

# Stefania Biffi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50  
papers

953  
citations

21  
h-index

29  
g-index

54  
ext. papers

1,143  
ext. citations

5.4  
avg, IF

4.02  
L-index

#	Paper	IF	Citations
50	In vivo distribution of $\alpha$ glycoprotein I under various pathophysiologic conditions. <i>Blood</i> , <b>2011</b> , 118, 4231-8	2.2	89
49	Synthesis of Lipophilic Core-Shell FeO@SiO@Au Nanoparticles and Polymeric Entrapment into Nanomicelles: A Novel Nanosystem for in Vivo Active Targeting and Magnetic Resonance-Photoacoustic Dual Imaging. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 1382-1390	6.3	52
48	The proline-rich peptide Bac7(1-35) reduces mortality from Salmonella typhimurium in a mouse model of infection. <i>BMC Microbiology</i> , <b>2010</b> , 10, 178	4.5	49
47	Bispecific antibodies targeting tumor-associated antigens and neutralizing complement regulators increase the efficacy of antibody-based immunotherapy in mice. <i>Leukemia</i> , <b>2015</b> , 29, 406-14	10.7	42
46	Applications of nanoparticles in cancer medicine and beyond: optical and multimodal in vivo imaging, tissue targeting and drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 1837-49	8	38
45	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2559-67		37
44	Imaging and therapy of ovarian cancer: clinical application of nanoparticles and future perspectives. <i>Theranostics</i> , <b>2018</b> , 8, 4279-4294	12.1	37
43	NIR-labeled nanoparticles engineered for brain targeting: in vivo optical imaging application and fluorescent microscopy evidences. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 145-53	4.3	36
42	Quantitative evaluation of a single-distance phase-retrieval method applied on in-line phase-contrast images of a mouse lung. <i>Journal of Synchrotron Radiation</i> , <b>2014</b> , 21, 784-9	2.4	35
41	Actively targeted nanocarriers for drug delivery to cancer cells. <i>Expert Opinion on Drug Delivery</i> , <b>2019</b> , 16, 481-496	8	34
40	Dendritic polyglycerolsulfate near infrared fluorescent (NIRF) dye conjugate for non-invasively monitoring of inflammation in an allergic asthma mouse model. <i>PLoS ONE</i> , <b>2013</b> , 8, e57150	3.7	33
39	Cubosomes for in vivo fluorescence lifetime imaging. <i>Nanotechnology</i> , <b>2017</b> , 28, 055102	3.4	32
38	Cubosomes stabilized by a polyphosphoester-analog of Pluronic F127 with reduced cytotoxicity. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 580, 286-297	9.3	29
37	Recent advances of non-lamellar lyotropic liquid crystalline nanoparticles in nanomedicine. <i>Current Opinion in Colloid and Interface Science</i> , <b>2020</b> , 48, 28-39	7.6	28
36	New potential therapeutic approach for the treatment of B-Cell malignancies using chlorambucil/hydroxychloroquine-loaded anti-CD20 nanoparticles. <i>PLoS ONE</i> , <b>2013</b> , 8, e74216	3.7	27
35	Dexamethasone Conjugation to Biodegradable Avidin-Nucleic-Acid-Nano-Assemblies Promotes Selective Liver Targeting and Improves Therapeutic Efficacy in an Autoimmune Hepatitis Murine Model. <i>ACS Nano</i> , <b>2019</b> , 13, 4410-4423	16.7	24
34	Functionalized synchrotron in-line phase-contrast computed tomography: a novel approach for simultaneous quantification of structural alterations and localization of barium-labelled alveolar macrophages within mouse lung samples. <i>Journal of Synchrotron Radiation</i> , <b>2015</b> , 22, 143-55	2.4	24

33	The one-step synthesis and surface functionalization of dumbbell-like gold-iron oxide nanoparticles: a chitosan-based nanotheranostic system. <i>Chemical Communications</i> , <b>2016</b> , 52, 378-81	5.8	24
32	Conjugated PDT drug: photosensitizing activity and tissue distribution of PEGylated pheophorbide a. <i>Cancer Biology and Therapy</i> , <b>2010</b> , 10, 471-82	4.6	24
31	In Vivo Biodistribution and Lifetime Analysis of Cy5.5-Conjugated Rituximab in Mice Bearing Lymphoid Tumor Xenograft Using Time-Domain Near-Infrared Optical Imaging. <i>Molecular Imaging</i> , <b>2008</b> , 7, 7290.2008.00028	3.7	23
30	Targeted tumor imaging of anti-CD20-polymeric nanoparticles developed for the diagnosis of B-cell malignancies. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 4099-109	7.3	21
29	Multimodal near-infrared-emitting PluS Silica nanoparticles with fluorescent, photoacoustic, and photothermal capabilities. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 4865-4874	7.3	18
28	Multiple dye-doped NIR-emitting silica nanoparticles for both flow cytometry and in vivo imaging. <i>RSC Advances</i> , <b>2014</b> , 4, 18278-18285	3.7	17
27	Two novel cosegregating mutations in tRNAMet and COX III, in a patient with exercise intolerance and autoimmune polyendocrinopathy. <i>Mitochondrion</i> , <b>2009</b> , 9, 123-9	4.9	17
26	Carbohydrate-deficient transferrin (CDT) as a biochemical tool for the screening of congenital disorders of glycosylation (CDGs). <i>Clinical Biochemistry</i> , <b>2007</b> , 40, 1431-4	3.5	17
25	Targeting CD34 cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , <b>2019</b> , 103, 102288	15.5	14
24	Intranasal administration of recombinant TRAIL down-regulates CXCL-1/KC in an ovalbumin-induced airway inflammation murine model. <i>PLoS ONE</i> , <b>2014</b> , 9, e115387	3.7	14
23	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1093	8.4	13
22	In vivo biodistribution and lifetime analysis of cy5.5-conjugated rituximab in mice bearing lymphoid tumor xenograft using time-domain near-infrared optical imaging. <i>Molecular Imaging</i> , <b>2008</b> , 7, 272-82	3.7	13
21	TRAIL reduces impaired glucose tolerance and NAFLD in the high-fat diet fed mouse. <i>Clinical Science</i> , <b>2018</b> , 132, 69-83	6.5	12
20	PMM2-CDG: phenotype and genotype in four affected family members. <i>Gene</i> , <b>2013</b> , 531, 506-9	3.8	11
19	In vivo tracking of murine adipose tissue-derived multipotent adult stem cells and ex vivo cross-validation. <i>International Journal of Molecular Imaging</i> , <b>2013</b> , 2013, 426961		9
18	Nanotechnology-Based Cisplatin Intracellular Delivery to Enhance Chemo-Sensitivity of Ovarian Cancer. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4793-4810	7.3	8
17	Two novel POLG mutations causing hepatic mitochondrial DNA depletion with recurrent hypoketotic hypoglycaemia and fatal liver dysfunction. <i>Digestive and Liver Disease</i> , <b>2009</b> , 41, 494-9	3.3	7
16	Advanced photodynamic therapy with an engineered M13 phage targeting EGFR: Mitochondrial localization and autophagy induction in ovarian cancer cell lines. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 179, 242-242	7.8	6

15	Quantification of heteroplasmic mitochondrial DNA mutations for DNA samples in the low picogram range by nested real-time ARMS-qPCR. <i>Diagnostic Molecular Pathology</i> , <b>2011</b> , 20, 117-22		5
14	Glutaryl-7-ACA acylase catalyses the synthesis of amide bond in heterogeneous substrate mixtures. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2002</b> , 19-20, 135-141		5
13	Meniscal Ossicles as micro-CT Imaging Biomarker in a Rodent Model of Antigen-Induced Arthritis: a Synchrotron-Based X-ray Pilot Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 7544	4.9	4
12	Proteins involved in oxidative stress in leiomyoma tissues treated with ulipristal acetate. <i>Molecular Medicine Reports</i> , <b>2021</b> , 23,	2.9	4
11	Two Dimensional-Difference in Gel Electrophoresis (2D-DIGE) Proteomic Approach for the Identification of Biomarkers in Endometrial Cancer Serum. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
10	In vitro treatment of congenital disorder of glycosylation type Ia using PLGA nanoparticles loaded with GDP-Man. <i>International Journal of Molecular Medicine</i> , <b>2019</b> , 44, 262-272	4.4	3
9	Potential of curcumin-loaded cubosomes for topical treatment of cervical cancer.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 620, 419-430	9.3	3
8	Comparison between Different Diagnostic Strategies in Low-Risk Reproductive Age and Pre-Menopausal Women Presenting Abnormal Uterine Bleeding. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	2
7	Small extracellular vesicles from malignant ascites of patients with advanced ovarian cancer provide insights into the dynamics of the extracellular matrix. <i>Molecular Oncology</i> , <b>2021</b> , 15, 3596-3614	7.9	1
6	Alterations in Trabecular Bone Architecture and Cartilages in Rats with Antigen-Induced Arthritis (AIA) Resulting from Synchrotron-Based X-Ray Imaging Analysis. <i>IFMBE Proceedings</i> , <b>2016</b> , 409-413	0.2	1
5	Case-control study to develop and validate a questionnaire for the secondary prevention of endometriosis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230828	3.7	1
4	Cotyledonoid Leiomyoma Clinical Characteristics, Imaging Features, and Review of the Literature. <i>Journal of Ultrasound in Medicine</i> , <b>2021</b> , 40, 1459-1469	2.9	0
3	Bioimaging Applications of Non-Lamellar Liquid Crystalline Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2021</b> , 21, 2742-2759	1.3	0
2	Quantification of structural alterations in lung disease: proposed analysis methodology of CT scans of preclinical mouse models and patients. <i>Biomedical Physics and Engineering Express</i> , <b>2015</b> , 1, 035201	1.5	0
1	New Therapeutic Approach for the Treatment of B-Cell Disorders Using Chlorambucil/Hydroxychloroquine-Loaded AntiCD20 Nanoparticles. <i>Blood</i> , <b>2012</b> , 120, 158-158	2.2	