

Alfonso Barbarisi

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,408
citations

236925

25
h-index

206112

48
g-index

50
all docs

50
docs citations

50
times ranked

3934
citing authors

#	ARTICLE	IF	CITATIONS
1	From Cell-ECM interactions to tissue engineering. <i>Journal of Cellular Physiology</i> , 2004, 199, 174-180.	4.1	565
2	Smart materials as scaffolds for tissue engineering. <i>Journal of Cellular Physiology</i> , 2005, 203, 465-470.	4.1	317
3	A critical overview of ESEM applications in the biological field. <i>Journal of Cellular Physiology</i> , 2005, 205, 328-334.	4.1	179
4	Therapy with autologous adipose-derived regenerative cells for the care of chronic ulcer of lower limbs in patients with peripheral arterial disease. <i>Journal of Surgical Research</i> , 2013, 185, 36-44.	1.6	126
5	Cancer and anticancer therapy-induced modifications on metabolism mediated by carnitine system. <i>Journal of Cellular Physiology</i> , 2000, 182, 339-350.	4.1	121
6	17-B estradiol elicits an autocrine leiomyoma cell proliferation: Evidence for a stimulation of protein kinase-dependent pathway. <i>Journal of Cellular Physiology</i> , 2001, 186, 414-424.	4.1	78
7	β -Tricalcium phosphate 3D scaffold promote alone osteogenic differentiation of human adipose stem cells: in vitro study. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 353-363.	3.6	72
8	Carnitine: An osmolyte that plays a metabolic role. <i>Journal of Cellular Biochemistry</i> , 2001, 80, 1-10.	2.6	67
9	New polyelectrolyte hydrogels for biomedical applications. <i>Materials Science and Engineering C</i> , 2003, 23, 371-376.	7.3	51
10	Modified versus standard D2 lymphadenectomy in total gastrectomy for nonjunctional gastric carcinoma with lymph node metastasis. <i>Surgery</i> , 2015, 157, 285-296.	1.9	49
11	Preventing seroma formation after axillary dissection for breast cancer: a randomized clinical trial. <i>American Journal of Surgery</i> , 2012, 203, 708-714.	1.8	48
12	Clinical impact of Mediterranean-enriched-protein diet on liver size, visceral fat, fat mass, and fat-free mass in patients undergoing sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1164-1170.	1.2	45
13	A 4-Week Preoperative Ketogenic Micronutrient-Enriched Diet Is Effective in Reducing Body Weight, Left Hepatic Lobe Volume, and Micronutrient Deficiencies in Patients Undergoing Bariatric Surgery: a Prospective Pilot Study. <i>Obesity Surgery</i> , 2018, 28, 2215-2224.	2.1	42
14	Novel nanohydrogel of hyaluronic acid loaded with quercetin alone and in combination with temozolomide as new therapeutic tool, CD44 targeted based, of glioblastoma multiforme. <i>Journal of Cellular Physiology</i> , 2018, 233, 6550-6564.	4.1	41
15	Effects of fibronectin and laminin on structural, mechanical and transport properties of 3D collagenous network. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 245-253.	3.6	39
16	Hyaluronic Acid Nanohydrogel Loaded With Quercetin Alone or in Combination to a Macrolide Derivative of Rapamycin RAD001 (Everolimus) as a New Treatment for Hormone-Responsive Human Breast Cancer. <i>Journal of Cellular Physiology</i> , 2017, 232, 2063-2074.	4.1	38
17	A Comparative Study Examining the Impact of a Protein-Enriched Vs Normal Protein Postoperative Diet on Body Composition and Resting Metabolic Rate in Obese Patients after Sleeve Gastrectomy. <i>Obesity Surgery</i> , 2017, 27, 881-888.	2.1	36
18	Growth and endothelial differentiation of adipose stem cells on polycaprolactone. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 543-548.	4.0	35

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19	Use of polycaprolactone (PCL) as scaffolds for the regeneration of nerve tissue. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1755-1760.	4.0	35
20	New Treatment of Medullary and Papillary Human Thyroid Cancer: Biological Effects of Hyaluronic Acid Hydrogel Loaded With Quercetin Alone or in Combination to an Inhibitor of Aurora Kinase. <i>Journal of Cellular Physiology</i> , 2016, 231, 1784-1795.	4.1	34
21	Cross-linked hyaluronic acid sub-micron particles: in vitro and in vivo biodistribution study in cancer xenograft model. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1473-1481.	3.6	33
22	Galectin-3 expression in thyroid fine needle cytology (tFNAC) uncertain cases: Validation of molecular markers and technology innovation. <i>Journal of Cellular Physiology</i> , 2013, 228, 968-974.	4.1	29
23	Fat mass, fat-free mass, and resting metabolic rate in weight-stable sleeve gastrectomy patients compared with weight-stable nonoperated patients. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 1692-1699.	1.2	28
24	Carnitine protects the molecular chaperone activity of lens α -crystallin and decreases the posttranslational protein modifications induced by oxidative stress. <i>FASEB Journal</i> , 2001, 15, 1604-1606.	0.5	26
25	Chitosan-coated liposomes loaded with butyric acid demonstrate anticancer and anti-inflammatory activity in human hepatoma HepG2 cells. <i>Oncology Reports</i> , 2019, 41, 1476-1486.	2.6	26
26	Adhesion and proliferation of fibroblasts on RF plasma-deposited nanostructured fluorocarbon coatings: Evidence of FAK activation. <i>Journal of Cellular Physiology</i> , 2006, 207, 636-643.	4.1	25
27	Cell surface protein detection with immunogold labelling in ESEM: Optimisation of the method and semi-quantitative analysis. <i>Journal of Cellular Physiology</i> , 2008, 214, 769-776.	4.1	24
28	Micronutrient Deficiencies in Patients Candidate for Bariatric Surgery: A Prospective, Preoperative Trial of Screening, Diagnosis, and Treatment. <i>International Journal for Vitamin and Nutrition Research</i> , 2015, 85, 340-347.	1.5	24
29	Why Preoperative Weight Loss in Preparation for Bariatric Surgery Is Important. <i>Obesity Surgery</i> , 2016, 26, 2790-2792.	2.1	20
30	Low-Purine Diet Is More Effective Than Normal-Purine Diet in Reducing the Risk of Gouty Attacks After Sleeve Gastrectomy in Patients Suffering of Gout Before Surgery: a Retrospective Study. <i>Obesity Surgery</i> , 2018, 28, 1263-1270.	2.1	15
31	Boswellic acid has anti-inflammatory effects and enhances the anticancer activities of Temozolomide and Afatinib, an irreversible ErbB family blocker, in human glioblastoma cells. <i>Phytotherapy Research</i> , 2019, 33, 1670-1682.	5.8	14
32	Hydroxyapatite coating of polyelectrolyte hydrogels by means of the biomimetic method. <i>Materials Science and Engineering C</i> , 2003, 23, 367-370.	7.3	12
33	Nonsurgical management of multiple splenic abscesses in an obese patient that underwent laparoscopic sleeve gastrectomy: case report and review of literature. <i>Clinical Case Reports (discontinued)</i> , 2015, 3, 870-874.	0.5	12
34	Sleeve gastrectomy to treat concomitant polycystic ovary syndrome, insulin and leptin resistance in a 27-years morbidly obese woman unresponsive to insulin-sensitizing drugs: A 3-year follow-up. <i>International Journal of Surgery Case Reports</i> , 2015, 17, 36-38.	0.6	11
35	Phase II study of gemcitabine and paclitaxel in pretreated patients with stage III-IV non-small cell lung cancer. <i>Lung Cancer</i> , 2000, 30, 203-210.	2.0	10
36	Properties and evolution of an alcohol dehydrogenase from the Crenarchaeota <i>Pyrobaculum aerophilum</i> . <i>Gene</i> , 2010, 461, 26-31.	2.2	9

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37	Alcohol dehydrogenase from the hyperthermophilic archaeon <i>Pyrobaculum aerophilum</i> : Stability at high temperature. <i>Archives of Biochemistry and Biophysics</i> , 2012, 525, 40-46.	3.0	9
38	Environmental Scanning Electron Microscopy Gold Immunolabeling in Cell Biology. <i>Methods in Molecular Biology</i> , 2012, 931, 517-523.	0.9	8
39	Preservation of Fat-Free Mass After Bariatric Surgery: Our Point of View. <i>Obesity Surgery</i> , 2017, 27, 1071-1073.	2.1	8
40	Galactosyl derivative of <i>N</i> -nitro-L-arginine: Study of antiproliferative activity on human thyroid follicular carcinoma cells. <i>Journal of Cellular Physiology</i> , 2009, 221, 440-447.	4.1	7
41	Synthesis and characterisation of poly(2-hydroxyethyl methacrylate) polyelectrolyte complexes. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 679-686.	3.6	6
42	Immunogold labelling in environmental scanning electron microscopy: applicative features for complementary cytological interpretation. <i>Journal of Microscopy</i> , 2011, 241, 83-93.	1.8	6
43	The role of laparoscopy in pancreatic surgery. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2203.	3.0	5
44	Suture thread check test for detection of surgical site contamination: a prospective study. <i>Journal of Surgical Research</i> , 2017, 220, 268-274.	1.6	5
45	Subcutaneous Seeding of Hepatocellular Carcinoma After Fine-needle Percutaneous Biopsy. <i>Journal of Clinical Gastroenterology</i> , 2001, 33, 171.	2.2	5
46	Late Shoulder-Arm Morbidity Using Ultrasound Scalpel in Axillary Dissection for Breast Cancer: A Retrospective Analysis. <i>Journal of Surgical Research</i> , 2019, 233, 88-95.	1.6	4
47	Technology for Biotechnology. , 2011, , 61-73.		1
48	Surgical treatment of differentiated thyroid carcinoma: a retrospective study. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2206.	3.0	1
49	Regenerative Medicine: Current and Potential Applications. , 2011, , 75-94.		0