

Stefania Biffi

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,314
citations

279487

23
h-index

377514

34
g-index

54
all docs

54
docs citations

54
times ranked

2506
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo distribution of 125 I glycoprotein I under various pathophysiologic conditions. <i>Blood</i> , 2011, 118, 4231-4238.	0.6	113
2	Bispecific antibodies targeting tumor-associated antigens and neutralizing complement regulators increase the efficacy of antibody-based immunotherapy in mice. <i>Leukemia</i> , 2015, 29, 406-414.	3.3	64
3	Synthesis of Lipophilic Core-Shell $Fe_3O_4@SiO_2@Au$ Nanoparticles and Polymeric Entrapment into Nanomicelles: A Novel Nanosystem for in Vivo Active Targeting and Magnetic Resonance-Photoacoustic Dual Imaging. <i>Bioconjugate Chemistry</i> , 2017, 28, 1382-1390.	1.8	61
4	The proline-rich peptide Bac7(1-35) reduces mortality from <i>Salmonella typhimurium</i> in a mouse model of infection. <i>BMC Microbiology</i> , 2010, 10, 178.	1.3	53
5	Actively targeted nanocarriers for drug delivery to cancer cells. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 481-496.	2.4	52
6	Recent advances of non-lamellar lyotropic liquid crystalline nanoparticles in nanomedicine. <i>Current Opinion in Colloid and Interface Science</i> , 2020, 48, 28-39.	3.4	52
7	Cubosomes stabilized by a polyphosphoester-analog of Pluronic F127 with reduced cytotoxicity. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 286-297.	5.0	49
8	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> , 2014, 21, 784-789.	1.0	47
9	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> , 2019, 13, 4410-4423.	7.3	47
10	Imaging and therapy of ovarian cancer: clinical application of nanoparticles and future perspectives. <i>Theranostics</i> , 2018, 8, 4279-4294.	4.6	46
11	NIR-labeled nanoparticles engineered for brain targeting: in vivo optical imaging application and fluorescent microscopy evidences. <i>Journal of Neural Transmission</i> , 2011, 118, 145-153.	1.4	45
12	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> , 2015, 12, 1837-1849.	2.4	44
13	Cubosomes for in vivo fluorescence lifetime imaging. <i>Nanotechnology</i> , 2017, 28, 055102.	1.3	44
14	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , 2012, 64, 2559-2567.	6.7	39
15	New Potential Therapeutic Approach for the Treatment of B-Cell Malignancies Using Chlorambucil/Hydroxychloroquine-Loaded Anti-CD20 Nanoparticles. <i>PLoS ONE</i> , 2013, 8, e74216.	1.1	34
16	Dendritic Polyglycerolsulfate Near Infrared Fluorescent (NIRF) Dye Conjugate for Non-Invasively Monitoring of Inflammation in an Allergic Asthma Mouse Model. <i>PLoS ONE</i> , 2013, 8, e57150.	1.1	34
17	Targeting CD34+ cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2019, 103, 102288.	3.0	33
18	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> , 2008, 7, 7290.2008.00028.	0.7	29

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19	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> , 2015, 22, 143-155.	1.0	27
20	The one-step synthesis and surface functionalization of dumbbell-like gold-iron oxide nanoparticles: a chitosan-based nanotheranostic system. <i>Chemical Communications</i> , 2016, 52, 378-381.	2.2	27
21	Targeted tumor imaging of anti-CD20-polymeric nanoparticles developed for the diagnosis of B-cell malignancies. <i>International Journal of Nanomedicine</i> , 2015, 10, 4099.	3.3	26
22	Potential of curcumin-loaded cubosomes for topical treatment of cervical cancer. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 419-430.	5.0	26
23	Conjugated PDT drug: Photosensitizing activity and tissue distribution of PEGylated pheophorbide. <i>Cancer Biology and Therapy</i> , 2010, 10, 471-482.	1.5	25
24	Multimodal near-infrared-emitting PluS Silica nanoparticles with fluorescent, photoacoustic, and photothermal capabilities. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4865-4874.	3.3	23
25	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> , 2022, 179, 242-251.	1.3	21
26	Carbohydrate-deficient transferrin (CDT) as a biochemical tool for the screening of congenital disorders of glycosylation (CDGs). <i>Clinical Biochemistry</i> , 2007, 40, 1431-1434.	0.8	20
27	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , 2017, 8, 1093.	2.2	20
28	Multiple dye-doped NIR-emitting silica nanoparticles for both flow cytometry and in vivo imaging. <i>RSC Advances</i> , 2014, 4, 18278-18285.	1.7	18
29	Nanotechnology-Based Cisplatin Intracellular Delivery to Enhance Chemo-Sensitivity of Ovarian Cancer. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4793-4810.	3.3	18
30	Two novel cosegregating mutations in tRNAMet and COX III, in a patient with exercise intolerance and autoimmune polyendocrinopathy. <i>Mitochondrion</i> , 2009, 9, 123-129.	1.6	17
31	TRAIL reduces impaired glucose tolerance and NAFLD in the high-fat diet fed mouse. <i>Clinical Science</i> , 2018, 132, 69-83.	1.8	16
32	Intranasal Administration of Recombinant TRAIL Down-Regulates CXCL-1/KC in an Ovalbumin-Induced Airway Inflammation Murine Model. <i>PLoS ONE</i> , 2014, 9, e115387.	1.1	15
33	PMM2-CDG: Phenotype and genotype in four affected family members. <i>Gene</i> , 2013, 531, 506-509.	1.0	14
34	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> , 2008, 7, 272-82.	0.7	14
35	Two Dimensional-Difference in Gel Electrophoresis (2D-DIGE) Proteomic Approach for the Identification of Biomarkers in Endometrial Cancer Serum. <i>Cancers</i> , 2021, 13, 3639.	1.7	13
36	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> , 2021, 15, 3596-3614.	2.1	12

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37	In Vivo Tracking of Murine Adipose Tissue-Derived Multipotent Adult Stem Cells and Ex Vivo Cross-Validation. <i>International Journal of Molecular Imaging</i> , 2013, 2013, 1-13.	1.3	10
38	Glutaryl-7-ACA acylase catalyses the synthesis of amide bond in heterogeneous substrate mixtures. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 19-20, 135-141.	1.8	8
39	Two novel POLG mutations causing hepatic mitochondrial DNA depletion with recurrent hypoketotic hypoglycaemia and fatal liver dysfunction. <i>Digestive and Liver Disease</i> , 2009, 41, 494-499.	0.4	8
40	The Management of the Cotyledonoid Leiomyoma of the Uterus: A Narrative Review of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8521.	1.2	7
41	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> , 2017, 7, 7544.	1.6	6
42	Proteins involved in oxidative stress in leiomyoma tissues treated with ulipristal acetate. <i>Molecular Medicine Reports</i> , 2020, 23, 1-1.	1.1	6
43	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> , 2011, 20, 117-122.	2.1	5
44	Cotyledonoid Leiomyoma Clinical Characteristics, Imaging Features, and Review of the Literature. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 1459-1469.	0.8	5
45	Case-control study to develop and validate a questionnaire for the secondary prevention of endometriosis. <i>PLoS ONE</i> , 2020, 15, e0230828.	1.1	4
46	In vitro treatment of congenital disorder of glycosylation type Ia using PLGA nanoparticles loaded with GDP-Man. <i>International Journal of Molecular Medicine</i> , 2019, 44, 262-272.	1.8	4
47	Exploiting Extracellular Vesicles Strategies to Modulate Cell Death and Inflammation in COVID-19. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
48	Comparison between Different Diagnostic Strategies in Low-Risk Reproductive Age and Pre-Menopausal Women Presenting Abnormal Uterine Bleeding. <i>Diagnostics</i> , 2020, 10, 884.	1.3	2
49	Bioimaging Applications of Non-Lamellar Liquid Crystalline Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 2742-2759.	0.9	1
50	Quantification of structural alterations in lung disease—a proposed analysis methodology of CT scans of preclinical mouse models and patients. <i>Biomedical Physics and Engineering Express</i> , 2015, 1, 035201.	0.6	0
51	New Therapeutic Approach for the Treatment of B-Cell Disorders Using Chlorambucil/Hydroxychloroquine-Loaded AntiCD20 Nanoparticles. <i>Blood</i> , 2012, 120, 158-158.	0.6	0