intrinsic dynamics
181163	BL6	pH effect study for exploring enzyme mechanisms of bioluminescence reaction of bacterial luciferase
181134	BL6	A protein related to the luminescence of the earthworm, Microscolex phosphoreus.
183605	BL6	The sequence of substrates binding and kinetic mode of the reaction catalyzed by bacterial luciferase
183601	BL6	Unfolding of the Photobacterium leiognathi luciferase by urea followed by time-resolved fluorescence
183464	BL6	Role of N- and C-terminal amino acid residues in bioluminescence of Ca2+-regulated photoprotein berovin
183289	BL6	Lux operon conservation patterns reveal specific structural properties relevant to functioning of the bacterial bioluminescent system
182805	BL6	Effect of temperature on the bioluminescence spectra of pH-sensitive luciferases: potential use as ratiometric biosensors
180262	BL6	Effects of N-Glycosylation Deletions on Cypridina Luciferase Activity
183534	BL7	Luciferin binding site residues affecting catalytic efficiency of Phrixotrix railroadworm red emitting luciferase
188257	BL8	Bioluminescence as the best way of modernization and internationalization of education system
183620	BL8	Portable School Laboratory Complex for Pollutants Detection
180474	BL8	Discovering Living Light- an educational project
179272	BL8	Bioluminescence in Germany
188278	BL8	The New Education Programs based on Bioluminescence at Siberian Federal University
188102	CLPL1	Carbon Dots Enhanced Chemiluminescence of Fenton System: Enhancement, Mechanism and Applications
180520	CLPL1	CHEMILUMINESCENT METHOD FOR THE DETERMINATION OF THE PHAGOCYTIC ACTIVITY OF BLOOD MONOCYTES FROM PATIENTS WITH GASTRIC AND DUODENAL EROSIONS AND ULCERS
180483	CLPL1	BIOLUMINESCENT TESTING THE BLOOD LYMPHOCYTES FOR RHINOSINUSITIS POLYPOSA PATIENTS
178598	CLPL1	Investigation of research papers published in the field of Application of Bioluminescence and Chemiluminescence to Flow Injection Analysis
180406	CLPL1	Determination of thiol compounds using a new technique in microfluidics-chemiluminescence methods
187545	CLPL2	Characteristics of the imidazole - transition metal complex for chemiluminescence with hydrogen peroxide
183555	CLPL2	Why some chemiluminescence transformations are highly efficient and others not?
183435	CLPL2	Mechanisms in Chemiluminescence: Base-induced Decomposition of Lophine Hydroperoxides
183160	CLPL2	Mechanisms in Chemiluminescence: the Peroxyoxalate Reaction in Methanol
182977	CLPL2	Mechanisms in Chemiluminescence: Base-catalyzed Reaction Between Thiazole Esters and Oxygen
180743	CLPL2	Copper(II) ethylenediamine complex as efficient catalysts of luminol chemiluminescence
180645	CLPL2	The kinetic study of lucigenin chemiluminescence in presence of some amine derivative via pooled intermediate model.
180554	CLPL2	Kinetic studies of the peroxyoxalate chemiluminescence in aqueous media.
179589	CLPL2	Can Solvent Polarity Modulate the Chemiexcitation Efficiency of Inter and Intramolecular Chemically Initiated Electron Exchange Luminescence?
179400	CLPL2	Development of a novel high specific and sensitive chemiluminescence assay for antioxidants using thiourea derivatives
183700	CLPL3	Click Beetle Luciferase for Synthesis and Stabilization of Metallic Nanoparticles: Potential Nanotechnological Applications
181844	CLPL3	Graphene Quantum Dots for Electrochemiluminescence and Chemiluminescence
183588	CLPL4	Highly Fluorescent and Stable Blue-Emitting Copper Nanoclusters Protected by Thiolated-PEG for Biosensor
182307	CLPL4	Photoswitchable Carbon-Dot assembly
182302	CLPL4	Self-Assembled Chiral Gold Nanoclusters for Enantiospecific Recognition of Carnitine
181529	CLPL4	Preparation, Characteristics, and applications of Carbon nanodots
183471	CLPL4	Self-Catalyzed, Self-Disintegrate of Fructose Oxidase-Mimicking MnOx/MnFe2O4 Nanocomposite
198214	ECL1	Polycrystalline cerium oxide as new material for electrochemiluminescence application.
198128	ECL1	Negative electrogenerated chemiluminescence imaging for single cell