

# Michael Atlan

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

828  
citations

516710

16  
h-index

501196

28  
g-index

57  
all docs

57  
docs citations

57  
times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital holography with ultimate sensitivity. <i>Optics Letters</i> , 2007, 32, 909.	3.3	89
2	Breast implant surface texture impacts host tissue response. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 88, 377-385.	3.1	72
3	The Integrase Inhibitors Dolutegravir and Raltegravir Exert Proadipogenic and Profibrotic Effects and Induce Insulin Resistance in Human/Simian Adipose Tissue and Human Adipocytes. <i>Clinical Infectious Diseases</i> , 2020, 71, e549-e560.	5.8	72
4	Photothermal heterodyne holography of gold nanoparticles. <i>Optics Express</i> , 2010, 18, 780.	3.4	69
5	Metformin alleviates stress-induced cellular senescence of aging human adipose stromal cells and the ensuing adipocyte dysfunction. <i>ELife</i> , 2021, 10, .	6.0	39
6	Postoperative complications of male to female sex reassignment surgery: A 10-year French retrospective study. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2019, 64, 24-32.	0.6	37
7	Breast-Associated Adipocytes Secretome Induce Fatty Acid Uptake and Invasiveness in Breast Cancer Cells via CD36 Independently of Body Mass Index, Menopausal Status and Mammary Density. <i>Cancers</i> , 2019, 11, 2012.	3.7	35
8	Characterization of Breast Implant Surfaces, Shapes, and Biomechanics: A Comparison of High Cohesive Anatomically Shaped Textured Silicone, Breast Implants from Three Different Manufacturers. <i>Aesthetic Plastic Surgery</i> , 2016, 40, 89-97.	0.9	32
9	Noise and aliases in off-axis and phase-shifting holography. <i>Applied Optics</i> , 2008, 47, 1757.	2.1	31
10	A New Synthetic Model for Microvascular Anastomosis Training? A Randomized Comparative Study Between Silicone and Polyvinyl Alcohol Gelatin Tubes. <i>Journal of Surgical Education</i> , 2018, 75, 182-187.	2.5	31
11	Impact of HIV/simian immunodeficiency virus infection and viral proteins on adipose tissue fibrosis and adipogenesis. <i>Aids</i> , 2019, 33, 953-964.	2.2	31
12	Choroidal vasculature imaging with laser Doppler holography. <i>Biomedical Optics Express</i> , 2019, 10, 995.	2.9	27
13	In vivo laser Doppler holography of the human retina. <i>Biomedical Optics Express</i> , 2018, 9, 4113.	2.9	26
14	Design, characterization and in vivo performance of synthetic 2â€mm-diameter vessel grafts made of PVA-gelatin blends. <i>Scientific Reports</i> , 2018, 8, 7417.	3.3	20
15	Waveform analysis of human retinal and choroidal blood flow with laser Doppler holography. <i>Biomedical Optics Express</i> , 2019, 10, 4942.	2.9	18
16	SIV Infection and the HIV Proteins Tat and Nef Induce Senescence in Adipose Tissue and Human Adipose Stem Cells, Resulting in Adipocyte Dysfunction. <i>Cells</i> , 2020, 9, 854.	4.1	17
17	Imaging velocities of a vibrating object by stroboscopic sideband holography. <i>Optics Express</i> , 2012, 20, 22860.	3.4	16
18	Contribution of thermal imaging in determining the depth of pediatric acute burns. <i>Burns</i> , 2020, 46, 1091-1099.	1.9	13

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19	Spatio-temporal filtering in laser Doppler holography for retinal blood flow imaging. <i>Biomedical Optics Express</i> , 2020, 11, 3274.	2.9	13
20	Inhibition of Adipose Tissue Beiging by HIV Integrase Inhibitors, Dolutegravir and Bictegravir, Is Associated with Adipocyte Hypertrophy, Hypoxia, Elevated Fibrosis, and Insulin Resistance in Simian Adipose Tissue and Human Adipocytes. <i>Cells</i> , 2022, 11, 1841.	4.1	13
21	Endoscopic DIEP flap dissection (eDIEP): An experimental cadaveric study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 1149-1151.	1.0	12
22	High speed optical holography of retinal blood flow. <i>Optics Letters</i> , 2016, 41, 3503.	3.3	10
23	Coverage of radial forearm flap donor site with full thickness skin graft and Matriderm®: An alternative reliable solution?. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2020, 65, 213-218.	0.6	10
24	Primary Breast Augmentation with Autologous Fat Grafting Alone: Evaluation of Patient Satisfaction Using the BREAST-Q. <i>Aesthetic Surgery Journal</i> , 2020, 40, 1196-1204.	1.6	10
25	A multi-topographical-instrument analysis: the breast implant texture measurement. <i>Surface Topography: Metrology and Properties</i> , 2017, 5, 025004.	1.6	7
26	Intra- and Inter-Shell Roughness Variability of Breast Implant Surfaces. <i>Aesthetic Surgery Journal</i> , 2020, 40, NP324-NP326.	1.6	7
27	Retinal blood flow reversal quantitatively monitored in out-of-plane vessels with laser Doppler holography. <i>Scientific Reports</i> , 2021, 11, 17828.	3.3	6
28	Intrascrotal injection of botulinum toxin A, a male genital aesthetic demand: Technique and limits. <i>Progres En Urologie</i> , 2020, 30, 312-317.	0.8	5
29	Surface Texturization of Breast Implants Impacts Extracellular Matrix and Inflammatory Gene Expression in Asymptomatic Capsules. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 542e-551e.	1.4	4
30	Breast-conserving therapy can be offered to women with prior breast augmentation. <i>European Journal of Surgical Oncology</i> , 2020, 46, 1456-1462.	1.0	4
31	Short-time Fourier transform laser Doppler holography. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 8, .	1.9	3
32	Reverse contrast laser Doppler holography for lower frame rate retinal and choroidal blood flow imaging. <i>Optics Letters</i> , 2020, 45, 4012.	3.3	3
33	Surgical treatment of transsphincteric anal fistulas with the Fat GRAFT technique: a minimally invasive procedure. <i>Colorectal Disease</i> , 2017, 19, e316-e319.	1.4	2
34	Off-axis digital holography with multiplexed volume Bragg gratings. <i>Applied Optics</i> , 2018, 57, 3281.	1.8	2
35	Video-rate computational heterodyne holography. <i>Optics Letters</i> , 2014, 39, 2090.	3.3	1
36	Use of Integra Flowable Wound Matrix for nasal dorsum reconstruction or augmentation: A series of 6 cases. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 848-862.	1.0	1

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37	Lower rates of lipofilling sessions in latissimus dorsi flap breast reconstruction with initial higher volume transfer by preservation of subfascial fat: A 3D camera-assisted volumetric case series. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 681-689.	1.0	1
38	Lessons Learned From Twenty-Eight Cases of Burns Following Breast Reconstruction: An Underestimated Complication Requiring Inclusion in Consent Information. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP773-NP779.	1.6	1
39	Laser Doppler holography of the anterior segment for blood flow imaging, eye tracking, and transparency assessment. <i>Biomedical Optics Express</i> , 2021, 12, 4478-4495.	2.9	1
40	Sutureless venous microanastomosis using thermosensitive poloxamer and cyanoacrylate: experimental study on a rat model. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, , .	1.0	1
41	Motion Compensation In Digital Holography For Retinal Imaging. , 2019, , .		0
42	Three-stage post-oncological reconstruction of the scalp using a dermal-assisted skin graft, adipose tissue graft and follicular graft: A clinical case. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2019, 64, 86-88.	0.6	0
43	Bilateral pure adipose free flap for aesthetic purposes replacing infected malar implants: About a case and review of the literature. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2020, 65, 171-175.	0.6	0
44	Is the mastectomy flap thickness a good predictor of nipple areolar complex suffering? A radiological study of 73 breasts before nipple sparing mastectomy.. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 783-808.	1.0	0
45	Improvement in home-staging three-dimensional virtual surgical planning via webinar during the COVID-19 pandemic. <i>Surgery Today</i> , 2020, 50, 1549-1550.	1.5	0
46	Anterolateral thigh free flap with extended pedicle for the secondary reconstruction of a large thoracolumbar wall defect. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2020, 65, 163-166.	0.6	0
47	A CD31-Derived Peptide Prevents the Development of Antibody-Mediated Lesions in a Rat Model of Aortic Allograft. <i>Transplantation Proceedings</i> , 2021, 53, 746-749.	0.6	0
48	Analysis of retinal and choroidal images measured by laser Doppler holography. , 2019, , .		0
49	High resolution laser Doppler holography of retinal blood flow by spatiotemporal eigenvalue filtering and rephasing. , 2020, , .		0
50	Vascular occlusion monitoring in the eye fundus by laser Doppler holography. , 2020, , .		0