

Vitaly Plavskii

List of Publications by Year in descending order

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17
papers

146
citations

1684188
5
h-index

1199594
12
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docs citations

17
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Porphyrins and flavins as endogenous acceptors of optical radiation of blue spectral region determining photoinactivation of microbial cells. Journal of Photochemistry and Photobiology B: Biology, 2018, 183, 172-183.	3.8	82
2	Spectral fluorescence and polarization characteristics of Z,Z-bilirubin IX β . Journal of Applied Spectroscopy, 2007, 74, 120-132.	0.7	15
3	Sensitizing effect of Z,Z-bilirubin IX β and its photoproducts on enzymes in model solutions. Journal of Applied Spectroscopy, 2008, 75, 407-419.	0.7	9
4	Apparatus for low-level laser therapy: modern status and development trends. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2007, 74, 246.	0.4	6
5	Effect of exposure of sturgeon roe to low-intensity laser radiation on the hardness of juvenile sturgeon. Journal of Applied Spectroscopy, 2008, 75, 241-250.	0.7	6
6	Effect of polarization and coherence of low-intensity optical radiation on fish embryos. Journal of Applied Spectroscopy, 2008, 75, 843-856.	0.7	6
7	How the biological activity of low-intensity laser radiation depends on its modulation frequency. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2008, 75, 546.	0.4	4
8	Comparative Effect of Low-Intensity Laser Radiation in Green and Red Spectral Regions on Functional Characteristics of Sturgeon Sperm. Photochemistry and Photobiology, 2020, 96, 1294-1313.	2.5	4
9	Effect of continuous wave, quasi-continuous wave and pulsed laser radiation on functional characteristics of fish spermatozoa. Journal of Photochemistry and Photobiology B: Biology, 2021, 216, 112112.	3.8	4
10	Spectral-luminescent properties of chlorin e 6 and malate dehydrogenase complexes. Journal of Applied Spectroscopy, 2004, 71, 818-828.	0.7	2
11	Antimicrobial photodynamic therapy: The impact of laser radiation on mucous tissue stained with photosensitizer methylene blue. Optics and Spectroscopy (English Translation of Optika i Tj ETQq1 1 0.784314 rgBT6/Overlap 10 Tf 50	0.7	2
12	Spectral Range Optimization to Enhance the Effectiveness of Phototherapy for Neonatal Hyperbilirubinemia. Journal of Applied Spectroscopy, 2017, 84, 92-102.	0.7	2
13	Biological Effect of Continuous, Quasi-Continuous and Pulsed Laser Radiation. KnE Energy, 2018, 3, 386.	0.3	2
14	Regularities of Bonding of Chlorin e6 to the Oligomeric Enzyme Lactate Dehydrogenase. Journal of Applied Spectroscopy, 2003, 70, 913-920.	0.7	1
15	Mechanism of complexing of chlorin e 6 and tetra(p-carboxyphenyl)porphyrin with malate dehydrogenase. Journal of Applied Spectroscopy, 2005, 72, 117-125.	0.7	1
16	Formation of an Equilibrium Complex of Lactate Dehydrogenase with Chlorin e6. Journal of Applied Spectroscopy, 2003, 70, 758-764.	0.7	0
17	Modeling laser irradiation conditions for mucosal tissues in antimicrobial photodynamic therapy. Journal of Applied Spectroscopy, 2012, 79, 288-295.	0.7	0