

# Asheesh Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

3,416  
citations

279798

23  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

5015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial strategies centered around reactive oxygen species – bactericidal antibiotics, photodynamic therapy, and beyond. <i>FEMS Microbiology Reviews</i> , 2013, 37, 955-989.	8.6	785
2	Low-level laser (light) therapy (LLLT) in skin: stimulating, healing, restoring. <i>Seminars in Cutaneous Medicine and Surgery</i> , 2013, 32, 41-52.	1.6	356
3	Medicinal and therapeutic potential of Sea buckthorn ( <i>Hippophae rhamnoides</i> L.). <i>Journal of Ethnopharmacology</i> , 2011, 138, 268-278.	4.1	331
4	Blue light for infectious diseases: <i>Propionibacterium acnes</i> , <i>Helicobacter pylori</i> , and beyond?. <i>Drug Resistance Updates</i> , 2012, 15, 223-236.	14.4	258
5	Blue Light Rescues Mice from Potentially Fatal <i>Pseudomonas aeruginosa</i> Burn Infection: Efficacy, Safety, and Mechanism of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1238-1245.	3.2	187
6	Antioxidant, cytoprotective and antibacterial effects of Sea buckthorn ( <i>Hippophae rhamnoides</i> L.) leaves. <i>Food and Chemical Toxicology</i> , 2010, 48, 3443-3448.	3.6	158
7	Bacterial Photodynamic Inactivation Mediated by Methylene Blue and Red Light Is Enhanced by Synergistic Effect of Potassium Iodide. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5203-5212.	3.2	136
8	Effect of red and near-infrared wavelengths on low-level laser (light) therapy-induced healing of partial-thickness dermal abrasion in mice. <i>Lasers in Medical Science</i> , 2014, 29, 257-265.	2.1	120
9	Ultraviolet Radiation in Wound Care: Sterilization and Stimulation. <i>Advances in Wound Care</i> , 2013, 2, 422-437.	5.1	104
10	Shining light on nanotechnology to help repair and regeneration. <i>Biotechnology Advances</i> , 2013, 31, 607-631.	11.7	96
11	Mechanism of Wound-Healing Activity of <i>Hippophae rhamnoides</i> L. Leaf Extract in Experimental Burns. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	1.2	81
12	A Preclinical Study of the Effects of Seabuckthorn ( <i>Hippophae rhamnoides</i> L.) Leaf Extract on Cutaneous Wound Healing in Albino Rats. <i>International Journal of Lower Extremity Wounds</i> , 2005, 4, 88-92.	1.1	77
13	Antioxidant status during cutaneous wound healing in immunocompromised rats. <i>Molecular and Cellular Biochemistry</i> , 2002, 241, 1-7.	3.1	75
14	Noninvasive red and near-infrared wavelength-induced photobiomodulation: promoting impaired cutaneous wound healing. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2017, 33, 4-13.	1.5	74
15	A polyherbal formulation accelerates normal and impaired diabetic wound healing. <i>Wound Repair and Regeneration</i> , 2008, 16, 784-790.	3.0	73
16	Superpulsed (Ga-As, 904 nm) low-level laser therapy (LLLT) attenuates inflammatory response and enhances healing of burn wounds. <i>Journal of Biophotonics</i> , 2015, 8, 489-501.	2.3	72
17	Influence of sea buckthorn ( <i>Hippophae rhamnoides</i> L.) flavone on dermal wound healing in rats. <i>Molecular and Cellular Biochemistry</i> , 2006, 290, 193-198.	3.1	71
18	Photobiomodulation with Pulsed and Continuous Wave Near-Infrared Laser (810 nm, Al-Ga-As) Augments Dermal Wound Healing in Immunosuppressed Rats. <i>PLoS ONE</i> , 2016, 11, e0166705.	2.5	68

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19	Nitrofurazone-loaded PVA-PEG semi-IPN for application as hydrogel dressing for normal and burn wounds. <i>Journal of Applied Polymer Science</i> , 2013, 128, 4031-4039.	2.6	38
20	Effects of <i>Rhodiola imbricata</i> on Dermal Wound Healing. <i>Planta Medica</i> , 2007, 73, 774-777.	1.3	35
21	Combination of medicinal honey and 904-nm superpulsed laser-mediated photobiomodulation promotes healing and impedes inflammation, pain in full-thickness burn. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 186, 152-159.	3.8	35
22	Energy metabolism in the granulation tissue of diabetic rats during cutaneous wound healing. <i>Molecular and Cellular Biochemistry</i> , 2005, 270, 71-77.	3.1	28
23	Photobiomodulatory effects of superpulsed 904 nm laser therapy on bioenergetics status in burn wound healing. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 77-85.	3.8	25
24	Energy metabolism during cutaneous wound healing in immunocompromised and aged rats. <i>Molecular and Cellular Biochemistry</i> , 2004, 259, 9-14.	3.1	19
25	Evaluation of hepatic metabolism and pharmacokinetics of ibuprofen in rats under chronic hypobaric hypoxia for targeted therapy at high altitude. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 114-122.	2.8	15
26	Glucose-6-phosphate dehydrogenase is critical for suppression of cardiac hypertrophy by H <sub>2</sub> S. <i>Cell Death Discovery</i> , 2018, 4, 6.	4.7	14
27	Effects of Pulsed 810-nm AlGaAs Diode Laser on Wound Healing Under Immunosuppression: A Molecular Insight. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 424-436.	2.1	13
28	Role of 904-nm superpulsed laser-mediated photobiomodulation on nitroxidative stress and redox homeostasis in burn wound healing. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2020, 36, 208-218.	1.5	13
29	Hepatic metabolism of ibuprofen in rats under acute hypobaric hypoxia. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 751-758.	2.1	11
30	An investigation study of gelatin release from semi-interpenetrating polymeric network hydrogel patch for excision wound healing on Wistar rat model. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	9
31	Photobiomodulation effects of pulsed-NIR laser (810-nm) and LED (808±3-nm) with identical treatment regimen on burn wound healing: A quantitative label-free global proteomic approach. <i>Journal of Photochemistry and Photobiology</i> , 2021, 6, 100024.	2.5	9
32	Superpulsed 904-nm laser photobiomodulation combined with coenzyme Q10 synergistically augment burn wound healing. <i>Journal of Photochemistry and Photobiology</i> , 2021, 7, 100053.	2.5	7
33	Wound Healing Activity of an Aqueous Extract of the Lingzhi or Reishi Medicinal Mushroom <i>Ganoderma lucidum</i> (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2014, 16, 345-354.	1.5	7
34	Hippophae rhamnoides L. leaf extract diminishes oxidative stress, inflammation and ameliorates bioenergetic activation in full-thickness burn wound healing. <i>Phytomedicine Plus</i> , 2022, 2, 100292.	2.0	6
35	Effects of Microwave 10 GHz Radiation Exposure in the Skin of Rats: An Insight on Molecular Responses. <i>Radiation Research</i> , 2021, 196, 404-416.	1.5	5
36	Non-thermal Therapeutic Applications of Light. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2018, 88, 473-478.	1.2	3

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37	X-Band Microwave Radiation Induced Biological Effects in Rats Skin: Plausible Role of Heat Shock Proteins. , 2018, , .		2
38	Role of H2S Supplementation on Burn Wound Healing and Molecular Chaperones. Defence Life Science Journal, 2021, 6, 171-176.	0.3	0
39	Effect of Pulsed 810 nm Laser Photobiomodulation on Dermal Wound Healing and Oxidative Stress in Immunosuppressed Rats. Defence Life Science Journal, 2021, 6, 122-127.	0.3	0